



# ANNUAL REPORT

## JULY 2021- JUNE 2022



**Panjab University**  
**Chandigarh**





*Hon'ble Shri M. Venkaiah Naidu, Vice President of India and  
Chancellor, Panjab University, Chandigarh*

***ANNUAL REPORT***  
***(2021-2022)***

***PANJAB UNIVERSITY***  
***CHANDIGARH - 160014***



## **CHANCELLOR**

*Hon'ble Shri M. Venkaiah Naidu  
Vice-President of India and Chancellor,  
Panjab University, Chandigarh*

## **VICE-CHANCELLOR**

*Professor Raj Kumar*

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*Panjab University, Chandigarh received Maulana Abul Kalam Azad(MAKA) Trophy for overall top performing University in Inter University Tournaments for 3rd Year in a row in the year 2020-21 from The Hon'ble President of India Sh. Ram Nath Kovind at a special function organized at the Darbar Hall of Rashtrapati Bhavan, New Delhi on 13.11.2021.*





*3 Day International Conference by Indian National Cartographic Association (INCA) hosted by Department of Geography, Panjab University, Chandigarh organized on the theme Cartography for Self Reliant India on 27.10.2021. The Chief Guest, Hon'ble Governor of Haryana, Shri Bandaru Dattatraya graced the event.*



*Defence Minister Rajnath Singh delivered lecture on National Security organized by Panjab University in memory of the Sh. Balramji Das Tandon founder member of Jan Sangh, former Deputy Chief Minister of Punjab and former Governor of Chhattisgarh on 30.8.2021.*





*Nine Vice Chancellors from different districts of Uttar Pradesh namely Prof. Alok Rai, Lucknow University, Lucknow, Prof. Vinay Pathak, Chatrapati Shahuji Maharaj University, Kanpur, Prof. Hari Bahadur Shrivastava, Sidhartha University, Kapilvastu, Siddharthanagar, Prof. Mukesh Pandey Bundelkhand University, Jhansi, Prof. Sangeeta Shukla, Chaudhary Charan Singh University, Meerut, Prof. NB Singh, Khwaja Moinuddin Chishti Language University, Lucknow, Prof. Rajesh Singh, Prof. Deen Dayal Upadhyaya University, Gorakhpur, Prof. Akhilesh Kumar Singh, Rajju Bhaiya University, Prayagraj, Prof. KP Singh, MJP Ruhelkhand University, Bareilly along with Sh. Mahesh Kumar Gupta, IAS, Additional Chief Secretary to Hon'ble Governor, Uttar Pradesh and Sh.Pankaj Jani, OSD Education to Governor, UP visited Panjab University on 8.6.2022.*





*Panjab University, Chandigarh celebrated the 73rd Republic Day with patriotic fervour and enthusiasm at the University campus. Prof. Raj Kumar, Vice Chancellor, PU unfurled the national flag at the Parade Ground which was followed by the inspection of the Guard of Honour on 26.1.2022.*



*A public awareness pictorial booklet named 'Green Verdict-2021' released by Honorable Justice Adarsh Kumar Goel, Chairperson, National Green Tribunal (NGT) on 8.4.2022.*



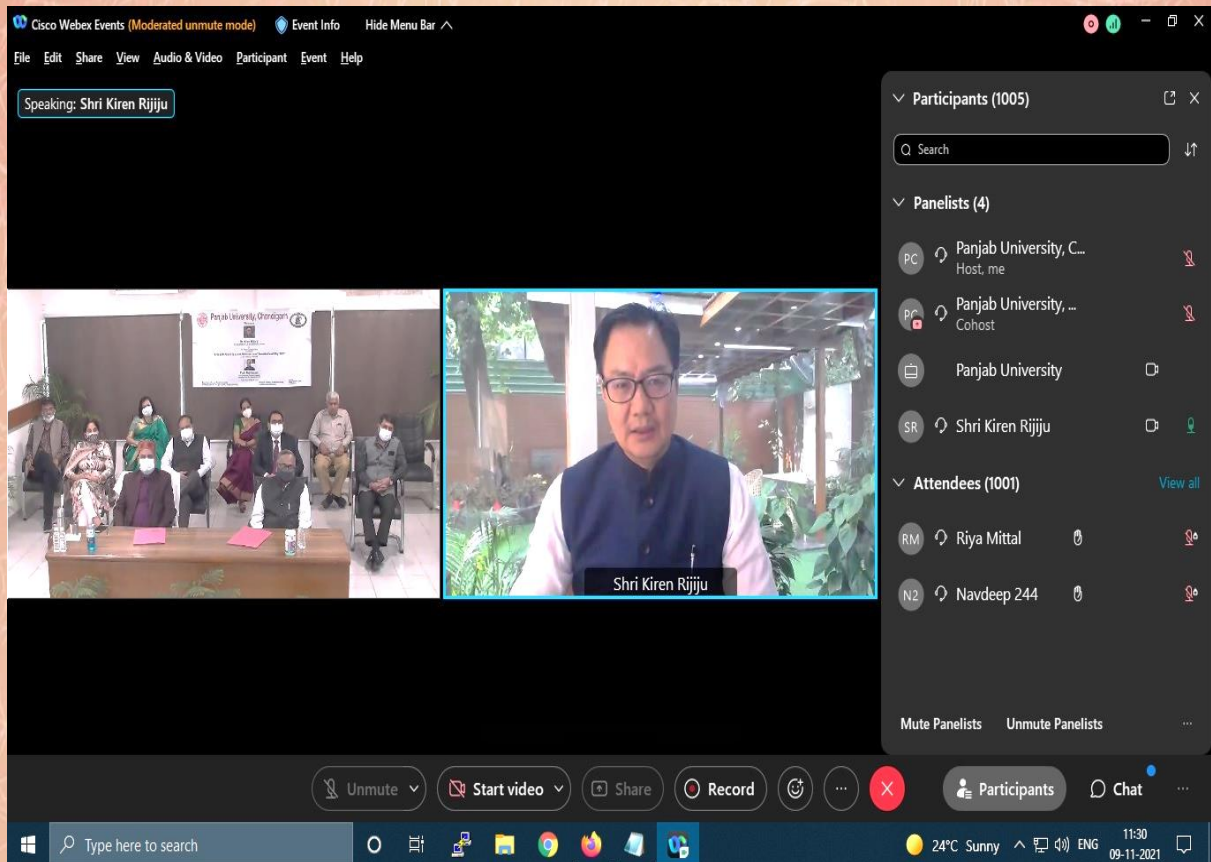


*69th Annual Convocation of Panjab University, Chandigarh held on 6.5.2022 at Panjab University Campus. Hon'ble M.Venkaiah Naidu, the Vice President of India and Chancellor, Panjab University graced the occasion as Chief Guest. Sh. Banwarilal Purohit, Hon'ble Governor of Punjab, Sh. Bandaru Dattatreya, the Hon'ble Governor of Haryana, Sh. Bhagwant Mann, Chief Minister, Punjab, Sh. Manohar Lal Khattar, Chief Minister, Haryana, and Sh. Som Prakash, Union Minister of Commerce and Industry graced the occasion.*



*Panjab University celebrated 75th Independence Day on 15.8.2021 with unfurling of National Flag at PU Parade Ground. Prof Raj Kumar, Vice Chancellor, Panjab University, Chandigarh unfurled the National Flag in presence of senior PU officials.*





*Sh Kiren Rijju, Hon'ble Minister of Law and Justice joined a programme organized in an online mode by Department of Laws and University Institute of Legal Studies, Panjab University Regional Centres, Sri Muktsar Sahib, Ludhiana and Hoshiarpur to celebrate 'Bharat ki Azadi ka Amrit Mahotsav and Constitutional Day 2021 on 9.11.2021.*





**M.M.Aggarwal   Kewal Krishan   S.K.Kansal   Rohit.K.Sharma   S.K.Tomar**



**Navneet   Harsh Nayyar   B.S. Bhoop   Harminder Pal   Kanwaljit Chopra**



**S.K.Tripathi   Indu Pal Kaur   Sonal   V.R.Sinha   Anil Kumar**

*17 faculty scientists from various disciplines from Panjab University out of 2042 Indian Scientists are included in that elite list of world top 2% scientists as per the Stanford University, California, USA assessing scientists for citation impact during the calendar year 2020 that was published on October 19, 2021 in PLOS Biology, a peer reviewed high impact international journal on 23.10.2021.*





*The Advisor to the Administrator, UT Chandigarh, Sh. Dharam Pal, accompanied by Sh. Praveer Ranjan, the DGP, UT and Sh. Sarpreet Singh Gill, the Education Secretary visited Panjab University, Chandigarh on 12.10.2021. They were taken to Central Instrumentation Laboratory, Gandhi Bhavan, various offices located at Student Centre, Dr. Harvansh Singh Judge Institute of Dental Sciences & Hospital and Human Resource Development Centre located in North and South Campus of the University.*





## ***Dean of University Instruction Message***

*Sticking to its Vedic motto, Tamso ma jyotirgamya, which means “From darkness, lead me to light”, Panjab University, established in Lahore in 1860 and relocated to Chandigarh after the partition in the 1960s, has constantly been striving to make higher education accessible to one and all. Since its inception, Panjab University has remained a leading light in the field of education and established its reputation as one of the premier institutions of teaching and research in higher education.*

*The university proudly boasts of 194 affiliated colleges, 6 constituent colleges and 4 regional centres which cater to the educational needs of students belonging to different parts of the country. It has contributed significantly to materialising the vision of Shikshit Bharat, Sashakt Bharat (Educated India, Empowered India) by bringing education and placement opportunities to every doorstep. Not only this, the University enjoys the privilege of having contributed one President, two Prime Ministers to our country; two Nobel Laureates to the world of science; and innumerable luminaries in the fields of industry, entrepreneurship, arts, literature and culture.*

*Pursuing the holistic approach, the university offers courses that straddle the traditional and core disciplines as well as professional and vocational education with a special emphasis on the Indian Philosophy and Value system, as an education bereft of values is meaningless and not worthy of promotion. Therefore, Panjab University, encourages not only academic activities but also extra-curricular activities. Moreover, the courses offered in a variety of faculties including the Arts, Science, Languages, Laws, Engineering, Commerce and Pharmaceutical Sciences and training imparted in a humane, socially inclusive and academically competitive environment make Panjab University an ideal choice for students from multifarious disciplines and socio-economic and cultural backgrounds.*

*The Panjab University Campus in Chandigarh has 78 Teaching and Research Departments/ Institutes/Centers and four research Chairs. The multi-disciplinary University School of Open Learning serves 20,000 remote learners with roughly two dozen traditional and job-oriented courses. Over 100 MoUs with universities and educational institutes on four continents have expanded the University's influence. The University's departments and centres are encouraged to collaborate interdisciplinary on projects to improve coordination between pure and social sciences and share ideas for the betterment of the nation.*

*Both industry and education are important economic and social cornerstones. Thus, Panjab University promotes Academia-Industry Interface. The University has consolidated seven verticals to achieve this mission: the Centre for Industry-Institute Partnership Programme (CIIPP), Technology Enabling Centre (TEC), Centre for Skill Development and Entrepreneurship (CSDE), Bio Nest, Centre for Policy Research, University Centre for*



*Sophisticated Analytical Instrumentation Facility (SAIF), Design Innovation Centre, and Institution's Innovation Council (ICC).*

*The university is committed to implementing New Education Policy (NEP) and incorporating its main elements into the traditional curriculum while also implementing CBCS, incorporating the Indian Knowledge System, and promoting multidisciplinary in all undergraduate and postgraduate programmes with multiple exit options. The Choice Based Credit System plan aims to align our resources with global academic standards and evaluation methods while maintaining the frameworks of current Undergraduate and Postgraduate Programs.*

*It is a matter of great pride that Panjab University has been ranked second in the prestigious ATAL ranking of Institutions on Innovation Achievements (ARIIA)-2021 in the category of University & deemed to be university (Govt. & Govt. Aided) (Technical), besides being accredited with "A" Grade with a score of 3.35 out of 4 by NAAC. The University has been ranked the 4th best University in India by the US News- Best Global University Rankings and 601-800th in the world in the Times Higher Education Ranking (2022). The credit for all of the above goes in no small measure to our highly motivated and committed faculty.*

*The students of Panjab University have excelled not only in studies but also in Sports. The university has held the Maulana Abdul Kalam Azad (MAKA) Trophy 15 times and has received MAKA Trophy three times in a row. The university is committed not only to maintaining its position of eminence in the country, but also to attract global attention. Indeed, the Panjab University remains committed to serving the cause of nation-building through its academically enriching, research-oriented and socially inclusive endeavours. I hope that the Handbook of Information 2022 will act as a guide to the students aspiring to materialise their dreams by gaining admission to the departments and academic Centres of the University and its regional campuses.*

  
*Dean of University Instruction*



## PANJAB UNIVERSITY ANTHEM

तमसो मा ज्योतिर्गमयः	Tamso Ma Jyotirgamaya
तमसो मा ज्योतिर्गमयः	Tamso Ma Jyotirgamaya
तमसो मा ज्योतिर्गमयः	Tamso Ma Jyotirgamaya
तमसो मा ज्योतिर्गमयः	Tamso Ma Jyotirgamaya
पंजाब विश्वविद्यालय	Panjab Vishaw Vidyalaya
तेरी शान- ओ- शौकत सदा रहे	Teri shaan-o-shauqat sada rahe
मन में तेरा आदर मान	Mann mein tera aadar maan
और मोहब्बत सदा रहे	Aur mohabbat sada rahe
पंजाब विश्वविद्यालय	Panjab Vishaw Vidyalay
तेरी शान ओ- शौकत- सदा रहे	Teri shaan-o-shauqat sada rahe
तू है अपना भविष्य विधाता	Tu hai apna bhavishya vidhata
पंख बिना परवाज़ सिखाता	Pankh bina parwaaz sikhata
जीवन पुस्तक रोज़ पढ़ा कर	Jeevan pustak roz padha ka
सही गलत की समझ बढ़ाता	Sahi galat ki samajh badhata
जीवन पुस्तक रोज़ पढ़ा कर	Jeevan pustak roz padha kar
सही गलत की समझ बढ़ाता	Sahi galat ki samajh badhata
तेरी जय का शंख बजायें	Teri jai ka shankh bajayein
रौशन तारे बन जायें	Roshan tare ban jaayein
वखरी तेरी शोहरत	Vakhari teri shohrat
तेरी शोहरत सदा सदा रहे	Teri shohrat sada sada rahe
पंजाब विश्वविद्यालय	Panjab Vishaw Vidyalaya
तेरी शान- शौकत- सदा रहे	Teri shaan-o-shauqat sada rahe
पंजाब विश्वविद्यालय	Panjab Vishaw Vidyalaya
तेरी शान-ओ-शौकत सदा रहे	Teri shaan-o-shauqat sada rahe
पंजाब विश्वविद्यालय	Panjab Vishaw Vidyalaya
तेरी शान-ओ-शौकत सदा रहे	Teri shaan-o-shauqat sada rahe
तमसो मा ज्योतिर्गमयः	Tamso Ma Jyotirgamaya
तमसो मा ज्योतिर्गमयः	Tamso Ma Jyotirgamaya

**LIST OF MEMBERS OF THE SYNDICATE FOR THE TERM  
JULY 01, 2021 TO JUNE 30, 2022**

**No Data**

**LIST OF MEMBERS OF THE SENATE FOR THE RESIDUAL PERIOD OF TERM  
UNTIL 31.10.2024**

**EX-OFFICIO**

1. S. Bhagwant Mann  
Chief Minister, Punjab  
Room No.1, 2<sup>nd</sup> Floor, Punjab Civil Secretariat  
Sector 1, Chandigarh  
Ph. 0172-2741458, 2741322  
E-mail [cmo@punjab.gov.in](mailto:cmo@punjab.gov.in)
2. Mr. Justice Ravi Shanker Jha  
Chief Justice Punjab & Haryana High Court  
House No. 35, Sector 4, Chandigarh  
Ph. 0172-2740071  
E-mail [kalra935@gmail.com](mailto:kalra935@gmail.com)
3. S. Harjot Singh Bains  
Technical Education & Industrial Training, Higher Education, School Education Minister, Punjab  
Room No.6, 5<sup>th</sup> Floor, Punjab Civil Secretariat  
Sector 1, Chandigarh.

**2<sup>nd</sup> Address**

- S. Harjot Singh Bains  
H.No. 9, Sector-2  
Chandigarh  
Mob: 9056002525  
E-mail [harjotsinghbains@gmail.com](mailto:harjotsinghbains@gmail.com)
4. Shri Dharam Pal  
Advisor to Administrator  
Union Territory of Chandigarh  
U.T. Secretariat, Sector 9  
Chandigarh – 160017  
Ph. 0172-2740154  
E-mail [adviser-chd@nic.in](mailto:adviser-chd@nic.in)
  5. Shri Amandeep Singh Bhatti, PCS  
Director Higher Education, U.T. Chandigarh  
Department of Higher education  
Chandigarh Administration,  
Sector 9, Chandigarh.

E-mail [dhe-chd@nic.in](mailto:dhe-chd@nic.in)

**2<sup>nd</sup> Address**

Shri Amandeep Singh Bhatti, PCS  
H.No. 661, Phase-VI  
Sector-56, Mohali

6. Dr. Amarpal Singh, IAS  
Director, Higher Education, Punjab  
Vidya Bhawan (Punjab School Education Board)  
Block E, 5<sup>th</sup> Floor, Phase-VIII  
SAS Nagar (Mohali)  
Punjab-160062  
9988169124  
E-mail [dpipunjab234@gmail.com](mailto:dpipunjab234@gmail.com)

**REGISTERED GRADUATES**

7. Dr. Balbir Chand Josan  
M.A., Ph.D.  
#668, 1<sup>st</sup> Floor Sector 40 A, Chandigarh  
Mob. 9779077022, 9501300057  
E-mail [bcjosan@gmail.com](mailto:bcjosan@gmail.com)
8. Dr. Dayal Partap Singh Randhawa  
Alias Dayal Partap Singh  
Ph.D.,  
# 1203, Sector 18-C, Chandigarh-160019

**Permanent Address:**

Dr. Dayal Partap Singh Randhawa  
Village. Ainokot, Teh. Batala, Distt. Gurdaspur, Pb.  
Mob. 9814400088  
Fax: 1722777777  
E-mail [dpsrandhawa@hotmail.com](mailto:dpsrandhawa@hotmail.com)

9. Dr. Harjodh Singh  
M.A. (Pbi.), Ph.D.  
#A/2, Punjabi University Campus Patiala, Punjab  
Mob. 9417200022  
E-mail [harjodh7@gmail.com](mailto:harjodh7@gmail.com)
10. Dr. Jagwant Singh  
M.Com. LLB, Ph.D  
#2966, Sector 42-C, Chandigarh  
Mob. 9815947500  
E-mail [jagwant2008@gmail.com](mailto:jagwant2008@gmail.com)
11. Shri Kapil Sharma  
M.A. (Political Science), B.Ed.  
#8941/6, Jadhvi Colony, Gali No.6,  
Muktsar 152026 (Punjab)  
Mob. 9988809900  
E-mail [harrykapilsharma@gmail.com](mailto:harrykapilsharma@gmail.com)



12. Shri Lajwant Singh Virk  
B.A., LLB  
#402, Uni. Block, New Sunny Enclave, Sector-123, Kharar, Pb.  
Mob. 9988400035  
E-mail [lajwant.virk@gmail.com](mailto:lajwant.virk@gmail.com)
13. Professor Mukesh Kumar Arora  
M.A. (Gold Medalist), M.Phil., Ph.D  
35-GF, Nirmal Chhaya Apartments  
Block-C, Rishi Nagar, Ludhiana, Punjab  
Mob. 9814174475, E-mail [draroramukesh@gmail.com](mailto:draroramukesh@gmail.com)
14. Shri Manish Wayyer  
M.Com.  
#976, Sector 4, Panchkula  
Mob. 9915852222  
E-mail [luckymanish34@gmail.com](mailto:luckymanish34@gmail.com)
15. Shri Naresh Gaur  
B.Com.  
136 C Rishi Nagar, Ludhiana, Punjab  
Mob. 9417335644  
E-mail [ngaur57@yahoo.com](mailto:ngaur57@yahoo.com)
16. Shri Prabhjit Singh  
B.A.  
Kothi No. 2198, Sector 89, Mohali,  
SAS Nagar, Punjab  
Mob. 9814435442  
E-mail [singhprabhjit66@gmail.com](mailto:singhprabhjit66@gmail.com)
17. Shri Ravinder Singh  
M.A., LLB, M.Phil.  
VPO Mehraj, Tehs: Phool, Bathinda, Punjab  
Mob. 9888942021  
2744, Sector-37C, Chandigarh  
E-mail [ravinderdaliwal777@gmail.com](mailto:ravinderdaliwal777@gmail.com)
18. Shri Simranjit Singh Dhillon  
M.A., LLB.  
VPO. Sarawan Bodlan  
Teh. Malout, Distt. Sri Muktsar Sahib  
Punjab-151210  
Mob. 9915109104, 9154000003  
E-mail [simdhillon91@gmail.com](mailto:simdhillon91@gmail.com)
19. Shri Sandeep Singh  
M.A. (History)  
VPO Sikri, Tehsil Dasuya,  
District Hoshiarpur 146113, Punjab  
Mob. 9814318963  
E-mail [sandeepsenate@gmail.com](mailto:sandeepsenate@gmail.com)

20. Shri Sanjeev Kumar Bandlish  
B.A  
73, Sector 15 A, Chandigarh  
Mob. 9417032548  
E-mail [sanjeevbandlish@gmail.com](mailto:sanjeevbandlish@gmail.com)
21. Shri Varinder Singh  
M.A.  
#312, Kothi Faiz, Abohar, Fazilka, Punjab  
Mob. 9915800012  
E-mail [varindersinghgill.pu@gmail.com](mailto:varindersinghgill.pu@gmail.com)

**PROFESSORS ON THE STAFF OF THE TEACHING DEPARTMENTS OF THE UNIVERSITY**

22. Professor Jatinder Grover  
M.Sc., M.Ed., Ph.D.  
Department of Education  
Panjab University, Chandigarh  
Mob. 8427297000, 9855425672  
E-mail [jatindergrover@pu.ac.in](mailto:jatindergrover@pu.ac.in)
23. Professor Rajat Sandhir  
M.Sc., Ph.D. (Biochemistry)  
Department of Biochemistry  
Panjab University, Chandigarh  
Mob. 8427777856  
E-mail [sandhir@pu.ac.in](mailto:sandhir@pu.ac.in)

**READERS AND LECTURERS ON THE STAFF OF THE TEACHING DEPARTMENTS OF THE UNIVERSITY**

24. Dr. Dinesh Kumar  
M.A., LL.M., Ph.D  
Associate Professor  
Department of Laws  
Panjab University, Chandigarh  
E-1/40, Sector-14  
Mob. 9915810297  
E-mail [dinesh@pu.ac.in](mailto:dinesh@pu.ac.in)
25. Dr. Parveen Goyal  
Ph.D.  
Assistant Professor  
University Institute of Engg. & Tech.  
Panjab University, Chandigarh  
Mob. 9815896823  
E-mail [pgoyal@pu.ac.in](mailto:pgoyal@pu.ac.in)

**PRINCIPALS OF TECHNICAL AND PROFESSIONAL COLLEGES**

26. Dr. Savita Kansal  
M.Sc., M.Ed., Ph.D.  
Principal  
Brahamrishi Yoga Training College, Sector 19-A, Chandigarh  
#1076/A, Sector-21, Panckhula  
Mob. 9781388442  
E-mail [drsavitakansal@gmail.com](mailto:drsavitakansal@gmail.com)
27. Dr. Sandeep Kataria

M.Sc., M.Ed., Ph.D.  
Principal  
Saint Sahara College of Education  
Ferozepur Road, Near Power Grid  
Sri Muktsar Sahib – 152 026

**2<sup>nd</sup> Address**

Dr. Sandeep Kataria  
V.P.O. Chak 3Y, Tehsil & District Sri Ganganagar  
Rajasthan – 335 001  
Mob. 9988404325, 8619672121  
E-mail [katariasandeep.1010@gmail.com](mailto:katariasandeep.1010@gmail.com)

28. Dr. Neetu Ohri  
M. A. (Hindi), M.Ed., M.Phil., Ph. D. (Education),  
Principal  
Guru Nanak College of Education,  
Malerkotla Road, Gopalpur, Ludhiana  
Mob. 9815620532, 8196052888  
E-mail [neetuhanda98156@gmail.com](mailto:neetuhanda98156@gmail.com), [yeshant1@rediffmail.com](mailto:yeshant1@rediffmail.com)

**STAFF OF TECHNICAL AND PROFESSIONAL COLLEGES**

29. Dr. Neeru Malik  
M.A. Physical Education (Silver  
Medalist), NIS (Gold Medalist), NDDY,  
UGC, NET, Ph.D.  
Inter National Qualified Technical  
Official by ITTF  
Associate Professor  
Dev Samaj College of Education  
Sector 36-B, Chandigarh

**2<sup>nd</sup> Address**

#133, Sector-14 West, Milk Colony, Chandigarh  
Mob. 9781133666  
E-mail [drneerumalikhry@gmail.com](mailto:drneerumalikhry@gmail.com)

30. Dr. Gurmit Singh  
M.A. (Hist. & Eco.) M.Ed., Ph.D. (Edu.)  
Assistant Professor  
Malwa Central College of Education for Women  
Ludhiana

**2<sup>nd</sup> Address**

Dr. Gurmit Singh  
Patti-Sandhu, VPO-Ajitwal  
Teh. & Distt.-Moga  
Punjab  
Mob. 9417731114, 8289020588  
E-mail [drgurmitsingh18@gmail.com](mailto:drgurmitsingh18@gmail.com)

31. Dr. Suresh Kumar  
Professor, MBBS, MS (Ophthalmology)  
D-Block, 3<sup>rd</sup> floor,  
Department of Ophthalmology  
Govt. Medical College & Hospital

Sector 32, Chandigarh  
Mob. 9646121588  
E-mail [drsuresh.kumar.gupta@gmail.com](mailto:drsuresh.kumar.gupta@gmail.com)

#### **HEADS OF AFFILIATED ARTS COLLEGES**

32. Dr. N.R. Sharma  
M.A. (Sanskrit), M.Ed., Ph.D. (Education), MBA (HR)  
Principal  
Shaheed Udham Singh Panjab University Constituent College, Guru Har Sahai, Ferozepur  
Mob. 9417342556, 7589196556  
E-mail [drnr.sharma1@gmail.com](mailto:drnr.sharma1@gmail.com)
- 33.
34. Dr. Kirandeep Kaur  
M.Com., Ph.D.  
Principal  
Master Tara Singh Memorial College for Women,  
Ludhiana  
Mob. 9888157128  
E-mail [kirandeep2961@gmail.com](mailto:kirandeep2961@gmail.com)
35. Dr. Nisha Bhargava  
M.A., M.Phil., Ph.D.  
Principal  
MCM DAV College for Women,  
Sector 36 A, Chandigarh  
Mob. 9815758400  
E-mail [principal\\_mcmdavcollege@yahoo.com](mailto:principal_mcmdavcollege@yahoo.com)
36. Dr. Jatinder Kaur  
M.Com., M.Phil., Ph.D.  
Principal  
Guru Gobind Singh College for Women,  
Sector 26, Chandigarh  
Mob. 9781996284, 9878618314  
E-mail [principalggscw@yahoo.in](mailto:principalggscw@yahoo.in)
37. Dr. Rajesh Kumar Mahajan  
M. Com., Ph.D.  
Principal  
DAV College, Abohar  
Mob. 8146343601  
E-mail [dr\\_rk\\_mahajan@yahoo.co.in](mailto:dr_rk_mahajan@yahoo.co.in)
38. Dr. R.S. Jhanji  
M.A., M.Phil., Ph.D. (English)  
Principal  
A.S. College, Khanna,

Ludhiana  
Mob. 9814901233  
E-mail [rsjhanji@yahoo.com](mailto:rsjhanji@yahoo.com), [asckhn@rediffmail.com](mailto:asckhn@rediffmail.com),  
[ascollegekhhanna@gmail.com](mailto:ascollegekhhanna@gmail.com)

39. Dr. Rupinder Kaur  
M.A., Ph.D. (Punjabi)  
Principal  
Guru Nanak Khalsa College,  
Abohar  
Mob. 9780991296  
E-mail [hsandhu0003@gmail.com](mailto:hsandhu0003@gmail.com), [rupindergnkc@gmail.com](mailto:rupindergnkc@gmail.com)

**PROFESSORS, SENIOR LECTURERS AND LECTURERS OF AFFILIATED ARTS COLLEGES**

40. Dr. Inderpal Singh Sidhu  
Assistant Professor  
Sri Guru Gobind Singh College  
Sector 26, Chandigarh-160019  
**Residence Address:**  
Dr. Inderpal Singh Sidhu  
# 2246, Jal Vayu Vihar, Sector-67  
Mohali-160062  
(Tel. Nos. Off. 0172-2792754  
Mobile: 8427440600, 94178-60000)  
Email: [inderpalsidhu76@yahoo.co.in](mailto:inderpalsidhu76@yahoo.co.in)
41. Dr. Harpreet Singh Dua  
M.A., Associate Professor  
Gujranwala Guru Nanak Khalsa College  
Ludhiana  
Email: [duaharpreetsingh@gmail.com](mailto:duaharpreetsingh@gmail.com)
- 2nd Address**  
Dr. Harpreet Singh Dua  
# 717/4-B, Sargodha Colony  
Pakhawal Road  
Ludhiana  
(Tel. No. Res. 0161-2410568)  
(Mobile: 98150-00203)
42. Dr. K.K. Sharma  
Associate Professor  
A.S. College, District Khanna  
Ludhiana, Punjab  
(Tel Nos. Off. 01628-228470,  
Res.01628-221933  
Mobile: 98788-09933  
Email: [kamalpuneet14@gmail.com](mailto:kamalpuneet14@gmail.com)
43. Dr. Shaminder Singh Sandhu  
Assistant Professor  
D.A.V. College  
Sector-10, Chandigarh  
(Mobile: 98723-13570)  
Email: [sandhu\\_sss@yahoo.com](mailto:sandhu_sss@yahoo.com)

44. Shri Jagdeep Kumar  
Assistant Professor  
Khalsa College  
Garhdiwala, District, Hoshiarpur  
Punjab  
(Tel. Nos. Off. 01886-260940  
Mobile: 098152-13026)  
Email: [jchodha@yahoo.co.in](mailto:jchodha@yahoo.co.in)
45. Dr. Jagdish Chander  
Associate Professor and Head,  
Department of Sociololgy  
D.A.V. College  
Sector-10, Chandigarh  
**Correspondence Address:**  
Dr. Jagdish Chander  
# 154-A, MIG CHB Flats  
Sector-51 A  
Chandigarh-160047  
(Tel. Nos. Off. 0172-2743980  
Mobile: 094179-13243, 6284557572  
Email: [jagdishdave@yahoo.co.in](mailto:jagdishdave@yahoo.co.in)
46. Dr, Jagtar Singh  
Assistant Professor  
Sri Guru Gobind College, Sector 26,  
Chandigarh  
**Residence Address:**  
Dr, Jagtar Singh  
H. No. 265, Ward No-9  
Kurali, Distt. Mohali, Punjab  
Mobile: 9872439909  
Email: [jagtarsingh265@gmail.com](mailto:jagtarsingh265@gmail.com)

**PUNJAB LEGISLATIVE ASSEMBLY**

47.

48.

49. Professor Akhtar Mahmood  
Ex-Head, Department of Biochemistry  
Panjab University, Chandigarh  
**2<sup>nd</sup> Address:**  
Professor Akhtar Mahmood  
H.No. 206, Sector 40 A  
Chandigarh-160036  
Mob. 0172-2534131, 9872206902  
E-mail [akhtarmah@yahoo.com](mailto:akhtarmah@yahoo.com)

50. Professor Arun Grover  
Former Vice-Chancellor  
Panjab University, Chandigarh  
H.No.157, F. Floor, Sector-16 A  
Chandigarh  
Mob. 9815335138  
E-mail [arungrover@gmail.com](mailto:arungrover@gmail.com)
51. Professor Ashok Kumar  
Director, Centre for the Study of Social Exclusion and Inclusive Policy  
Panjab University, Chandigarh  
Mob. 9464000270  
E-53, Sector-14, PU, Chandigarh  
E-mail [sabharwalashokpu@gmail.com](mailto:sabharwalashokpu@gmail.com)
52. Shri Davesh Moudgil  
Ex-Member, Board of Studies  
Faculty of Laws, Panjab University, Chandigarh; and  
Ex-Member, Administrators Advisory Council  
Chandigarh Administration  
# 390, Sector 44-A, Chandigarh  
Mob. 9915758965, 9653777777  
E-mail [daveshmoudgil@gmail.com](mailto:daveshmoudgil@gmail.com)
53. Dr. Nidhi Gautam  
Warden, Girls Hostel No.5  
University Institute of Applied Management Studies Panjab University, Chandigarh  
W-10, Sector-14, PU, Chandigarh  
Mob. 8146150501  
E-mail [nidhi.uiams@pu.ac.in](mailto:nidhi.uiams@pu.ac.in), [nidhig121@gmail.com](mailto:nidhig121@gmail.com)
54. Dr. Priyatosh Sharma  
Department of History  
Panjab University, Chandigarh  
F-16, PU, Sector-14, Chandigarh  
Mob. 9814338044  
E-mail [history@pu.ac.in](mailto:history@pu.ac.in)
55. Dr. Surinder Singh Sangha  
Principal, Dasmesh Girls' College of Education  
Badal (Punjab)  
Ph. 01637-244719, 244819  
Mob. 9876000999  
E-mail [gurdarshss@gmail.com](mailto:gurdarshss@gmail.com)
56. Professor Jagat Bhushan  
Controller of Examinations and  
Ex-Principal, Dr. Harvansh Singh Judge Institute of Dental Sciences and Hospital  
Panjab University, Chandigarh  
#1113, Sector-37B, Chandigarh  
Mob. 9855442735  
E-mail [drjagat@gmail.com](mailto:drjagat@gmail.com)
57. Smt. Kirron Kher  
Member of Parliament, Chandigarh  
Mob. 9820067678  
#65, Sector-8A, Chandigarh  
E-mail [kirronkher14@gmail.com](mailto:kirronkher14@gmail.com)



58. Professor Prashant Gautam  
University Institute of Hospitality and Tourism Management, Panjab University  
Chandigarh  
T-I/49, Sector-25, PU, Chandigarh  
Ph. 2541969, 2534498  
Mob. 9815976444  
E-mail [prashantgautam@pu.ac.in](mailto:prashantgautam@pu.ac.in)
59. Professor Ravi Inder Singh  
Director, Panjab University Regional Centre  
Ludhiana  
Mob. 8283066776  
E-mail [risingh@pu.ac.in](mailto:risingh@pu.ac.in)
60. Professor S.K. Tomar  
Ex-Head, Department of Mathematics  
Panjab University, Chandigarh  
T-I/6, Sector-25, PU, Chandigarh  
Ph. 0172-2534569  
Mob. 9463223629  
E-mail [sktomar@pu.ac.in](mailto:sktomar@pu.ac.in)
61. Professor Savita Gupta  
Former Director  
University Institute of Engineering & Technology  
Panjab University, Chandigarh  
Mob. 9463330763  
#210, Phase-I, Near Franco Hotel, Mohali  
E-mail [savita2k8@yahoo.com](mailto:savita2k8@yahoo.com)
62. Professor Sukhbir Kaur  
Professor, Department of Zoology  
Ex-Dean Students Welfare (Women)  
Punjab University, Chandigarh  
**Residence Address:**  
Professor Sukhbir Kaur  
H.No. B-763  
The Greater Punjab Officers Cooperative Housing Society  
New Chandigarh, Mullanpur  
SAS Nagar, Mohali-140901  
Ph. 2541942, 2534215  
Mob. 9988173267  
E-mail [sukhbir@pu.ac.in](mailto:sukhbir@pu.ac.in)
63. Professor Sushil Kansal  
Dr. S. S. Bhatnagar University Institute of Chemical Engineering & Technology  
Panjab University, Chandigarh  
Mob. 9876581564  
T-I/28, Sector-25, PU, Chandigarh  
E-mail [sushilkk1@pu.ac.in](mailto:sushilkk1@pu.ac.in)
64. Professor Yojna Rawat  
Ex-Head, University School of Open Learning  
Panjab University, Chandigarh  
# T-1/18, Sector 25 P.U. Campus  
Ph. 0172-2534328, Mob. 9023746633

- E-mail [yojnarawat@pu.ac.in](mailto:yojnarawat@pu.ac.in)
65. Professor Devinder Singh  
Ex-President, PU Teachers Association,  
Dept. of Laws and  
Coordinator, Dr. Ambedkar Centre  
Panjab University, Chandigarh  
Ph. 0172-2541577, 2534165  
Mob. 9417114459  
T-I/36, Sector-25, Chandigarh  
E-mail [devinder@pu.ac.in](mailto:devinder@pu.ac.in)
66. Dr. Amit Joshi  
Head, Department of Biotechnology & Bioinformatics  
Sri Guru Gobind Singh College  
Sector 26, Chandigarh  
#721, Sector-49A, Chandigarh  
Mob. 9872024023  
E-mail [amit.molbio@gmail.com](mailto:amit.molbio@gmail.com)
67. Dr. Aruna Goel  
Former Professor of Sanskrit  
Panjab University, Chandigarh  
Mob. 9872216185  
#185, Sector-16A, Chandigarh  
E-mail [arunasgoel1947@gmail.com](mailto:arunasgoel1947@gmail.com)
68. Dr. Arvinder Singh Bhalla  
Principal, Gujjaranwala Guru Nanak Khalsa College, Civil Lines  
Ludhiana  
Mob. 09463062603  
E-mail [arvindersinghbhalla@gmail.com](mailto:arvindersinghbhalla@gmail.com)
69. Dr. Krishan Gauba  
Head, Oral Health Sciences Centre  
Post Graduate Institute of Medical  
Education & Research (PGIMER), Chandigarh  
#75, Sector-24A, Chandigarh  
Mob. 9815933743  
E-mail [gaubakrishan@gmail.com](mailto:gaubakrishan@gmail.com)
70. Dr. Kuldeep Agnihotri  
Former Vice Chancellor  
Central University of Himachal Pradesh  
Advisor to Ministry of Tourism and Culture  
Government of India  
HM-127, Phase-IV, Mohali  
Mob. 9418177778  
E-mail [kuldeepagnihotri@gmail.com](mailto:kuldeepagnihotri@gmail.com)
71. Dr. Latika Sharma  
Professor, Department of Education  
Panjab University, Chandigarh  
Ph. 0172-2534601  
F-12, Sector-14, Chandigarh  
Mob. 9988171707  
E-mail [latikash@pu.ac.in](mailto:latikash@pu.ac.in), [drlatika68@gmail.com](mailto:drlatika68@gmail.com)
72. Shri Gurjot Singh Malhi  
Former DGP, Haryana



- # 84, Sector-10, Chandigarh  
Mob. 09872666667, 09999999828  
E-mail [gurjotmalhi@hotmail.com](mailto:gurjotmalhi@hotmail.com)
73. Dr. Gurmeet Singh  
Department of Hindi  
Panjab University, Chandigarh  
H No E-27, sector 14, PU Campus  
Ph. 0172-2778755  
Mob. 9815801908  
E-mail [gurmeetpu@gmail.com](mailto:gurmeetpu@gmail.com)
74. Professor Harmohinder Singh Bedi  
Chancellor, Central University of Himachal Pradesh  
Former Chairperson, Dept. of Hindi  
Guru Nanak Dev University, Amritsar  
#125, Kabir Park, Opposite GNDU, PO Khalsa College, Amritsar-143002  
Mob. 09356133665  
E-mail [harmohinderbedi@gmail.com](mailto:harmohinderbedi@gmail.com)  
[chancellor@cuhimachalpradesh.ac.in](mailto:chancellor@cuhimachalpradesh.ac.in)
75. Professor Jayanti Dutta  
Deputy Director, UGC HRD Centre,  
Panjab University, Chandigarh  
Mob. 9988721401  
E-mail [Jayantiduttaroy@yahoo.co.in](mailto:Jayantiduttaroy@yahoo.co.in)  
[jayanti@pu.ac.in](mailto:jayanti@pu.ac.in)
76. Professor (Dr.) Shiv Kumar Dogra  
C/o Dr. Monika Sharma  
Associate Professor  
#3002, Type 3 Residences  
All India Institute of Medical Sciences,  
AIIMS, Bathinda (Pb.)  
**2<sup>nd</sup> Address**  
Professor (Dr.) Shiv Kumar Dogra  
Department of Laws  
Himachal Pradesh University  
Shimla-5  
Ph. 0161-2443830  
Mob. 09417608103  
E-mail [shiv.dogra@rediffmail.com](mailto:shiv.dogra@rediffmail.com)
77. Shri Satya Pal Jain  
Additional Solicitor General of India  
Government of India  
Former Member of Parliament, Chandigarh  
#2224, Sector-15 C, Chandigarh  
Ph. 0172-2772232, 2770314  
Mob. 9814102232  
E-mail [contact@satyapaljain.com](mailto:contact@satyapaljain.com)
78. Shri Som Parkash  
MoS, Govt. of India  
#22, Sector-71, SAS Nagar, Mohali  
Mob. 9876100022  
E-mail [somparkash.mos@gmail.com](mailto:somparkash.mos@gmail.com)

79. Professor Sonal Chawla  
Department of Computer Science & Applications  
Honorary Director, IAS Coaching Centre  
Panjab University, Chandigarh  
#2166, Sector-35 C, Chandigarh  
Mob. 9815968085  
E-mail [sonal\\_chawla@pu.ac.in](mailto:sonal_chawla@pu.ac.in)
80. Professor Gaurav Gaur  
Environmentalist, Assistant Professor  
Department of Social Service  
Panjab University, and  
Chairperson, Department of Social Work  
Mob. 9464273743  
E-mail [gauravgaur@pu.ac.in](mailto:gauravgaur@pu.ac.in)
81. Professor Hemant Batra  
Principal-cum-Professor, Dr. Harvansh Singh Judge Institute of Dental Sciences and Hospital  
#1029, Sector-36 C, Chandigarh  
Mob. 9814555550  
E-mail [directordental@pu.ac.in](mailto:directordental@pu.ac.in), [batrah16@gmail.com](mailto:batrah16@gmail.com)
82. Dr. Supinder Kaur  
President, Panjab University Teachers' Association  
Department of Laws, P.U.  
Mob. 9876033232  
E-mail [supinder.pu@gmail.com](mailto:supinder.pu@gmail.com)
83. Shri Honey Thakur  
President  
Panjab University Non-teaching Employees Federation  
#D-45, PU, Chandigarh  
Mob. 7696583321  
E-mail [honeythakur5084@gmail.com](mailto:honeythakur5084@gmail.com)
84. Professor Renu Vig  
Dean of University Instruction  
Panjab University, Chandigarh  
Mob. 9814126152  
E-mail [dui@pu.ac.in](mailto:dui@pu.ac.in), [renuvig@pu.ac.in](mailto:renuvig@pu.ac.in)



**LIST OF MEMBERS OF THE BOARD OF FINANCE FOR THE PERIOD  
FEBRUARY 1, 2022 TO JANUARY 31, 2023**

- |  |  |
|--|--|
| 1. Professor Raj Kumar<br>Vice-Chancellor<br>Panjab University<br>Chandigarh.  | 7. Professor Harmohinder Singh Bedi,<br>Fellow<br>Chancellor (SPECIAL INVITEE)<br>Central University, Himachal Pradesh<br>Former Chairperson, Deptt. of Hindi<br>Guru Nanak Dev University, Amritsar<br># 125, Kabir Park, Opposite GNDU<br>PO Khalsa College, Amritsar 143002 |
| 2. Sh. KAP Sinha, IAS<br>Principal Secretary Finance<br>Government of Punjab<br>Department of Finance<br>Chandigarh.   | 8. Professor S.K. Tomar, Fellow<br>Vice-Chancellor<br>J.C. Bose University of Science &<br>Technology, YMCA, Faridabad<br>T-1/16, Sector-25, PU, Chandigarh  |
| 3. Mrs. Kamini Chauhan Rattan<br>Joint Secretary<br>Dept. of Higher Education<br>Ministry of Human Resource<br>Development Govt. of India<br>Shastri Bhavan, Room No. 107-C,<br>New Delhi. | 9. Shri Satya Pal Jain, Fellow<br>Additional Solicitor General of India<br>Government of India<br>Former Member of Parliament,<br>Chandigarh<br>#2224, Sector-15 C, Chandigarh   |
| 4. Shri Krishan Kumar, IAS<br>Secretary<br>Dept. of Higher Education & Languages<br>Govt. of Punjab<br>726, 7 <sup>th</sup> Floor, Punjab Civil Secretariat-II<br>Sector 9, Chandigarh     | 10. Dr. Mukesh Kumar Arora, Fellow<br>35-GF, Nirmal Chhaya Apartments<br>Block-C, Rishi Nagar, Ludhiana,<br>Punjab   |
| 5. Dr. Vijay Namdeorao Zade, IAS<br>Finance Secretary, Chandigarh<br>Administration<br>U.T. Secretariat, Sector- 9<br>Chandigarh.  | 11. CA Vikram Nayyar, Secretary<br>Registrar-cum-FDO.,<br>Panjab University, Chandigarh  |
| 6. Professor Renu Vig<br>Dean of University Instruction<br>Panjab University<br>Chandigarh.  | 12. Prof. Rajinish Jai (SPECIAL INVITEE)<br>Secretary University Grant<br>Commission<br>Bahadurshah Zafar Marg<br>New Delhi-11002  |

**DEANS OF THE FACULTY**

The deans of the faculties for the term i.e. 01-02-2021 to 31.01.2022 and 01.02.2022 to 31.01.2023 could not be elected due to non-constitution of faculties.

## DEANS OF UNIVERSITY FOR THE PERIOD JULY 1, 2021 TO JUNE 30, 2022

Sr. No.	Name of the Person & Department	Designation	Appointed for one year
<b>DUI</b>			
1.	Prof. V R Sinha, UIPS	DUI	w.e.f 01.02.2021 to 31.01.2022
2.	Prof. S K Tomar, Mathematics	DUI	w.e.f 01.02.2022 to 21.02.2022
3.	Prof. Renu Vig, UIET	DUI	w.e.f 22.02.2022 to 29.03.2023
<b>DSW</b>			
1.	Prof. S K Tomar, Mathematics	DSW	w.e.f 01.06.2021 to 31.01.2022
2.	Prof. Jagtar Singh, Biotechnology	DSW	w.e.f 01.02.2022 to 31.01.2023
<b>DSW (W)</b>			
1.	Prof. Meena Sharma, UBS	DSW (W)	w.e.f 01.06.2021 to 31.05.2022
2.	Prof. Roopali Garg, UIET	DSW (W)	w.e.f 01.06.2022 to 31.05.2023
<b>Associate DSW</b>			
1.	Prof. Ashok Kumar, Hindi	Associate DSW	w.e.f 01.06.2021 to 31.05.2022 further extended for another year w.e.f. 01.06.2022 to 01.01.2023
<b>Dean International Students</b>			
1.	Dr. Anju Suri, History	Dean International Students	w.e.f. 19.11.2020 (AN) to 19.11.2021
2.	Dr. Deepti Gupta, English	Dean International Students	w.e.f. 22.11.2021 to 30.11.2022
<b>Dean Alumni Relation</b>			
1.	Dr. Anupama Sharma, UICET	Dean Alumni Relation	w.e.f. 10.12.2020 to 09.12.2021 further extended for another year w.e.f. 10.12.2021 to 09.12.2022
<b>Dean Research</b>			
1.	Prof. Rajesh Gill, Sociology	Dean Research	w.e.f 01.02.2021 to 30.09.2021
2.	Prof. S K Tomar, Mathematics	Dean Research	w.e.f. 01.10.2021 to 31.01.2022
3.	Prof. Renu Vig, UIET	Dean Research	w.e.f. 01.02.2022 to 21.02.2022
4.	Prof. Sudhir Kumar, Dept, of Evening Studies	Dean Research	w.e.f. 22.2.2022 to 31.10.2022



## EMERITUS PROFESSORS

1. Prof. Akhtar Mahmood (Biochemistry)
2. Prof. Ashok Kumar Agarwal (Mathematics)
3. Prof. Ashok Sahni (Geology)
4. Prof. B.M. Deb (Chemistry)
5. Prof. B.N. Goswamy (Fine Arts)
6. Prof B.S. Brar (Political Science)
7. Prof. D.S. Gill (Chemistry)
8. Prof. Gopal Krishan (Geography)
9. Prof. Gurdev Singh (Chemistry)
10. Dr. G. S. Gupta (Biophysics)
11. Prof. H.S. Shergill (Economics)
12. Prof. Indu Banga (History)
13. Prof. J.K Gupta (Microbiology)
14. Prof. J.N. Joshi (Education)
15. Prof Jitendra Mohan (Psychology)
16. Prof. K.G. Gupta (Microbiology)
17. Prof. K.K. Bhasin (Chemistry)
18. Prof. K.N. Pathak (Physics)
19. Prof. Kamlesh Mohan (History)
20. Prof. M.L. Sharma (Botany)
21. Prof. M.M. Puri (Political Science)
22. Prof. Manmohan Gupta (Physics)
23. Prof. Mahendra Kumar (Indian Theatre)
24. Prof. Mohan Maharishi (Indian Theatre)
25. Prof. Nirmal Singh (Physics)
26. Dr. Neelam Man Singh (Indian Theatre)
27. Prof. Pam Rajput (Women Studies)
28. Prof. Rani Balbir Kaur (Indian Theatre)
29. Prof. R.C. Sobti (Bio-Technology)
30. Prof. (Mrs) R.J. Hans Gill (Mathematics)
31. Prof. R.P. Bambah (Mathematics)
32. Prof. Suman Bala Beri (Physics)
33. Prof. S.C. Verma (Botany)
34. Prof. S.K. Kulkarni (Pharmacy)
35. Prof. Sudesh Kaur Khanduja (Mathematics)
36. Prof. S.K. Sharma (Chemical Engg. & Tech.)
37. Prof. S.P. Khullar (Botany)
38. Prof. S.S. Kumar (Botany)
39. Prof. S.V. Kessar (Chemistry)
40. Prof. T.N. Kapoor (University Business School)
41. Prof. V.K. Bansal (Laws)
42. Prof. Veer Singh (Laws)
43. Prof. Virendra Kumar (Laws)

# OFFICERS OF THE UNIVERSITY

## LIST OF OFFICERS OF PANJAB UNIVERSITY, CHANDIGARH

(Period 01-07-2021 to 30-06-2022)

Sr. No.	Post	Name
1.	Registrar	(i) CA Vikram Nayyar (Additional Charge w.e.f. 03.09.2020 to 11.05.2022) (ii) Prof. Yajvender Pal Verma (Additional Charge w.e.f. 11.05.2022 till further orders)
2.	Controller of Examinations	(i) Professor Jagat Bhushan (additional Charge w.e.f. 17.11.2020 till further orders.
3.	Finance & Development Officer	CA Vikram Nayyar
4.	Librarian	(i) Dr. Jivesh Bansal (Additional Charge) w.e.f. 01.04.2019 to 26.06.2022 (ii) Director Research & Development Cell (Additional Charge) w.e.f. 27.06.2022
5.	Director, Public Relations-cum-Editor, P.U. News	(i) Dr. Renuka B Salwan Upto 27.12.2021 (ii) Dr. Vineet Punia w.e.f. 28.12.2021 to 25.01.2022 (iii) Dr. Gaurav Gaur (Additional Charge) w.e.f. 26.01.2022 to 29.12.2022

## COLLOQUIA LECTURE SERIES FROM JULY 01, 2021 TO JUNE 30, 2022

No Colloquia Lectures were held during this period.



## **CHANDIGARH REGION INNOVATION AND KNOWLEDGE CLUSTER (CRIKC)**

### **ANNUAL REPORT JULY 1, 2021 TO JUNE 30, 2022**

The Chandigarh Region Innovation & Knowledge Cluster (CRIKC) has taken the following initiatives from July 2, 2021 to June 30, 2022 in order to consolidate and rejuvenate the partnership between academic institutions of the city and also in the three states of Punjab Haryana & Himachal Pradesh.

#### **Following activities have been taken up:**

April 5, 2022: CRIKC buses/shuttle: The buses were started after a gap of two years (Covid pandemic time), a route has been formed and circulated through Office of DSW and students have started to use this to interact with other CRIKC institutes.

April 12, 2022: The event which was organized under the aegis of Office of PSA was CRIKC-Swedish delegation linkup.

April 22, 2022: CRIKC organized 'Shodh Samvad' i.e. Shodh Chakra series an initiative to encourage interdisciplinary discussion amongst research scholar at PU (UIPS).

April 28, 2022: A lecture session held on "Tech@Amazon" from Manoj Garg, Software Engineering Manager (amazon) at PU (UIET).

April 28, 2022: A seminar on "Ukraine Crisis, Emerging World Order & Implications for India" at Golden Jubilee Hall PU.

May 06, 2022: National Seminar on "Role of Agrochemicals for Sustainable Agriculture" Empowering Farmers for a prosperous India. In coordination with Indian Chemical Council (Min of Petrochemicals) at Hotel Mountview, Chandigarh.

May 31, 2022: CRIKC organized 'Shodh Samvad' i.e. Shodh Chakra Series- an initiative to encourage interdisciplinary discussion amongst research scholar at PU (UIPS).

June 01, 2022: A Brainstorming session on Resource Mapping within CRIKC in Leap Organized by NIPER at Mohali.

June 22, 2022: Meeting with PGI doctors for potential collaboration in Advanced Eye Centre, PGI, Chandigarh.

#### **TEACHERS FELICITATED BY THE PANJAB UNIVERSITY SYNDICATE**

No Syndicate meetings were held during the period July 01, 2021 to June 30, 2022.



**ACHIEVEMENTS OF  
THE FACULTY**

## ANCIENT INDIAN HISTORY, CULTURE & ARCHAEOLOGY

Name of Recipient	Details of Achievement	Date	Regional/ National/ International
NIL	NIL	NIL	NIL

## CENTRE FOR THE STUDY OF SOCIAL EXCLUSION AND INCLUSIVE POLICY

Name of Recipient	Details of Achievement	Date	Regional/ National/ International
NIL	NIL	NIL	NIL

## DEFENCE AND NATIONAL SECURITY STUDIES

Name of Recipient	Details of Achievement	Date	Regional/ National/ International
NIL	NIL	NIL	NIL

## DEPARTMENT CUM CENTRE FOR WOMEN STUDIES & DEVELOPMENT

Name of Recipient	Details of Achievement	Date	Regional/ National/ International
Dr.Ameer Sultana	Member Internal Committee, HKCL	03/01/2022	State
Prof.Manvinder Kaur	Member Internal Committee, Registrar, Cooperative Societies	03/01/2022	State
Prof.Manvinder Kaur	Member Internal Committee, Education Dept	03/01/2022	State
Prof.Manvinder Kaur	Member Internal Committee, Hartron	01/07/2021	State

## ECONOMICS

Name of Recipient	Details of Achievement	Date	Regional/ National/ International
NIL	NIL	NIL	NIL

## GANDHIAN AND PEACE STUDIES

Name of Recipient	Details of Achievement	Date	Regional/ National/ International
NIL	NIL	NIL	NIL

## GEOGRAPHY

Name of Recipient	Details of Achievement	Date	Regional/ National/ International
Krishna Mohan	Member PG Board of Studies, Kurukshetra University	01/01/2022	State
Krishna Mohan	Member School of Applied Sciences, Dr. Harisingh Gour University Sagar	01/01/2022	State
Krishna Mohan	Member Board of Studies, Central University of	01/07/2021	State



<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/ National/ International</b>
	Punjab 2021-22, Central University		
Krishna Mohan	Member, Oral Defence Board LPU 2021, LPU	01/07/2021	State
Krishna Mohan	President INCA 2021, President INCA 2021	01/07/2021	National
Ravinder Kaur	Member Board of Studies, Central University of Ladhak	01/01/2022	State
Ravinder Kaur	Subject Expert, Faculty of Sciences, Punjabi University, Patiala	12/01/2022	State
Simrit Kahlon	Member, School Board, School of Basic Sciences, Central University of Haryana, Mahendergarh	06/09/2021	State
Simrit Kahlon	External Expert, Board of Studies Geography, Central University of Haryana, Mahendergarh	06/09/2021	State
Smita Bhutani	Visiting Professor, University of Ladhak	06/01/2022	State
Smita Bhutani	Member of Board of Studies, University of Ladhak, University of Ladhak	09/12/2021	State

### **GURU NANAK SIKH STUDIES**

<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/ National/ International</b>
NIL	NIL	NIL	NIL

### **LIBRARY & INFORMATION SCIENCE**

<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/ National/ International</b>
Dr. Shiv kumar	Appreciation award, Kisan Intern College	02/11/2021	Other
Prof. Preeti Mahjan	Member of Board of Studies, Central University of Punjab	09/05/2022	Other
Prof. Preeti Mahjan	Nomination as Outside Expert of the Faculty of Social Science, Maharshi Dayanand University Rohtak	17/09/2021	State
Prof. Preeti Mahjan	Eminent Scholars, Guru Nanak Dev University, Amritsar	20/07/2021	State
Prof. Preeti Mahjan	Meeting of the Academic Counciling, Maharshi Dayanand University Rohtak	15/09/2021	State
Prof. Rupak Chakravarty	Meeting of Board of Undergraduate Studies in Library and Information Science, Kurukshetra University, Kurukshetra	10/01/2022	Other
Prof. Rupak Chakravarty	Board of Studies, Central University of Punjab	11/05/2022	State

## INTER DISCIPLINARY CENTRE FOR SWAMI VIVEKANANDA STUDIES

Name of Recipient	Details of Achievement	Date	Regional/ National/ International
NIL	NIL	NIL	NIL

### HISTORY

Name of Recipient	Details of Achievement	Date	Regional/ National/ International
Dr. Priyatosh Sharm	Certificate, ICDEOL, HPU, Shimla	13/11/2021	National
Dr. Priyatosh Sharma	Board of School Education, Haryana, Board of School Education, Haryana	01/06/2022	State

### POLITICAL SCIENCE

Name of Recipient	Details of Achievement	Date	Regional/ National/ International
Prof. Ashutosh Kumar	First visiting professor to the T. N. Seshan Chair at IIDEEM, ELECTION COMMISSION OF INDIA	11/02/2022	National
Prof. Ashutosh Kumar	Reviewer for International Publishing House, Routledge	24/01/2022	International
Prof. Deepak K. Singh	Editor-in-Chief, Panjab University	31/01/2022	National

### PHILOSOPHY

Name of Recipient	Details of Achievement	Date	Regional/ National/ International
Dr. Shivani Sharma	Subject Expert of the BOC and Advisory Committee, Department of Gandhian Studies Panjab University Chandigarh	20/07/2021	Other
Dr. Shivani Sharma	Subject Expert of Board of Studies at GNDU Amritsar, Subject Expert of Board of Studies at GNDU Amritsar	02/07/2021	National
Dr. Shivani Sharma	Member of Doctoral Student Research Committee Shri Mata vAishno Devi University, Shri Mata vAishno Devi University	25/02/2022	State
Dr. Shivani Sharma	Visiting faculty at NMIMS Chandigarh, NMIMS Chandigarh	02/12/2021	Other
Dr. Shivani Sharma	Coordinator of USOL, Panjab University, Chandigarh, Panjab University, Chandigarh	26/02/2022	State
Dr. Shivani Sharma	Vice President Akhil Bhartiya Darshan Parishad, Akhil Bhartiya Darshinik Parishad	01/07/2021	National
Dr. Shivani Sharma	Expert, Rajasthan Public Service Commission, Ajmer	16/06/2022	National
Dr. Shivani Sharma	Member of Board of studies at Panjabi University, Patiala, Panjabi University	02/07/2021	State

<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/ National/ International</b>
Dr. Shivani Sharma	Member of Evaluation cum Screening Committee, Department of Education, Panjab University, Chandigarh	12/10/2021	Other
Prof. Asha Maudgil	Member of UGBOS, Kurukshetra University	01/07/2021	State

### **PSYCHOLOGY**

<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/ National/ International</b>
Dr. Roshan Lal	Member Board of Studies of School of Humanities and Physical Education, CT University, Punjab	14/08/2021	State
Professor Jitendra Mohan	Asia Pacific Association of Psychology, International Society of Sport Psychology	30/10/2021	International
Roshan Lal	Civilian State Award, Police Administration, Chandigarh	15/08/2021	State
Roshan Lal	Member of Academic Advisory Committee of School of Humanities and Physical Education, CT University, Punjab	19/08/2021	State

### **P.U. INSTITUTE OF SOCIAL SCIENCE EDUCATION & RESEARCH**

<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/ National/ International</b>
NIL	NIL	NIL	NIL

### **SOCIOLOGY**

<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/ National/ International</b>
NIL	NIL	NIL	NIL

### **PUBLIC ADMINISTRATION**

<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/ National/ International</b>
Prof. Ramanjit K. Johal	Outside Expert of the Faculty of Social Sciences, Maharishi Dayanand University, Rohtak	17/09/2021	State
Prof. Ramanjit K. Johal	Expert Member, Selection Committee, Odisha Public Service Commission	15/09/2021	State
Prof. Ramanjit K. Johal	Member, Board of Studies, Goa University, Taleigao Plateau, Goa	17/01/2022	State
Prof. Ramanjit K. Johal	Expert Member, Selection Committee, Deendayal Energy University, Gandhinagar	09/02/2022	State



## SCHOOL OF COMMUNICATION STUDIES

Name of Recipient	Details of Achievement	Date	Regional/ National/ International
Archana R Singh	Best blogger, Blog India Blog	20/12/2021	State
Archana R Singh	Board of Studies, Central University of Haryana	10/03/2022	National
Dr. Sumedha Singh	Certificate of Participation, STREE SHAKTI-The Parallel Force	01/02/2022	National
Dr. Sumedha Singh	Subject Expert on Selection Committee, MCMDAV College Chandigarh	22/11/2021	State
Dr. Sumedha Singh	Subject Expert (VC nominee) on Selection Committee, Governing Body, MCMDAV College for Women	22/11/2021	Other
Jayanth N Pethkar	Award of excellence, PRCI & WCD	22/10/2021	National
Jayanth N.Pethkar	Entrepreneur and Achiever Awards 2022, Public Relation Council of India	18/05/2022	National
Prof. Archana R.Singh	Certificate of Achievement, Global Communication Education Conclave 2022	02/03/2022	International
Prof. Mohanmeet Khosla	Member Selection Committee, JP University of Information technology, Solan, HP	05/01/2022	National
Prof. Mohanmeet Khosla	Member Selection Committee, MCM DAV College Chandigarh	24/11/2021	State
Prof. Mohanmeet Khosla	Member JAAC, Center for Women Studies and Development, PU,. Chd, PU Chd	01/07/2021	Other
Prof. Mohanmeet Khosla	Member Board of Studies in Journalism, CAMS, Punjabi University Patiala	10/06/2022	State

## CENTRE FOR SOCIAL WORK

Name of Recipient	Details of Achievement	Date	Regional/ National/ International
NIL	NIL	NIL	NIL

## CENTRE FOR POLICE ADMINISTRATION

Name of Recipient	Details of Achievement	Date	Regional/ National/ International
Dr. Anil Monga	NIL, 0	30/06/2022	Not Applicable
Dr. Kuldeep Singh	NIL, 0	30/06/2022	Not Applicable

## CENTRE FOR HUMAN RIGHTS & DUTIES

Name of Recipient	Details of Achievement	Date	Regional/ National/ International
NIL	NIL	NIL	NIL

## UNIVERSITY BUSINESS SCHOOL

<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/ National/ International</b>
NIL	NIL	NIL	NIL

## UNIVERSITY INSTITUTE OF APPLIED MANAGEMENT SCIENCES

<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/ National/ International</b>
Dr. Monika Aggarwal	Intellectual Capital and Firm Performance: A Systematic Literature Review (Appreciation Certificate), Gian Jyoti	13/10/2021	National

## UNIVERSITY INSTITUTE OF HOTEL AND TOURISM MANAGEMENT

<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/ National/ International</b>
Prashant K. Gautam	Nomination as Ordinary Fellow of Senate, Panjab University, Chandigarh., P.U. Chandigarh	31/10/2021	Other

## INDIAN THEATRE

<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/ National/ International</b>
Dr. Navdeep Kaur	Member of Preliminary Selection Committee, National School of Drama, New Delhi	15/12/2021	National
Dr. Navdeep Kaur	Contribution in Performing Arts, Punjabi Film and Television Actors Association	27/03/2022	State
Dr. Navdeep Kaur	Member of Board of Studies, Raja Mansingh Tomar Music & Arts University, Gwalior, Raja Mansingh Tomar Music & Arts University, Gwalior	13/09/2021	State
Dr. Navdeep Kaur	Non Official Member on The Managing Body of the Tagore Theatre Society, Chandigarh, Tagore Theatre Society, Sector 18-B, Chandigarh	11/04/2022	State
Dr. Navdeep Kaur	Member of Board of Studies, Khalsa College Patiala	12/05/2022	State
Dr. Navdeep Kaur	Member of Final Selection Committee, National School of Drama, New Delhi	20/02/2022	National
Dr. Navdeep Kaur	Member of Final Selection Committee, National School of Drama, New Delhi	19/02/2022	National
Dr. Navdeep Kaur	Member of Final Selection Committee, National School of Drama, New Delhi	18/02/2022	National
Dr. Navdeep Kaur	Member of Final Selection Committee, National School Of Drama, New Delhi	17/02/2022	National
Dr. Navdeep Kaur	Member of Preliminary Selection Committee, National School of Drama, New Delhi	14/12/2021	National
Dr. Navdeep Kaur	Member of Final Selection Committee, National School of Drama, New Delhi	16/02/2022	National
Dr. Navdeep Kaur	Member of Final Selection Committee, National	15/02/2022	National

<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/ National/ International</b>
	School of Drama, New Delhi		
Dr. Navdeep Kaur	Member of Final Selection Committee, National School of Drama, New Delhi	14/02/2022	National
Dr. Navdeep Kaur	Member of Board of Studies, Raja Mansingh Tomar Music & Arts University, Gwalior, Raja Mansingh Tomar Music & Arts University, Gwalior	14/09/2021	State

### **ART HISTORY AND VISUAL ARTS**

<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/ National/ International</b>
NIL	NIL	NIL	NIL

### **MUSIC**

<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/ National/ International</b>
NIL	NIL	NIL	NIL

### **COMMUNITY EDUCATION & DISABILITY STUDIES**

<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/ National/ International</b>
Dr. Md Saifur Rahman	National Education Iconic Awards 2022 for Best Assistant Professor Of The Year 2022, Vivekanand Foundation	20/02/2022	National

### **EDUCATION**

<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/ National/ International</b>
Dr Jatinder Grover	Covid 19 Pandemic : Impact & Amp; Amp; Challenges Before Higher Education, Indian Council Of Social Science Research, New Delhi	03/09/2021	National
Dr Nandita Singh	Award Of Appreciation, Dev Samaj College Of Education 36 B	08/03/2022	National
Dr Nandita Singh	Meticulous And Rigorous Evaluation, AICTE, New Delhi PCI, New Delhi	08/03/2022	National
Dr. Nandita Singh	For Outstanding Community Spirit And Leadership, Dev Samaj Collge Of Education 36b	08/03/2022	National
Dr. Nandita Singh	Certificate of Appreciation, AICTE	08/03/2022	National
Dr. Nandita Singh	Nep 2020 Transforming & Rejuvenating Higher Education For Nation Building, Aicte	30/04/2022	National
Prof. Kirandeep Singh	Award of Appreciation, Panjab University	08/03/2022	State
Prof. Latika Sharma	Letter of Appreciation, Nalanda College Of Education an ISO 9001: 2008 & NAAC "B" Accredited Institute (recognized by NCTE & Affiliate D to H.N.B.	06/06/2022	National



<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/ National/ International</b>
	Garhwal Central University, Srinagar		
Prof. Latika Sharma	Hemvati Nanad Bahugunda Gadwal Vishwavidhyalay, Sri Nagar, Hemvati Nanad Bahugunda Gadwal Vishwavidhyalay, Sri Nagar	24/05/2022	State
Prof. Latika Sharma	Letter of Appreciation, PANJAB UNIVERSITY DEPARTMENT OF PUBLIC ADMINISTRATION Arts Block-III (Firsl Floor), Sctor-14, Chandignrh- 160014	28/06/2022	National

### **LIFELONG LEARNING & EXTENSION**

<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/National/ International</b>
NIL	NIL	NIL	NIL

### **INSTITUTE OF EDUCATIONAL TECHNOLOGY & VOCATIONAL EDUCATION**

<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/ National/ International</b>
Amritpal Kaur	NIL	02/08/2021	Not Applicable
Kalpana Thakur	NIL	02/08/2021	Not Applicable
Kanwalpreet Kaur	NIL	02/08/2021	Not Applicable
Puja Ahuja	NIL	02/08/2021	Not Applicable
Rekha Rani	NIL	02/08/2021	Not Applicable

### **PHYSICAL EDUCATION**

<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/ National/ International</b>
Prof. Th. Nandalal Singh	Dr. G.P. Gautam Award for Best Physical Education Teacher (Central Zone), PEFI	11/03/2022	National
Prof. Th. Nandalal Singh	Indo Asisa Distinguished Education Excellence Award 2022, Red Talks Internation	28/02/2022	International

### **DR SS BHATNAGAR UNIVERSITY INSTITUTE OF CHEMICAL ENGG. & TECH.**

<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/ National/ International</b>
Anupama Sharma	NBA Expert Member, National Board of Accreditation	26/04/2022	National
Anupama Sharma	Session Chair, Asian Polymer association	27/08/2021	International
Anupama Sharma	Charotar University Of Science And Technology, National Assessment and accreditation council	02/02/2022	National

<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/ National/ International</b>
Anupama Sharma	Constitution of Monitoring Committee for the CSIR NMITLI Project on the Development of Innovative eco-friendly/formaldehyde free Fluorescent Pigments for vast array of water and solvent based applications, CSIR-NMITLI project	09/08/2021	National
Anupama Sharma	11th National Petrochemicals Awards-Approved constitution of Expert Committee -reg., Ministry of petroleum, Shastri Bhawan, New Delhi	15/02/2022	National
Dr. Amit Sobti	Best Paper (Oral) Award, RGUKT- IIChe-AR, Andhra Pradesh	18/09/2021	International
Maninder Kaur	Top cited article, Wiley	31/03/2022	International
Prof. Meenakshi Goyal	Global Faculty Award, AKS Education award	15/01/2022	International
Seema Kapoor	Certificate of Commendation for outstanding dedicated contribution of service during the Covid-19 pandemic, The Divine Family of Brahma Kumaris	16/02/2022	State
Seema Kapoor	Best Paper Presentation Certificate, Panjab University	05/03/2022	International
Seema Kapoor	Session Chair, Birla Institute of Technology & Science Pilani	16/03/2022	International
Seema Kapoor	Best Teacher Award, Lions Club Chandigarh Central	05/09/2021	State
Seema Kapoor	Panelist for Interviews at HPSC, Haryana Public Service Commission	25/01/2022	State

### **ENERGY RESEARCH CENTRE**

<b>Name of recipient</b>	<b>Details of achievement</b>	<b>Date</b>	<b>Regional/National/ International</b>
NIL	NIL	NIL	NIL

### **UNIVERSITY INSTITUTE OF ENGINEERING & TECHNOLOGY**

<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/National/ International</b>
NIL	NIL	NIL	NIL

### **UNIVERSITY CENTRE OF INSTRUMENTATION AND MICRO-ELECTRONICS**

<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/National/ International</b>
NIL	NIL	NIL	NIL

### CHINESE AND TIBETAN LANGUAGES

Name of Recipient	Details of Achievement	Date	Regional/ National/ International
Prof. Damodar Panda	NIL	01/07/2021	Not Applicable
Prof. Vijay Kumar Singh	NIL	01/07/2021	Not Applicable

### DAYANAND CHAIR FOR VEDIC STUDIES

Name of Recipient	Details of Achievement	Date	Regional/National/ International
NIL	NIL	NIL	NIL

### ENGLISH & CULTURAL STUDIES

Name of Recipient	Details of Achievement	Date	Regional/National/ International
NIL	NIL	NIL	NIL

### FRENCH & FRANCOPHONE STUDIES

Name of Recipient	Details of Achievement	Date	Regional/National/ International
Dr. Ramnik Aurora	World Poetry Day, Panjab University	22/03/2022	Other

### GERMAN

Name of Recipient	Details of Achievement	Date	Regional/National/ International
Dr Arijit Dakshi	NIL	01/07/2021	Not Applicable

### HINDI

Name of Recipient	Details of Achievement	Date	Regional/National/ International
Dr. Gurmeet Singh	Member of Board of Under Graduate Studies (BUGS) in Hindi, Assam University, Silchar	12/07/2021	National
Dr. Gurmeet Singh	Member of Hindi Salahkar Samiti, Department of Telecommunication, Govt. of India	26/04/2022	National

### PUNJABI

Name of Recipient	Details of Achievement	Date	Regional/National/ International
Sarabjit Singh	UKO Amrita Pritam Bhasha-Setu Samman, UKO Bank	09/09/2021	National
Sarabjit Singh	Dr. Ravinder Singh Ravi Yaadgari Alochna Puruskar, Kendry Punjabi Lekhak Sabha (Regd.)	12/09/2021	National
Sarabjit Singh	Dr. Atam Humrahi Yaadgari Puruskar, Chintansheel Sahitdhara	05/03/2022	National

### RUSSIAN

Name of Recipient	Details of Achievement	Date	Regional/National/ International
Nil	NIL	01/10/2021	NA



## SANSKRIT

Name of Recipient	Details of Achievement	Date	Regional/National/ International
Prof. V.K.Alankar	महर्षि वाल्मीकि पुरस्कार, Haryana Sanskrit Academy, Panchkula	24/02/2022	National

## URDU

Name of Recipient	Details of Achievement	Date	Regional/National/ International
Dr. Ali Abbas	Certificate of Reviewership, Institute of Urdu Language & Literature University of Punjab Lahore	11/02/2022	International
Dr. Ali Abbas	Reviewer Certificate, Pakistan Journal of Media Sciences (PJMS)	01/07/2021	International
Dr. Ali Abbas	Certificate of Reviewership, institute of Urdu Language & Literature University of Punjab Lahore	11/02/2022	International
Dr. Ali Abbas	Certificate of Reviewership, Institute of Urdu Language & Literature University of Punjab Lahore	11/02/2022	International

## VISHVESHVARANAND VISHWA BANDHU INSTITUTE OF SANSKRIT AND INDOLOGICAL STUDIES

Name of Recipient	Details of Achievement	Date	Regional/ National/ International
Nil	Nil	Nil	Nil

## LAWS

Name of Recipient	Details of Achievement	Date	Regional/ National/ International
Dr. Anju Sharma	Certificate of Appreciation, Punjab & Haryana High Court, Chandigarh	08/03/2022	National
Dr. Anju Sharma	Certificate of Appreciation, UILS, Panjab University, Chandigarh	04/06/2022	State
Dr. Anju Sharma	Presence as a judge, Department of Laws, Panjab University, Chandigarh	27/05/2022	National
Dr. Anju Sharma	Presence as a judge, Department of Laws, Panjab University, Chandigarh	11/12/2021	State
Dr. Anju Sharma	Letter of Appreciation, Department of Laws, Panjab University, Chandigarh	09/04/2022	National
Dr. Anju Sharma	Letter of Appreciation, Department of Laws, Panjab University, Chandigarh	09/04/2022	National
Prof. Supinder Kaur	Member Board of Studies and Research Advisory Board at BPSMV, Sonipat., BPSMV, Sonipat	01/07/2021	State

<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/ National/ International</b>
Prof. Supinder Kaur	Participated as Panelist in two days Online Training Programme on “Prevention of Sexual Harassment (POSH) Act: Implementation, Gaps and Way Forward”, IIM, Kashipur	17/11/2021	National
Prof. Supinder Kaur	Member Academic and Administrative Committees at Centre for Human Rights, Centre of Public Health, Department of Woman Studies in Panjab University, Chandigarh, Panjab University, Chandigarh	01/07/2021	State
Prof. Vandana Arora	Nominated by Punjab Govt. as member of Academic Council of Sant Baba Bhag Singh University, Sant Baba Bhag Singh University	29/04/2022	National

### **UNIVERSITY INSTITUTE OF LEGAL STUDIES**

<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/ National/ International</b>
Anupam Bahri	Women Achiever Award, Global Intellectual Forum	06/03/2022	International
Dr Bharat	Member of Board Of Studies, Maharaja Agrasen University Baddi	01/06/2022	National
Dr. Bharat	Member of Board Of Studies, Madhusudan Law University Cuttack	01/06/2022	National
Dr. Bharat	Nomination as School Managing Committee Member, Dyal Singh College Trust Society, Karnal	01/06/2022	Other
Dr. Bharat	Member of Syndicate, Governor's Secretariat	20/05/2022	Other
Dr. Rattan Singh	Acted as Panelist, ICSSR North-Western Regional Centre PU CHD	18/03/2022	National
Dr. Bharat	MEMBER of Academic Committee, Centre for Police Administration	19/01/2022	Other
Prof. Shruti Bedi	Co-coordinator, Centre for Constitution and Public Policy, University Institute of Legal Studies, Panjan University, Chandigarh	06/06/2022	International
Prof. Shruti Bedi	The Phenomenal She, 2022, Indian National Bar Association, New Delhi	29/03/2022	National
Prof.(Dr.) Rajinder Kaur	na, PES University, Bengaluru	24/05/2022	National
Shruti Bedi	Organiser, National Institute of Military Justice, Washington DC, USA	06/06/2022	International

### **DR HARVANSH SINGH JUDGE INSTITUTE OF DENTAL SCIENCES & HOSPITAL**

<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/National/ International</b>
Dr Anubha Gulati	Program Coordinator in the Organising Team, Department of Oral Pathology, Dr HSIJDS &H	06/04/2022	Other

<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/National/ International</b>
Dr Arun K Garg	Judged Competitive Research Papers, Indian Orthodontic Society	24/09/2021	National
Dr Arun K Garg	Advisor at IOS PG convention, IOS & COSG	12/03/2022	National
Dr Hemant Batra	PU Senate member, PU	23/09/2021	State
Dr Jagat Bhushan	PU Senate member, PU	23/09/2021	State
Dr Lalit	Academy of oral Implantology, Academy of oral Implantology	16/04/2022	National
Dr Lalit	PCC Mentor, IPS Chennai	05/12/2021	National
Dr Lalit	Commendation and medal at a function and Certificate of honor, Fellow of Academy of oral Implant Academy of oral Implantology	16/04/2022	International
Dr Lalit Bida	Guest Speaker, HSJIDS	17/05/2022	Other
Dr Lalit Kumar	Module Conductor, Cowellmedi	05/05/2022	International
DR Lalit Kumar	Title of Fellow, Academy of oral implantology	16/04/2022	National
Dr Neha Bansal	Acknowledgement for acting as a Peer reviewer, Hindawi limited	12/01/2022	International
Dr Puneet	judge, Kalinga Institute of Dental Sciences	27/10/2021	National
Dr Puneet	PCC Mentor, IPS Chennai	05/12/2021	National
Dr Puneet	Chairperson, Kalinga Institute of Dental Sciences	27/10/2021	National
Dr Rosy	Organizing team-walkathon, Panjab University and Panjab state council for science and technology, Chandigarh	24/02/2022	National
Dr Rosy	Organizing team-events held at HSJIDS, Panjab University and Panjab state council for science and technology, Chandigarh	25/02/2022	National
Dr Rosy	Organizing tean-dental exhibition, Panjab University and Panjab state council for science and technology, Chandigarh	24/02/2022	National
Dr Shefali	President IPS, IPS Haryana	28/08/2021	National
Dr Shefali	President, IPS Haryana	17/05/2022	National
Dr Shefali Singla	PCC Mentor, IPS	01/12/2021	National
Dr Shefali Singla	President IPS, IPS	17/05/2022	State
Dr. Shefali Singla	Chairperson, Prosthopedia	21/12/2021	Other
Dr. Archana Agnihotri	5th national conference on tobacco or health (virtual), 5th NCTH	25/09/2021	National
Dr. Archana Agnihotri	5th National conference on tobacco and health (virtual), 5th NCTH	25/09/2021	National
Dr. Hemant Batra	Certificate of Appreciation, Punjab Youth	25/08/2021	State



<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/National/ International</b>
	Development Board		
Dr. Ikreet Singh Bal	Convenor, Panjab University	26/02/2022	National
Dr. Ikreet Singh Bal	Contribution towards Covid-19 Vaccination Drive, Panjab University	15/08/2021	National
Dr. Ikreet Singh Bal	Convenor, Panjab University	25/02/2022	National
Dr. Ikreet Singh Bal	Convenor, Panjab University	25/02/2022	National
Dr. Ikreet Singh Bal	Covenor, Panjab University	24/02/2022	National
Dr. Jagat Bhushan	President Elect, Indian Association of Conservative Dentistry and Endodontics, Indian Association of Conservative Dentistry and Endodontics	01/11/2021	National
Dr. Lalit Kumar	Preconference course Conductor, IPS	04/03/2022	National
Dr. lalit Kumar	Module Conductor and speaker, Cowellmedi Co. Ltd	03/06/2022	International
Dr. Leena	3rd National conference Indian society of dental traumatology, Indian society of dental traumatology	17/10/2021	National
Dr. Prabhjot kaur Walia	ember of the organising team, Panjab University	25/02/2022	National
Dr. Prabhjot Kaur Walia	Member of the organising team, Panjab University	24/02/2022	National
Dr. Prabhjot Kaur Walia	Member Of The organising team, Panjab University	25/02/2022	National
Dr. Puneet	Organizing Secretary, DHHSIDS	21/12/2021	Other
Dr. Rosy Arora	42nd National ISPPD (virtual) conference 2021, Siksha 'O' Anusandhan	25/11/2021	National
Dr. Ruchi Singla	Vigyan Sarvatra Pujyate, Panjab University	26/02/2022	National
Dr. Shefali Singla	Guest lecture in Guru Deeksha, IPS	03/07/2021	National
Dr. Urvashi Sharma	Certificate of honor, Indian Society of Peododntics and Preventive Dentistry	08/03/2022	National
Dr. Vivek Kapoor	Co-Convenor, Panjab University	24/02/2022	National
Dr. Vivek Kapoor	Co-Convenor, Panjab University	25/02/2022	National
Dr. Vivek Kapoor	Co- Convenor, Panjab University	26/02/2022	National

### **UNIVERSITY INSTITUTE OF PHARMACEUTICAL SCIENCES**

<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/National/ International</b>
Professor Ranju Bansal	DHR Young Scientist Fellowship, DHR New Delhi	17/08/2021	National
Professor Ranju Bansal	Member BPGS, Tripura University	31/08/2021	National

<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/National/ International</b>
Professor Ranju Bansal	UGC BSR Mid Career Award, UGC New Delhi	01/11/2021	National

### **ANTHROPOLOGY**

<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/National/ International</b>
Nil	Nil	Nil	Nil

### **BIOCHEMISTRY**

<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/National/ International</b>
Prof Rajat Sandhir	Member of Academic Council, Punjabi University	23/08/2021	National
Prof. Archana Bhatnagar	Technical partner for setting up Skill Vigyan Program under the aegis of Punjab State Council for Science & Technology by DBT, GOI . Traning Program conducted in Nov-Dec,2021, DBT	18/11/2021	National
Prof. Archana Bhatnagar	Emerging Trends and Alternatives in Pharmacological Research, UIPS	14/02/2022	National
Prof. Rajat Sandhir	Neuroscience Research Notes, IAN	12/08/2021	National
Prof. Rajat Sandhir	Editorial Board, Neurochemistry International, Elsevier	14/07/2021	International
Prof. Rajat Sandhir	Member, Editorial board, Panjab University research journal, Panjab University	16/11/2021	National
Prof. Rajat Sandhir	Member, Senate of NIPER, Raibareli, UP, NIPER	10/12/2021	National
Prof. Rajat Sandhir	Member, Conference comettie of ISN, ISN	08/12/2021	International
Prof. Rajat Sandhir	KT Shetty Memorial Oration of the Indian Academy of Neuroscience, IAN	18/12/2021	National

### **BIOPHYSICS**

<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/ National/ International</b>
Dr. Avneet Saini	Development of a peptide functionalized antifouling graphitic nano-coating, DST	24/08/2021	National
Dr. Tanzeer Kaur	SERB-SIRE, SERB	12/05/2022	International
Pavitra Ranawat	Resourse person, Uttarakhand Ayurved University	08/05/2022	International

### **BIOTECHNOLOGY**

<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/National/ International</b>
Prof. Jagdeep Kaur	Award for Exceptional Service to the society through Science & Technology, Indian Science Congress Association Chandigarh Chapter	08/03/2022	State

## BOTANY

Name of Recipient	Details of Achievement	Date	Regional/ National/ International
Harsh Nayyar	Top Plant Science and Agronomy Scientists in India, Research.com	06/12/2021	International
Prof. C. Nirmala	Appointed World Bamboo Ambassador from India by World Bamboo Organization, USA (2015 onwards), The World Bamboo Organization (WBO), United States	20/01/2022	International
Prof. Daizy Rani	Top Plant Science and Agronomy Scientists in India, Research.com	06/12/2021	International
Prof. Promila Pathak	Member, Programme Advisory Committee under CURIE Programme of WISE Kiran Division DST (2022-2025), DST	28/01/2022	National
Prof. Promila Pathak	Co-ordinator for Refresher Course in Environment Studies, Panjab University, Chandigarh	17/11/2021	Other
Prof. Promila Pathak	Honoured with creating an orchid hybrid in name Phalaenopsis Promila Pathak White (registered at Royal Horticultural Society, London) during 2021, Royal Horticultural Society, London	04/11/2021	International

## CHEMISTRY

Name of Recipient	Details of Achievement	Date	Regional/ National/ International
Dr. Jyoti Agarwal	Certificate of honour, chemistry for society	19/07/2021	National
Prof. Alok Srivastava	President Alexander von Humboldt Chandigarh Chapter, Alexander von Humboldt-Stiftung / Foundation Germany	01/07/2021	International
Prof. Alok Srivastava	Certificate of Excellence, Indian Society of Analytical Scientists (ISAS)	25/09/2021	National
Prof. Alok Srivastava	Member of Symposium Organising Committee Dae-Brns Symposium On Nuclear And Radiochemistry (Nucar-2021), Department Of Atomic Energy India	06/10/2021	National
Prof. Alok Srivastava	Member of National Organizing Committee The Fifth International Conference on Application of RadiotraCers and Energetic Beams in Sciences (ARCEBS 23), ARCEBS 23	05/05/2022	International
Prof. Ganga Ram Chaudhary	Synergistic Training program Utilizing the Scientific and Technological Infrastructure (STUTI), Department of Science and Technology, Govt of India	21/01/2022	National
Prof. Ganga Ram Chaudhary	Synergistic Training program Utilizing the Scientific and Technological Infrastructure (STUTI), DST, INDIA	31/01/2022	National

## COMPUTER SCIENCE & APPLICATIONS

Name of Recipient	Details of Achievement	Date	Regional/ National/ International
Nil	Nil	Nil	Nil

## ENVIRONMENT STUDIES

Name of Recipient	Details of Achievement	Date	Regional/ National/ International
Dr. Suman	Installation of CUPI And the Aakash Project, Aakash Project	01/02/2022	International
Dr. Suman Mor	State Level Environment Impact Assessment Authority, Chandigarh, MOEFCC	31/01/2022	State
Dr. Suman Mor	2% scientist Award, Stanford University	04/02/2022	International
Dr. Suman Mor	Research and Publication award announcement 2020, Panjab University	28/09/2021	Other
Dr. Suman Mor	National award for outstanding efforts in Science and Technology Communication through innovative and traditional methods, DST	28/02/2022	National
Dr. Suman Mor	Outstanding efforts in Science and Technology Communication through Innovative and traditional methods, Panjab University, Chandigarh	17/05/2022	Other

## GEOLOGY

Name of Recipient	Details of Achievement	Date	Regional/ National/ International
Dr. Gurmeet Kaur	Invited Talk Geodiversity, Geoheritage, and Geoconservation: Global and Indian Perspective', UGC HRDC	21/02/2022	National
Dr. Gurmeet Kaur	Cordinated FDP on understanding Geodiversity & Geoheritage, UGC HRDC	22/02/2022	National
Dr. Gurmeet Kaur	editor of the IUGS E-Bulletin and as manager of IUGS Social Media, IUGS	31/07/2021	International
Dr. Gurmeet Kaur	Associate Editor, Episodes Journal (IUGS), IUGS	31/07/2021	International
Dr. Gurmeet Kaur	Chair of Heritage Stone Sub-commission, IUGS	31/07/2021	International
Dr. Mahesh Thakur	Best paper presentation award by Indian National Cartographic Association (INCA), Hyderabad during International conference on "Cartography for Self-Reliant India".n, INCA	29/10/2021	International
Dr. Mahesh Thakur	Radiation Safety Officer, BARC	29/06/2022	National
Dr. Mahesh Thakur	Mountain Disaster Management - Landslide, Chitkara University	17/06/2022	National
Prof. Ashu Khosla	Advisory Editorial Committee,, Gondwana Geological Society, Nagpur, India, Gondwana Geological Society, Nagpur, India	01/01/2022	National
Prof. Ashu Khosla	Executive Council Member & Editorial Member Journal of the Palaeontological Society of India, Palaeontological Society of India	31/03/2022	National
Prof. Rajeev Patnaik	Key Note Address, BSIP	09/07/2021	National



Prof. Rajeev Patnaik	Member PAC, SERB, DST, Govt. 2022-2024, DST	09/05/2022	National
Prof. Rajeev Patnaik	Executive Member Palaeontological Society of India, The Palaeontological Society of India	01/08/2021	National

### INSTITUTE OF FORENSIC SCIENCE & CRIMINOLOGY

Name of Recipient	Details of Achievement	Date	Regional/ National/ International
Vishal Sharma	Top 2% of Researchers in the World” in single year impact (2020). List published by Stanford University, USA and Elsevier on 19 Oct, 2021. Listed among top 2% researcher in the world in the sub-fields in Applied Physics, Medicinal & Biomolecular Chemistry., Stanford University, USA	19/10/2021	International
Vishal Sharma	International Travel grant to present the research work (Oral presentation) in an International conference 74th Annual Scientific Conference of the American Academy of Forensic Sciences (AAFS 2022) from February 21-25, 2022 in Seattle, Washington by SERB, DST, Govt of India., SERB, DST, Govt of India.	21/02/2022	International

### MATHEMATICS

Name of Recipient	Details of Achievement	Date	Regional/ National/ International
Dinesh Khurana	Editorial Board Membership, Ramanujan Mathematical Society	01/09/2021	National
Dr. Aarti Khurana	Award for best oral paper presentation, NA	03/07/2021	National
Dr. Dilbag Singh	DST-JSPS (Co-PI), DST	10/01/2022	International
Prof. Madhu Raka	CSIR Senior Scientist, CSIR	24/03/2022	National
Prof. Madhu Raka	NASI Senior Scientist Platinum Jubilee Fellow, NASI	16/12/2021	National
Prof. S K Tomar	DST-JSPS, DST	20/01/2022	International

### MICROBIOLOGY

Name of Recipient	Details of Achievement	Date	Regional/ National/ International
Dr. Vijay Prabha	Certificate for appointment as Editor for Global journal of Fertility and Research, peertechz publications	18/11/2021	International

### DEPARTMENT CUM NATIONAL CENTRE FOR HUMAN GENOME STUDIES & RESEARCH

Name of Recipient	Details of Achievement	Date	Regional/ National/ International
NIL	NIL	NIL	NIL

## PHYSICS

Name of Recipient	Details of Achievement	Date	Regional/ National/ International
C N Kumar	Nomination of External Expert on the Undergraduate Board of Studies in the Dept. of Physics, K.U.K., Nomination of External Expert on the Undergraduate Board of Studies in the Dept. of Physics, K.U.K.	22/06/2022	Other
C N Kumar	External expert for the Ph.D. evaluations, Research Degrees Evaluation Cell, Division of Examination Lovely Professional University Punjab.	07/06/2022	Other
C N Kumar	Member of advisory board of IJPER, Chief Editor, IJPER	20/01/2022	Other
C N Kumar	UG Board Member, Panjabi University, Patiala, -	05/07/2021	Not Applicable
Vipin Bhatnagar	Expert External Member, Institute Research Board	01/07/2021	Not Applicable
Vipin Bhatnagar	Invited Participation, Govt. Of India	04/07/2021	Not Applicable
Vipin Bhatnagar	Board of Studies External Member, Physics Department	01/07/2021	Not Applicable

## DEPARTMENT OF STATISTICS

Name of Recipient	Details of Achievement	Date	Regional/ National/ International
Prof. Narinder Kumar	8th Venus International Science and Technology Awards – VISTA 2022, Venus International Foundation, India	11/05/2022	International

## UNIVERSITY INSTITUTE OF FASHION TECHNOLOGY & VOCATIONAL DEVELOPMENT

Name of Recipient	Details of Achievement	Date	Regional/ National/ International
Anu H. Gupta	Member Board of Control, Centre for social work, PU, Chandigarh, Panjab University	17/07/2021	Other
Anu H. Gupta	Awarded Shastri Conference and Lecture Series, Shastri Indo-Canadian Institute, New Delhi	07/02/2022	International
Anu H. Gupta	Member Technical Committee, Department cum Centre for Women's studies and Development, PU, Chandigarh, Panjab University, Chandigarh	17/01/2022	Other
Anu H. Gupta	Member, Skill Development Board, Panjab University, Chandigarh	03/03/2022	Other
Anu H. Gupta	Expert Research Board Meeting, KMV, Jalandhar, KMV, Jalandhar	31/10/2021	National
Anu H. Gupta	Member Administrative committee Centre for Human Rights and Duties, Panjab Univeristy	02/07/2021	Other
Dr. Anu H. Gupta	Coordinator 7-Days Online Faculty Development Programme “Fostering the Boundaries of Fashion Design and Technology Course for Enhanced Employability” from 15-21st March 2022., HRDC, Panjab University, Chandigarh	15/03/2022	National

## ZOOLOGY

Name of Recipient	Details of Achievement	Date	Regional/ National/ International
Prof Sukhbir Kaur	Nominated Senate member, Panjab University	01/01/2022	National

## CENTRE FOR MEDICAL PHYSICS

Name of Recipient	Details of Achievement	Date	Regional/ National/ International
NIL	NIL	NIL	NIL

## DEPARTMENT OF MICROBIAL BIOTECHNOLOGY

Name of Recipient	Details of Achievement	Date	Regional/ National/ International
Dr. Rachna Singh	Reviewer for international journal, Microbiology Spectrum journal, ASM Press	26/10/2021	International
Dr. Rachna Singh	One of the Most accessed papers of the journal, Mycoses Journal	01/07/2021	NotApplicable
Dr. Rachna Singh	Manuscript published contributing to increased impact factor of the journal, Mycoses journal	07/07/2021	International
Dr. Rachna Singh	Guest Editor for Frontiers in Cellular and Infection Microbiology (journal), series & quot; Research Advances in mucormycosis & quot;, Frontiers in Cellular and Infection Microbiology (journal)	25/08/2021	International
Dr. Rachna Singh	Associate Editor for Frontiers in Cellular and Infection Microbiology, Speciality section Biofilms, Frontiers in Cellular and Infection Microbiology (journal)	29/06/2022	International

## CENTRE FOR NANOSCIENCE AND NANOTECHNOLOGY

Name of Recipient	Details of Achievement	Date	Regional/ National/ International
Akash Katoch	Resource person, UGC-HRDC University of Calicut	23/06/2022	National
Akash Katoch	Resource person, UGC-HRDC University of Calicut	15/12/2021	National
Dr. Jadab Sharma	Resource Person, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Maharashtra	09/12/2021	National
Dr. Jadab Sharma	Resource Person, UGC – Human Resource Development Centre, Sant Gadge Baba Amravati University, India	21/02/2022	National
Sunil Kumar Arora	Invited Talk, NIT , Hamirpur	28/05/2022	National

## CENTRE FOR NUCLEAR MEDICINE

Name of Recipient	Details of Achievement	Date	Regional/ National/ International
NIL	NIL	NIL	NIL

### **CENTRE FOR PUBLIC HEALTH**

<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/ National/ International</b>
Dr. Manoj Kumar	Best Assistant Professor, ICONIC Award 2022	20/02/2022	National
Manj Kumar	certificate of resource person, SIPHER	18/06/2022	State
Manoj Kumar	Appreciation for organizer, Dean student welfare Panjab University	13/05/2022	NotApplicable
Manoj kumar	Faculty development program, NIT Warangal, IIIT Tiruchirappalli	16/03/2022	National
Manoj Kumar	Faculty Induction Program, UGC HRDC Manipur	31/03/2022	National
Savita Prashar	AIDSCON-11, CSAC	12/03/2022	State
Savita Prashar	Work shop organizer, Centre for public health	29/04/2022	NotApplicable
Savita Prashar	Organizer for workshop, Centre for public health	16/03/2022	State

### **CENTRE FOR STEM CELL TISSUE ENGINEERING & BIOMEDICAL EXCELLENCE**

<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/ National/ International</b>
NIL	NIL	NIL	NIL

### **CENTRE FOR SYSTEM BIOLOGY & BIOINFORMATICS**

<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/ National/ International</b>
Dr. Tammanna R. Sahrawat	Identification of genes and pathways of COVID-19 comorbidity- associated diseases: A Network-based Systems Biology Study, DST Chandigarh	01/10/2021	Other

### **DEPARTMENT OF EVENING STUDIES**

<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/ National/ International</b>
Neeraj Jain	Nominated member of National Language Transmission mission by, Ministry of Electronics and Information Technology	06/04/2022	National
Professor Harsukhjit Kaur	Nominated as subject expert, Panjab University	17/05/2022	Other
Professor Suman Makkar	Chief Guest at Mehr Chand Mahajan DEV College for Women, Mehr Chand Mahajan DEV College for Women	17/05/2022	Other

### **UNIVERSITY SCHOOL OF OPEN LEARNING**

<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/ National/ International</b>
NIL	NIL	NIL	NIL



**P.U. REGIONAL CENTRE, LUDHIANA**

<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/ National/ International</b>
NIL	NIL	NIL	NIL

**P.U. REGIONAL CENTRE, MUKTSAR**

<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/ National/ International</b>
Dr Baljinder Kaur	Appointment Of Chief Co-Ordinator, Panjab University , Chandigarh	22/06/2022	State
Dr Baljinder Kaur	Paper setter for subject for PhD Entrance test, Central University Of Himachal	12/11/2021	National
Dr Baljinder Kaur	Evaluator Of Thesis, Panjab University , Chandigarh	12/03/2022	State

**P.U. RURAL CENTRE, KAUNI, MUKTSAR**

<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/ National/ International</b>
NIL	NIL	NIL	NIL

**P.U. S.S. GIRI REGIONAL CENTRE, HOSHIARPUR**

<b>Name of Recipient</b>	<b>Details of Achievement</b>	<b>Date</b>	<b>Regional/ National/ International</b>
Dr Harminder Singh Bains	Research Guide, IK Gujral Punjab Technical  University Kapurthala	02/07/2021	State
Dr Harminder Singh Bains	Member Expert Mechanical Engineering, NBA	02/07/2021	National



**LECTURES DELIVERED BY  
VISITING SCHOLARS**

## ANCIENT INDIAN HISTORY, CULTURE & ARCHAEOLOGY

Name and Address	Topic	Date
Dr. Kaburagi Yoshihiro, Japan	Indian National Army and Japanese Connection	2022-05-04
Prof. Harjeet Singh Gill, Professor Emeritus Jawaharlal Nehru University, New Delhi	Conceptual Structures in Literature and History	2021-10-11

## CENTRE FOR THE STUDY OF SOCIAL EXCLUSION AND INCLUSIVE POLICY

Lectures delivered by Visiting Scholars : NIL

## DEFENCE AND NATIONAL SECURITY STUDIES

Lectures delivered by Visiting Scholars : NIL

## DEPARTMENT-CUM-CENTRE FOR WOMEN'S STUDIES & DEVELOPMENT

Lectures delivered by Visiting Scholars : NIL

## ECONOMICS

Lectures delivered by Visiting Scholars: NIL

## GANDHIAN AND PEACE STUDIES

Dr. Christian Bartolf, Dr. Christian Bartolf, President, Gandhi Information Centre, Berlin, Germany	Mahatma Gandhi and Aldous Huxley	30.09.2021
Dr. Rakesh Malhotra, Dr. Rakesh Malhotra, Associate Professor, Department of Environmental, Earth and Geospatial Sciences North Carolina Central University, Durham, North Carolina	Geospatial Technologies and Peace	13.06.2022
	Peace and Geonit	10.06.2022
Dr. Sanjay Joshi, Dr. Sanjay Joshi, Additional Collector, Government of Gujarat and Former Chief Manager of the 'Statue of Unity' Presently posted at The Lal Bahadur Shastri National Academy of Administration (LBSNAA), Mussoorie	Online Lecture on "Understanding Sardar Patel and his Contribution to India	28.09.2021
Dr. Vedabhyas Kundu, Dr. Vedabhyas Kundu, Programme Officer in Gandhi Smriti and Darshan Samiti, New Delhi	Online Lecture on "Exploring Nonviolent Communication	18.08.2021
Prof. A.D.N. Bajpai, Prof. A.D.N. Bajpai, Vice Chancellor, Bilaspur (Chhattisgarh)	Contributions of Social Sciences towards Science and Technology	04.03.2022
Prof. Harmohinder Singh, Prof. Harmohinder Singh, Chancellor, Centre University of Himachal Pradesh	Observance of Martyrdom Day	30.01.2022
Prof. S.K. Tomar, Dean Research and DSW, PU., CHD	Offline Workshop, Display of Different Art Works and Celebration of 'World Disability Day'	2021-12-03
Professor Anamik Shahv, Professor Anamik Shah, Former Vice Chancellor, Gujarat Vidyapith, Ahmedabad	Mahatma Gandhi on the canvas of Indian freedom struggle	02.10.2021

Shri Ashok Motwani,  
Shri Ashok Motwani from Mumbai and Shri Sant  
Kumar Sharma from Jammu

Indus Water Treaty, its Challenges and Implications 02.04.2022

### **GEOGRAPHY**

Lectures delivered by Visiting Scholars : NIL

### **GURU NANAK SIKH STUDIES**

Dr. Amardeep Singh and Vaninder Kaur, Singapor	Footprints of Guru Nanak and Contemporary period	15.06.2022
Dr. Labh Singh Kheeva, Amritsar	‘Shabdik Sabhiyachar: Siddhant Te Vihar’	27.05.2022

### **LIBRARY & INFORMATION SCIENCE**

Lectures delivered by Visiting Scholars : NIL

### **INTERDISCIPLINARY CENTRE FOR SWAMI VIVEKANANDA STUDIES**

Lectures delivered by Visiting Scholars : NIL

### **HISTORY**

Lectures delivered by Visiting Scholars : NIL

### **POLITICAL SCIENCE**

Prof. Chintamani Mahapatra, JNU, New Delhi	Rising Strategic Turbulence in The Indo-Pacific: India's Choices	2021-12-17
Prof. G. Gopa Kumar, Central University of Kerala, Kerala	Language Policy and Politics of South Indian States	2021-12-20
Prof. V.R. Sinha, Panjab University, Chandigarh	“Preamble of Indian Constitution”	2021-11-26

### **PHILOSOPHY**

Lectures delivered by Visiting Scholars : NIL

### **PSYCHOLOGY**

Lectures delivered by Visiting Scholars : NIL

### **P.U. INSTITUTE OF SOCIAL SCIENCE EDUCATION & RESEARCH**

Lectures delivered by Visiting Scholars : NIL

### **SOCIOLOGY**

Lectures delivered by Visiting Scholars : NIL

### **PUBLIC ADMINISTRATION**

Lectures delivered by Visiting Scholars : NIL

### **SCHOOL OF COMMUNICATION STUDIES**

Lectures delivered by Visiting Scholars : NIL

### **CENTRE FOR SOCIAL WORK**

Lectures delivered by Visiting Scholars : NIL



### **CENTRE FOR POLICE ADMINISTRATION**

Lectures delivered by Visiting Scholars : NIL

### **CENTRE FOR HUMAN RIGHTS AND DUTIES**

Lectures delivered by Visiting Scholars : NIL

### **UNIVERSITY BUSINESS SCHOOL**

Lectures delivered by Visiting Scholars : NIL

### **UNIVERSITY INSTITUTE OF APPLIED MANAGEMENT SCIENCES**

Lectures delivered by Visiting Scholars : NIL

### **UNIVERSITY INSTITUTE OF HOTEL AND TOURISM MANAGEMENT**

Lectures delivered by Visiting Scholars : NIL

### **INDIAN THEATRE**

Lectures delivered by Visiting Scholars : NIL

### **ART HISTORY AND VISUAL ARTS**

Professor Sangeeta Bagga Mehta,  
Chandigarh College of Architecture,  
Chandigarh

Architecture and Art of Chandigarh: The first modern  
city of independent India 2021-12-01

### **MUSIC**

Lectures delivered by Visiting Scholars : NIL

### **COMMUNITY EDUCATION & DISABILITY STUDIES**

Lectures delivered by Visiting Scholars : NIL

### **EDUCATION**

Lectures delivered by Visiting Scholars : NIL

### **LIFE LONG LEARNING & EXTENSION**

Lectures delivered by Visiting Scholars : NIL

### **INSTITUTE OF EDUCATIONAL TECHNOLOGY & VOCATIONAL EDUCATION**

Lectures delivered by Visiting Scholars : NIL

### **PHYSICAL EDUCATION**

Lectures delivered by Visiting Scholars : NIL

### **DR. S.S.B. UNIVERSITY INSTITUTE OF CHEMICAL ENGINEERING & TECHNOLOGY**

Lectures delivered by Visiting Scholars : NIL

### **ENERGY RESEARCH CENTRE**

Lectures delivered by Visiting Scholars : NIL

### **UNIVERSITY INSTITUTE OF ENGINEERING & TECHNOLOGY**

Lectures delivered by Visiting Scholars : NIL

### **CIL/SAIF/USIC/UCIM**

Lectures delivered by Visiting Scholars : NIL

## CHINESE AND TIBETAN LANGUAGES

Lectures delivered by Visiting Scholars : NIL

## DAYANAND CHAIR FOR VEDIC STUDIES

Lectures delivered by Visiting Scholars : NIL

## ENGLISH & CULTURAL STUDIES

Lectures delivered by Visiting Scholars : NIL

## FRENCH & FRANCOPHONE STUDIES

Lectures delivered by Visiting Scholars : NIL

## GERMAN

Lectures delivered by Visiting Scholars : NIL

## HINDI

Lectures delivered by Visiting Scholars : NIL

## PUNJABI

Lectures delivered by Visiting Scholars : NIL

## RUSSIAN

Lectures delivered by Visiting Scholars : NIL

## SANSKRIT

Name of Person(s)	Topic of Lecture	Date
Prof. Vasant Kumar Bhatt, University of Gujrat, Gujrat	The Major Variants In The Text Of Abhijnanashakuntalam	2021-10-25
Prof. Vikram Kumar Viveki, Retd. Prof. Department of Sanskrit, PU, Chandigarh	दयानन्द सरस्वती का वैदिक समाज	2021-11-08
Prof. Rahas Bihari Dwivedi, Rani Durgawati University of Jabalpur, MP	काव्यस्वरूपविमर्श	2022-01-24
Ms. Shyampriya, Lokayurved	नारी स्वास्थ्य संजीवनी (नारी दिवस)	2022-03-08
Prof. Balvir Acharya, M.D.U. Rohtak	दयानन्द सरस्वती की दृष्टि में अष्टांगयोग	2022-03-09
Prof. V.K.Alankar	Importance Of The Traditional Indian New Year Vikrami Samvat 2079 And Vaisakhi Festival	2022-04-19
Dr. Prashant Acharya,, Vedic GUrukul, Alwar	आस्तिक दर्शनों का समन्वय	2022-05-09
Caterina Guenzi,, Center for South Asian studies, Paris, France	Beyond Kavya & Shastra : The Karmavipakasamhita As A Collection Of Medical Case Narratives	2022-06-20
Prof. V.K.Alankar, Chairperson, Deptt. of Sanskrit, PU, Chandigarh	वैदिक योग – महत्त्व	2022-06-21

## URDU

Lectures delivered by Visiting Scholars : NIL

## V.V.B.I.S. & I.S. (P.U.) HOSHIARPUR

Lectures delivered by Visiting Scholars : NIL

### LAWS

Lectures delivered by Visiting Scholars : NIL

### UNIVERSITY SCHOOL OF LEGAL STUDIES

Lectures delivered by Visiting Scholars : NIL

### DR. HARVANSH SINGH JUDGE INSTITUTE OF DENTAL SCIENCES & HOSPITAL

Lectures delivered by Visiting Scholars : NIL

### UNIVERSITY INSTITUTE OF PHARMACEUTICAL SCIENCES

Professor Pascale A. Cohen, Professor in Molecular Biology and Biotechnology Faculty of Pharm Univ of Lyon, France	The ZNF217 oncogene is a key mediator and early indicator of metastasis in breast cancer	09-07-2021
Professo Anthony J Hannan, NHMRC Principal Research Fellow Florey Institute of Neuroscience and Mental Health University of Melbourne, Melbourne Brain Centre, Parkville	Pre-Inaugural Lecture: Gene-environment interactions informing therapeutic approaches for cognitive and affective disorders	23-08-2021
Professor Y. K. Gupta, Principal Advisor, India Strategy Development – GARDP, DNDI. He is President, AIIMS -Bhopal and President, AIIMS – Jammu	Inaugural Lecture	23-08-2021
Professor Pike-See Cheah, Chair, IBRO Asia Pacific Regional Committee (IBRO/APRC)	Inaugural Lecture	23-08-2021
Professor R V Omkumar, Scientist G Molecular Neurobiology Division, Rajiv Gandhi Centre for Biotechnology Thycaud, P. O. Thiruvananthapuram – 695014 Kerala, INDIA	Glutamatergic signaling pathway as a therapeutic target	23-08-2021
Professor Joby Joseph, Center for Neural and Cognitive Sciences University of Hyderabad, Hyderabad	Using electrophysiology to study neural circuits	23-08-2021
Professor Yasmin Khan, Vice Principal-Science and Associate Professor in the Department of Life Sciences at Sophia College, Mumbai	Zebrafish (Danio rerio) as a model for study of Neurodegenerative and Neuropsychiatric diseases	23-08-2021
Professor Sreenivasulu Naidu Pattipati, Chair, Department of Pharmaceutical and Biomedical Sciences Associate Professor of Pharmacology, College of Pharmacy, California Health Sciences University, 120 N Clovis Ave, Clovis, CA-93612, USA	Drug-induced Movement Disorders	24-08-2021
Dr Deepak Nair, Associate Professor Centre for Neuroscience, Indian Institute of Science, Bangalore	Molecular Organization and Alzheimer's disease: A Real Time Nanoscale Perspective	24-08-2021
Dr Bina Pillai, Senior Principal Scientist CSIR-Institute of Genomics & Integrative Biology (CSIR-IGIB)	Role of Interferon Mediated Neuronal Signalling in Polyglutamine Disease	24-08-2021

CSIR-IGIB South Campus, Mathura Road, Near  
Sukhdev Vihar, New Delhi 110025, India

Professor Anil Kumar, Professor of Pharmacology University Institute of Pharmaceutical Sciences, UGC-CAS, Panjab University, Chandigarh – 160 014 India	Emerging Trends in Experimental Research: Ethical Principles, Concept of 5R” and Some Alternative Approaches	24-08-2021
Dr Pratik Mutha, Associate Professor & Jibaben Patel Chair Biological Engineering & Cognitive and Brain Sciences IIT Gandhinagar, Gujarat, India	Correcting Movement Errors And Learning From Them Using A Lateralized Brain	24-08-2021
Professor D. Samba Reddy, Professor, Neuroscience and Experimental Therapeutics, College of Medicine Texas A&M University Health Science Center, 8447 Riverside Pkwy, Bryan, TX 77807	Neurosteroid Replacement Therapy for Epilepsy and Brain Disorders	25-08-2021
Dr Arpita Konar, DST-INSPIRE Faculty Fellow CSIR-Institute of Genomics and Integrative Biology, New Delhi, India	Long term impact of early life experiences: From Behavior to Molecules	25-08-2021
Dr Neelima Dhingra, Assistant Professor of Pharmaceutical Chemistry University Institute of Pharmaceutical Sciences, UGC-CAS, Panjab University, Chandigarh – 160 014 India	In Silico Pharmacology : An Insight with Case Study	25-08-2021
Professor Archana Bhatnagar, Department of Biochemistry, Panjab University, Chandigarh	Flowcytometry: The Versatile Technique	25-08-2021
Dr Sangeeta Pilkhwal Sah, Assistant Professor of Pharmacology, University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh	ICV-STZ-Induced Brain Insulin Resistance: Therapeutic target for Sporadic Alzheimer’s Disease (sAD)-Like Pathology	25-08-2021
Dr Samarjit Bhattacharyya, Associate Professor, Indian Institute of Science Education and Research (IISER) – Mohali Sector - 81, Knowledge City, SAS Nagar, Manauli, Punjab, India	Trafficking and Signaling of Glutamate Receptors: Implications in the Brain	26-08-2021
Professor Laxmi T Rao, Professor, Department of Neurophysiology , NIMHANS , Hosur Road Bangalore - 560029, India	Psychological Stress versus Physical Stress on Sleep and Cognition	26-08-2021
Professor Binu Kumar, Senior Scientist CSIR-Institute of Genomics and Integrative Biology, New Delhi, India	Personalized and Precision Medicine in Neuro Wilson's Disease	26-08-2021
Dr Aurnab Ghose, Associate Professor Indian Institute of Science Education and Research (IISER) – Pune	In Search of Mechanisms Underlying Neurodevelopmental Disorders	26-08-2021
Dr S C Biswas, Senior Principal Scientist, Professor of Biological Sciences, AcSIR Head of Division, Project Monitoring & Evaluation CSIR-Indian Institute of Chemical Biology, Neurodegenerative diseases Research Laboratory Cell Biology & Physiology Division, 4,Raja S. C. Mullick Road, Kolkata -	Alzheimer's Disease: Mechanistic Insights and New Therapeutic Opportunities	26-08-2021



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Dr Tomoko Soga, Associate Professor, Brain Research Institute, School of Medicine and Health Sciences, Monash University, Malaysia	Genetic Consequence of Social Isolation on Depression: Role of Serotonin-Associated molecules in the Brain	27-08-2021
Professor Bhupinder Singh Bhoop, Professor of Pharmaceutics, University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh	Ethics and Issues in Publishing Pharmaceutical Research Findings: Rigors and Vigors	27-08-2021
Dr Arvind Kumar, Senior Principal Scientist Epigenetics & Neuropsychiatric Disorders Laboratory CSIR- Centre for Cellular and Molecular Biology (CCMB) Habsiguda, Uppal Road, Hyderabad 500007 INDIA	Invited Lecture	27-08-2021
Dr Shubha Shukla, Principal Scientist/Assistant Professor, Division of Neuroscience & Ageing Biology, CSIR-Central Drug Research Institute (CSIR-CDRI) Sector 10, Jankipuram Extension, Sitapur Road, Lucknow- 226031	Understanding Neurogenesis in Neurodegenerative disorders	27-08-2021
Professor S K Kulkarni, Emeritus Professor of Pharmacology & Former Pro-Vice Chancellor, Panjab University, Chandigarh	Valedictory Lecture	27-08-2021
Professor O.P. Katare, Professor of Pharmaceutics and Former Chairperson, UIPS	Academic Entrepreneurship	24-08-2021
Mr Manish Arora, Associate Director, IQVIA, UK	Pharmaceuticals Service Industry – The Multiverse of Opportunities	14-08-2021
Mr Shital Pathak, Vice President & Head Analytical R&D, Glenmark Pharmaceuticals, Mumbai	ANDA Process – Role of Analytical Research	28-08-2021
Professor Bikash Medhi, Coordinator - PGIMER Pharmacovigilance Centre Regional Resource and Training & Technical Support Centre for North India; Professor, Dept of Pharmacology & AMS. PGIMER	Pharmacovigilance Basic Method Practices and Pharmacovigilance Programme of India	18-09-2021
Mr Gurpreet Singh, Associate Director, Medical Writing, Parexel, Chandigarh	Pharmacovigilance: Vanguard for patient safety	23-09-2021
Dr Vibha Malhotra, Regulatory Affairs, Pfizer/Viatris, Sydney, Australia	Regulatory affairs and its role in pharmaceutical industry	25-09-2021
Er Kompal Bansal, Founder Partner of Bansal IP Associates, Registered Patent and trademark agent, India.	IPR Workshop	21-07-2021
Professor Rajendra B Kakde, Advisor- I, Approval Bureau Head, All India Council for Technical Education, New Delhi	Valedictory talk on the theme 'Pharmacist: Integral part of Healthcare	27-11-2021
Professor Dulal Panda,	Cancer Chemotherapy: Potential Role of	29-11-2021

Director, National Institute of Pharmaceutical Education & Research (NIPER), Mohali, Punjab	Drug Delivery	
Professor Surjit Singh, Director, Post Graduate Institute of Medical Education & Research (PGIMER), Chandigarh	Inaugural Address	29-11-2021
Professor Suresh P Vyas, Drug Delivery Research Laboratory, Department of Pharmaceutical Sciences, Dr. Harisingh Gour University, Sagar, Madhya Pradesh	Nanomedicine-Based Strategies for Purpose Specific Drug Delivery: Options and Opportunities	29-11-2021
Professor Vandana Patravale, Professor of Pharmaceutics, Department of Pharmaceutical Sciences and Technology, Institute of Chemical Technology, Mumbai, Maharashtra	Computational Pharmaceutics: A Changing Paradigm in Drug Delivery	29-11-2021
Dr Amita Sarwal, Pharmaceutics Division, University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh	Nanotechnology-Based Drug Products: Regulatory Intervention	29-11-2021
Professor Saranjit Singh, Ex-Dean, NIPER and Former Head, Pharmaceutical Analysis, NIPER Mohali, Punjab	Conceptual Understanding of PBPK Modeling: A Predictive Tool with Multiple Applications in Drug and Product Development	30-11-2021
Dr Gautam Bakshi, Head & Patent Counsel, Intellectual Property Management, Unichem Laboratories Ltd. Mumbai, Maharashtra	Strategic Management of IP	30-11-2021
Professor V R Sinha, Dean of University Instruction, Panjab University, Chandigarh & Professor of Pharmaceutics, University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh	Training Pharma Professionals towards Entrepreneurship: Challenges and Opportunities	30-11-2021
Dr Chandramouli Radhakrishnan, Scientist, Certara University, Australia	Noncompartmental and compartmental Pharmacokinetic Data Analysis using Phoenix WinNonlin Software: Application in Bioequivalence, IVIVC and Population PK studies	30-11-2021
Dr Ajay Khopade, Vice President R&D, Formulation Development (Non-Orals), Sun Pharmaceutical Industries Ltd, Vadodara, Gujarat	Reformulation strategies: Addressing Unmet Needs for Product Life Cycle Extension	01-12-2021
Professor Arvind Bansal, Professor & Head, Pharmaceutics, NIPER Mohali, Punjab	Role of deformulation in development of generic products	01-12-2021
Professor Renu Chadha, Professor of Pharmaceutical Chemistry, University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh	Role of Crystal Engineering in Developing Multicomponent Drug Delivery Systems	01-12-2021
Dr Vandita Kakkar, Assistant Professor of Pharmaceutics, University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh	Overcoming the Challenges during the Preparation of Solid Lipidic Nanoparticles	01-12-2021
Dr Kaiser Raza, Department of Pharmacy, Central University of	Procedural Nuances in the Development of Vesicular Drug Delivery Systems	01-12-2021

Rajasthan

Professor Bhupinder Singh Bhoop, Professor of Pharmaceutics, University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh	Quality by Design (QbD) for Efficient Pharma Development: Option, Coercion or Benediction	02-12-2021
Professor L D Patel, Parul University, Department of Pharmacy, Vadodara, Gujarat	Potential Tools of Six Sigma to Attain Quality Excellence in Pharma Drug Delivery Development	02-12-2021
Dr Gautam Samanta, Vice President and Head of Quality by Design and Technology Transfer (API), Cipla Ltd., Mumbai, Maharashtra	Pharmaceutical products development and manufacturing under QbD framework	02-12-2021
Dr Sarwar Beg, Newton International Fellow, School of Pharmacy & Biomedical Sciences, University of Central Lancashire, Preston, United Kingdom	Improved Analytical Development using QbD: Experimental & Experiential Inputs	02-12-2021
Dr A Muralidhara, MP, Bengaluru, Karnataka	A Modern Approach to QbD Analysis in Pharmaceutical Sciences	02-12-2021
Professor O.P. Katare, Professor of Pharmaceutics and Former Chairperson, UIPS	From Proposition to Patent to Product, and Even Beyond: A Glimpse of UIPS Sojourn towards Excellence	03-12-2021
Professor Kanwaljit Chopra, Professor & Head, Pharmacology & Former Chairperson, UIPS, Panjab University, Chandigarh	Preclinical Evaluation of Diverse Nutraceuticals and their delivery systems: A Pharmacologist's Perspective	03-12-2021
Dr Gurpal Singh, Pharmaceutics Division, University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh	Applications of Nanomaterials in Bioimaging, Biosensing and Therapy	03-12-2021
Dr Asha Patel, Associate Professor, Pharmaceutics Department, Parul Institute of Pharmacy, Parul University, Vadodara, Gujarat	Application of Chemometrics and Pharmacokinetics for Systematic Development of Generics and Biotherapeutics: Fundamentals and Demonstration with Case Studies	03-12-2021
Dr Hemant Bhutani, Head-ADU, Novartis, Hyderabad, Telangana	Applications of Real Time Analytics as PAT Strategies during Pharmaceutical Development	04-12-2021
Professor Indu Pal Kaur	Amalgamation of Additive Manufacturing (3D) and Electrospinning (2D), Chairperson, & Professor of Pharmaceutics, University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh	04-12-2021
Professor Rakesh Kumar Sharma, Vice-Chancellor, Saveetha Institute of Medical and Technical Sciences (a deemed University), Chennai	Valedictory Keynote Lecture on Nuclear Medicine and Magnetic Resonance as Vital Tools in Drug Development and Delivery	04-12-2021
Professor Mohan Pal Singh Ishar, Former Vice Chancellor, Jammu University & MRSPTU-Bathinda, Punjab	Valedictory Address	04-12-2021
Professor Kanwaljit Chopra, Professor & Head, Pharmacology & Former Chairperson, UIPS, Panjab University, Chandigarh	How to write research proposal, research paper and related ethical issues?	17-01-2022

Professor Anil Kumar, Professor of Pharmacology University Institute of Pharmaceutical Sciences, UGC-CAS, Panjab University, Chandigarh – 160 014 India	How to write research proposal, research paper and related ethical issues?	17-01-2022
Professor Tejal A Desai, Chair & Deborah Cowan Endowed Professor, Department of Bioengineering & Therapeutic Sciences, Schools of Pharmacy and Medicine, University of California, San Francisco (UCSF); and Professor in Residence, Department of Bioengineering, UC Berkeley (UCB), USA	Recorded Talk: Using Micro and Nanostructured Materials to Modulate the Tissue Microenvironment	17-01-2022
Professor Maria José Alonso, Full Professor, University of Santiago de Compostela (USC), SPAIN & Editor-in-Chief, Drug Delivery and Translational Research Ex- President, Controlled Release Society	Keynote Address- Delivery of Proteins and RNA Molecules using Nanotechnology	17-01-2022
Dr Vivek Gupta, Associate Dean of Graduate Education & Research; Associate Professor, Pharm. Sci., College of Pharmacy & Health Sciences, St. John's University, USA	Career progression and discuss case studies based on where we are	18-01-2022
Professor O.P. Katare, Professor of Pharmaceutics and Former Chairperson, UIPS	Designing the Space for Innovation and Entrepreneurship: Sharing Story Journey Experience and Wisdom Beyond...	18-01-2022
Dr Gurpal Singh, Pharmaceutics Division, University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh	Nanomaterials for Biomedical Imaging, Biosensing and Therapy	18-01-2022
Dr Vandita Kakkar, Assistant Professor of Pharmaceutics, University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh	Entrepreneurial Ecosystem in an Academic Environment with our own IDEA	18-01-2022
Dr Deepika Aggarwal, Director R&D, iX Syrx Pty Ltd, Melbourne, Australia	IVIVC and Physiologically Based Pharmacokinetic Analyses (PBPK)- From “Nice to Have” to “Must Have”	18-01-2022
Dr Ashok Kumar, Associate Professor (Tenured), Department of Ophthalmology, Visual and Anatomical Sciences, Wayne State University School of Medicine, Kresge Eye Institute, MI, USA	Metabolic Regulation of Inflammatory response in Ocular Infections	19-01-2022
Dr Prashant Dogra, Assistant Research Professor, Mathematics in Medicine; Houston Methodist Research Institute, Houston, TX & Assistant Professor of Research, Physiology and Biophysics Weill Cornell Medical College, NY, USA	Navigating the valley of death with mathematical modeling and simulation	19-01-2022
Dr Amita Sarwal, Pharmaceutics Division, University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh	Nanostructured lipid carriers as drug delivery platform: Advances in formulation and delivery strategies	19-01-2022
Dr Parneet Kaur Deol, Assistant Professor, G.H.G. Khalsa College of Pharmacy, Gurusar Sadhar, Ludhiana, Punjab	Lecture-cum-Workshop Electrospun Nanofibers: Opportunities and Challenges	19-01-2022



Professor Kanwaljit Chopra, Professor & Head, Pharmacology & Former Chairperson, UIPS, Panjab University, Chandigarh	Talk on Ethics in research publication & Presentation and discussion on draft research proposal	19-01-2022
Professor Anil Kumar, Professor of Pharmacology University Institute of Pharmaceutical Sciences, UGC-CAS, Panjab University, Chandigarh – 160 014 India	Talk on Ethics in research publication & Presentation and discussion on draft research proposal	19-01-2022
Professor Sanjay Garg, Professor of Pharmaceutical Science, Uni SA Clinical & Health Sciences, University of South Australia	Innovations in translational pharmaceutical research	20-01-2022
Professor V R Sinha, Dean of University Instruction, Panjab University, Chandigarh & Professor of Pharmaceutics, University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh	Understanding the Concept of Innovation and Startup/ Entrepreneurship in Higher Educational Institutions	20-01-2022
Professor Bhupinder Singh Bhoop, Professor of Pharmaceutics, University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh	Quality by Design (QbD) for Efficient Pharma Product Development: Option, Coercion or Benediction	20-01-2022
Dr Sandip V Pawar, UGC Assistant Professor, University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh	Applications of cell culture studies in drug discovery and development	20-01-2022
Ms Garima and Mr Joga Singh, Ph.D. Research Scholar, C/o Professor Indu Pal Kaur, University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh	Fabrication and characterization of nanoparticles employing industry amenable techniques	20-01-2022
Professor Samuel Gourion-Arsiquaud, Director, Skin Science & Biological Substrates, TRI Princeton – Inspiring, Educating, and Connecting Through Science, NJ, USA	Spectroscopic Methods to evaluate and Visualize Skin & Active delivery	20-01-2022
Professor May Griffith, Director of the Biomaterials for Corneal Regeneration Research Unit; Full Professor, Department of Ophthalmology; Caroline Durand Foundation Chair, Cell Therapy for Eye Diseases; and the Canada Research Chair, Biomaterials and Stem Cells in Ophthalmology, Université de Montréal, Canada	Nanoparticles in tissue engineering and regenerative medicine	21-01-2022
Mr Sachin Kumbhoje, CEO & Co-Founder, OpEx Accelerator Pvt. Ltd.; Co-founder & Director, MakeMeHire; Founder, Plan B Digital StartUp Magazine and WebSeries Host: Mukkam PostStartUp	StartUp & Entrepreneurship Opportunities in Healthcare Sector	21-01-2022
Dr Sudip Roy, Founder, Prescience Insilico Pvt. Ltd. Indian Institute of Technology - Kanpur, Bengaluru, India	Foundation and applications of computational methods to design formulation for drug delivery	21-01-2022
Mr Vishal Daddikar, Founder, Mole Chemlabs	Talks by Founder/Co-Founder of Startups StartUp Opportunities in Diagnostics	21-01-2022
Professor Mansoor M. Amiji, University Distinguished Professor, Professor of Pharmaceutical Sciences & Professor of Chemical	Translational Nanomedicine: Targeted Therapeutic Delivery for Cancer and	21-01-2022

Engineering, Northeastern University, Boston, MA, USA	Inflammatory Diseases	
Professor Bozena "Bo" B. Michniak-Kohn, Professor of Pharmaceutics, Ernest Mario School of Pharmacy & Director, Center for Dermal Research (CDR) & Laboratory for Drug Delivery (LDD) Life Sciences Building, Rutgers-The State University of New Jersey, USA	Overcoming the Skin Barrier by using the Microneedle Approach	22-01-2022
Professor Indu Pal Kaur, Chairperson, & Professor of Pharmaceutics, University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh	Innovation to Reality: The Translation Journey	22-01-2022
Professor Joachim Kohn, Distinguished Professor Emeritus at Rutgers University; President, International Union of Societies for Biomaterials Science and Engineering (IUS-BSE)	Valedictory Keynote Lecture (Recorded) on New directions in biomaterials science and engineering	22-01-2022
Professor Indu Pal Kaur, Chairperson, & Professor of Pharmaceutics, University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh	Ocular Delivery: Opportunities and Scope	14-02-2022
Dr Rajeev Singh Raghuvanshi, Secretary-cum-Scientific Director, Indian Pharmacopoeia Commission Ministry of Health and Family Welfare, Government of India	Inaugural Lecture: Introduction to Pharmacovigilance Program of India	14-02-2022
Dr Vijay Pal Singh, Assistant Professor, Academy of Scientific and Innovative Research (AcSIR) & Veterinarian (STO), CSIR-Institute of Genomics and Integrative Biology, New Delhi	Design of Animal Experiment: Welfare as a top priority	14-02-2022
Mr Muktesh Sharma, Assistant Manager, ADInstruments South Asia ( India ) Pvt. Ltd. New Delhi	Online demonstration of the Powerlab System and techniques	14-02-2022
Dr Neeraj Kumar Singh, Deputy Librarian, Readers' Services, A C Joshi Library, Panjab University, Chandigarh	Research visibility and measuring Impact of Scientific research // Research Support Tools for faculty	14-02-2022
Professor Kanwaljit Chopra, Professor & Head, Pharmacology & Former Chairperson, UIPS, Panjab University, Chandigarh	Preclinical Evaluation of Nutraceuticals in Diverse Pathologies: A Pharmacologist's Narrative	14-02-2022
Professor Bikash Medhi, Coordinator - PGIMER Pharmacovigilance Centre Regional Resource and Training & Technical Support Centre for North India; Professor, Dept of Pharmacology & AMS. PGIMER	Pharmacovigilance Basic Method Practices & Pharmacovigilance Programme of India (PvPI)	15-02-2022
Professor Sandhya P Koushika, Dept. of Biological Sciences, TIFR, Mumbai, Maharashtra	Traffic jams in neurons and implications for neurodegenerative disease	15-02-2022
Dr Damanpreet Singh, Senior Scientist, CSIR-Institute of Himalayan Bioresource Technology, Himachal Pradesh	Zebrafish as an Alternative Animal Model in Pharmacology Research	15-02-2022
Dr Ravneet Kaur,	Introducing Zebrafish (Danio rerio) as a	15-02-2022

Assistant Professor, Fish and Fishery, Department of Zoology, Panjab University, Chandigarh	Potential Research model: Insights on its Rearing, Development and Neurobehavior	
Professor Archana Bhatnagar, Department of Biochemistry, Panjab University, Chandigarh	Flowcytometry: Chip-ing in to empower the researcher	15-02-2022
Dr Sangeeta Pilkhwal Sah, Assistant Professor of Pharmacology, University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh	Basic Insights into Organoids: An Alternative to Animal models	15-02-2022
Dr Neelima Dhingra, Assistant Professor of Pharmaceutical Chemistry University Institute of Pharmaceutical Sciences, UGC-CAS, Panjab University, Chandigarh – 160 014 India	Leveraging Computational tools in Pharmacology Research	15-02-2022
Dr Priyanka Chanana, Director, Business Development, SOLVO Biotechnology; A Charles River Company, San Francisco, CA, USA	Selective Autophagy of Mitochondria Through Molecular Targeting by NIX: Taking Advantage of Cellular Models	16-02-2022
Professor Anil Kumar, Professor of Pharmacology University Institute of Pharmaceutical Sciences, UGC-CAS, Panjab University, Chandigarh – 160 014 India	Ethical practices and principles in Scientific publications: COPE guidelines	16-02-2022
Professor Nirmal Singh, Professor & Head, Department of Pharmaceutical Sciences & Drug Research, Punjabi University, Patiala, Punjab	Ethics in Experiments on Animals	16-02-2022
Professor Sanjay Chhibber, Emeritus Scientist, Department of Microbiology, Panjab University, Chandigarh	Drugs from Hidden Bugs: Newer trends in their discovery via un-trapped sources	16-02-2022
Mr Vineet Gopal, Chief Operating Officer, Winzen Care Pvt Ltd, Gurugram, Haryana	Long Term Monitoring of Brain Signal in free behaving Rodent: winzen care & Bio-signal	16-02-2022
Professor Suresh Kumar Sharma, Department of Statistics, Panjab University, Chandigarh	Estimation and Testing of Hypothesis	16-02-2022
Dr Helena Hogberg Durdock, Deputy Director, Center for the Evaluation of Alternative Toxicological Methods (NICEATM), National Institute of Environmental Health Sciences (NIEHS), NIH, USA	Alternatives to Animal Experiments in (Developmental) Neurotoxicity and Neurological Disorders	17-02-2022
Ms Richa Goyal Rai, Principal-Health Economics and Outcomes Research, Real World Solutions, IQVIA, Mumbai, Maharashtra	Artificial Intelligence and drug discovery/health economics	17-02-2022
Dr Sameer Sharma, Vice President, Translational Drug Discovery, Invea Therapeutics, CT, USA	Leveraging AI to augment Drug Discovery Research	17-02-2022
Ms Bhawna Sharma, Head–Patents & Designs, Singhania and Partners LLP, New Delhi	Publishing to Patenting: Understand the Patent Protection	17-02-2022
Mr Ravindra M Agarkar,	Patch Clamp setup	17-02-2022

General Manager, Marsap Services Pvt Ltd., Mumbai, Maharashtra		
Dr Sandip V Pawar, UGC Assistant Professor, University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh	Applications of cell culture studies in drug discovery and development	17-02-2022
Professor N G Prasad, Indian Institute of Science Education and Research, (IISER), Mohali, Punjab	Understanding the evolution of immune response using fruit flies	17-02-2022
Dr Thomas D Prevot, Project Scientist, Centre for Addiction and Mental Health (CAMH), Assistant Professor, University of Toronto & Acting Director of Operations, Damona Pharmaceuticals, Canada	Project Scientist, Centre for Addiction and Mental Health (CAMH), Assistant Professor, University of Toronto & Acting Director of Operations, Damona Pharmaceuticals, Canada	18-02-2022
Dr Anand K Tiwari, Genetics & Developmental Biology Laboratory, Department of Biological Sciences & Biotechnology, Institute of Advanced Research, Gandhinagar, Gujarat	Mitochondrial dysfunction and Alzheimer's disease: Role of Miro protein	18-02-2022
Professor Prabha Garg, Department of Pharmacoinformatics, National Institute of Pharmaceutical Education & Research (NIPER), Mohali, Punjab	Identification of genetic biomarkers of ovarian cancer: a bioinformatics approach	18-02-2022
Professor Milind Parle, Professor of Pharmacology; President of Association of Pharmaceutical Scientists and Educators (APSE); Ex. Dean, Faculty of Medical Sciences; Ex. Chairman, Dept. Pharm. Sciences; Ex. Chairman, Dept. of Physiotherapy; Guru Jambheshwar University of Science and Technology (GJUST), Hisar, Haryana	Be Crazy to be Creative	18-02-2022
Dr Chander Shekhar, Veterinarian/Animal house Incharge, Indian Institute of Science Education & Research (IISER), Mohali, Punjab	Virtual Lab visit: IISER Mohali	18-02-2022
Dr Neeraj Khatri, Senior Principal Scientist & Head, IMTECH-Centre for Animal Resources & Experimentation (Animal Facility), Institute of Microbial Technology, Chandigarh	IMTECH Centre for Animal Resources & Experimentation (iCARE)	18-02-2022
Dr N Ganesh, Head, Senior Scientist & Consultant Oncogenetic, Department of Research, Jawaharlal Nehru Cancer Hospital & Res Centre (JNCH), Bhopal	Nonverbal to Verbal experimental milestone: An acceptance and justification for cruelty on Animals	18-02-2022
Dr Vipul Kumar Singh, Research Scientist, Department of Pathology and Genomic Medicine, Houston Methodist Research Institute, Texas, USA	Host cell cytosolic defenses and virulence of Mycobacterium species in multiple hosts	19-02-2022
Professor A B Gupta, Curriculum Development Centre, National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh	Principles of Teaching	19-02-2022

Dr Anurag Kuhad, Joint Course Coordinator, UGC-NRC & Assistant Professor of Pharmacology, University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh	Pharmacological Interventions in Experimental Paradigm of Autism Spectrum Disorders (ASD)	19-02-2022
Professor O.P. Katare, Professor of Pharmaceutics and Former Chairperson, UIPS	Translating the lab idea into product: Sharing the journey and beyond...	19-02-2022
Professor S K Kulkarni, Emeritus Professor of Pharmacology & Former Pro-Vice Chancellor, Panjab University, Chandigarh	Impact of Covid19-pandemic on lab-based research	19-02-2022
Dr S K Dutta, Joint Commissioner (Animal Welfare) & Member Secretary (CPCSEA) Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA) Department of Animal Husbandry and Dairying, Ministry of Fisheries, Animal Husbandry and Dairying Government of India	Valedictory Address	19-02-2022
Dr Arashdeep Singh, Postdoctoral Associate, Department of Pharmacodynamics, Center for Integrative Cardiovascular and Metabolic Disease, Univ of Florida	Critical role of gut peptides and microbiome in prebiotic fiber-mediated appetite and body weight regulation	23-02-2022
Dr N Ganesh, Head, Senior Scientist & Consultant Oncogenetic, Department of Research, Jawaharlal Nehru Cancer Hospital & Res Centre (JNCH), Bhopal	Supremacy of Indian Great Boffins: The unsung story	25-02-2022
Dr Tarun Vijan, Consultant & Director Groundwerk Healthcare Limited, Canada,	PUPS Homecoming Series and IIC-UIPS – an interactive session	13-04-2022
Professor Kanwaljit Chopra, Professor & Head, Pharmacology & Former Chairperson, UIPS, Panjab University, Chandigarh	Preclinical Evaluation of Nutraceuticals in Diverse Pathologies	12-05-2022
Professor Indu Pal Kaur, Chairperson, & Professor of Pharmaceutics, University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh	17th Women in Science (Wise) Event & Live Biotherapeutics- Innovative New Era Options for Skin Disease and Tissue Regeneration	17-06-2022
Professor O.P. Katare, Professor of Pharmaceutics and Former Chairperson, UIPS	Excellence in Totality	25-06-2022

### **ANTHROPOLOGY**

**Lectures delivered by Visiting Scholars : NIL**

### **BIOCHEMISTRY**

**Lectures delivered by Visiting Scholars : NIL**

### **BIOPHYSICS**

**Lectures delivered by Visiting Scholars : NIL**



## **BIOTECHNOLOGY**

Dr Manoj Prasad, Staff Scientist NIPGR New Delhi	Value Addition To Bioresources: A step towards Livelihood Generation	10-08-2021
Dr. B. K. Tyagi, Scientist F, Vigyan Parisar, DST, GoI, New Delhi	National Symposium on Science Communication and Intellectual Property	21-03-2022
Dr. Dinesh Sharma, Sr. IP policy Advisor- India , USPTO , US Embassy, Delhi	Importance of IP for Academia	29-04-2022
Dr. Divya Kaushik, Scientist PIC, PSCT , sector 26 , Chandigarh	National Symposium on Science Communication and Intellectual Property	21-03-2022
Dr. Manju Sharma, Former secretary, Department of Biotechnology, Govt. of India , Distinguished Women Scientist Chair NASI , Allahabad	Biotechnology: From 1986 to present day	25-04-2022
Dr. Premnath V, Director , Venture Center and Head NCL innovations	Understanding BIRAC's BIG scheme	30-12-2021
Dr. Rakshak Kumar Acharya, Scientist CSIR-IHBT, Palampur	Biotechnology and Mankind	16-02-2022
Dr. Sanjay Kumar, Director, CSIR-IHBT, Palampur	Value Addition To Bioresources: A step towards Livelihood Generation	10-08-2021
Dr. Shalini Singh, Specialist- Funding Programs, Venture Centre, Pune	Know More Scheme- Understanding BIRAC'S Big Scheme	30-12-2021
Dr. Vanita Suri, Professor, Obstetrics and Gynecology PGIMER , Chandigarh	International Women's Day	08-03-2022
Dr. Vibha Ahuja, Chief General Manager, BCIL, New Delhi	Distinguished Lecture on National Science Day	28-02-2022
Dr. Vivek Mahajan, Scientific Leader, Glaxo SmithKline, Oncology R&D, USA	Pre-Clinical Immunopharmacology in Cancer Drug Discovery	21-10-2021
Mr. John Cabeca, US Intellectual Property Counsellor for South Asia, USPTO, US Embassy, Delhi	Importance of IP for Academia	29-04-2022
Mr. Lalit Ambastha, Patent Attorney	Workshop on IP Awareness	30-09-2021
Mr. Saurabh Arora, Innovation Coordinator , BID-HUB, PGIMER , Chandigarh	National Symposium on Science Communication and Intellectual Property	21-03-2022
Ms Pooja Bhatia, Chief Manager iTTO at FITT, IIT Delhi	How to identify intellectual property in technology	31-07-2021
Ms. Mamta Bhardwaj, Scientist C , DST-Center for Policy research , PU, chd	Importance of IP for Academia	29-04-2022
Ms. Taranjeet Kaur,	Know More Scheme- Understanding BIRAC'S Big	30-12-2021

Manager- Entrepreneurship Development Scheme		
Prof . Manoj K. Patairiya, Former Head and Adviser of Science and Engineering Research Council, DST, GoI, New Delhi	National Symposium on Science Communication and Intellectual Property	21-03-2022
Prof Pankaj Seth, National Brain Research Centre, Manesar	Brain Fog in Post COVID Survivors	06-08-2021
Mr. R Tewari, DPIIT-IPR Chair Professor, PU, Chandigarh	Importance of IP for Academia	29-04-2022

### **BOTANY**

Dr. Abdul Qayum IFS, Deputy Conservator of Forests, Chandigarh Administration, Chandigarh	Expert Talk on "Managing Urban Forests"	23-07-2021
Dr. Rajiv Angrish, Principal Scientist/Professor (Retd.) CCS Haryana Agricultural University Hisar	Webinar on TREE TALK IN THE FOREST- THE WOOD WIDE WEB	13-12-2021
Prof. (Dr.) Nishtha Jaswal, Hon'ble Vice Chancellor Himachal Pradesh National Law University Shimla	Webinar on Protection of women Against Sexual Harrassment at Workplace	31-03-2022
Prof. Adarsh Pal Vig, Chairman, Punjab Pollution Control Board, Patiala	Webinar on "Burning of Paddy Stubble, A fiery problem for the environment, agriculture, and humans: Ways to combat the issue"	19-10-2021
Prof. G.K. Triwedi, Birbal Sahni Institute of Palaeosciences, Lucknow	Webinar on Palaeopalynology of Late Eocene times	28-08-2021
Prof. N.K. Dubey, Chairperson, Department of Botany, Banaras Hindu University	Webinar on "Think locally Act Globally: With reference to Ethnomedicinal Knowledge of India"	26-08-2021
Sh J. Justin Mohan, Secretary, National Biodiversity Authority	Interdisciplinary Refresher Course on Environment Studies 2021	17-11-2021

### **CHEMISTRY**

Lectures delivered by Visiting Scholars : NIL

### **COMPUTER SCIENCE & APPLICATIONS**

Lectures delivered by Visiting Scholars : NIL

### **ENVIRONMENT STUDIES**

Lectures delivered by Visiting Scholars : NIL

### **GEOLOGY**

Lectures delivered by Visiting Scholars : NIL

### **INSTITUTE OF FORENSIC SCIENCE & CRIMINOLOGY**

Lectures delivered by Visiting Scholars : NIL

### **MATHEMATICS**

Lectures delivered by Visiting Scholars : NIL

## MICROBIOLOGY

Lectures delivered by Visiting Scholars : NIL

## HUMAN GENOME STUDIES & RESEARCH

Lectures delivered by Visiting Scholars : NIL

## PHYSICS

Lectures delivered by Visiting Scholars : NIL

## STATISTICS

Lectures delivered by Visiting Scholars : NIL

## UNIVERSITY INSTITUTE OF FASHION TECHNOLOGY & VOCATIONAL DEVELOPMENT

Dr Mahima Bakshi, Child Women Wellness Expert and Woman Activist, Mumbai	Boosting Mind, Body and Soul Connection in Women	07-03- 2022
Dr Namita Gupta, Associate Professor, Centre for Human Rights, Panjab University, Chandigarh	Human Rights and the Fashion Industry	23-09-2021
Dr. K.H. Narendra Singh, Department of Anthropology, Assam University, Assam	Traditional Health Care and role of Local Healers: A case study of the karbis of Assam	15-06-2022
Dr. Neeraj Kumar Singh, Deputy Librarian, Panjab University Chandigarh	Understanding and Avoiding Plagiarism	01-10- 2021
Dr. Satwinder Kaur Bains, Senior Associate; Director: SASI; University Advisor: Canada-India Relations Social, Cultural, & Media Studies, University of the Fraser Valley, Canada	Heritage as new knowledge in the South Asian Canadian Diaspora	10-03-2022
Dr. Satya Narayan Sabat, IPS, Director General (Vigilance & Enforcement) U.P. Power Corporation Ltd	Indian Culture and Human Rights	14 -06- 2022
Dr. Sharda Kaushik, Ex -Director, Regional Institute of English, Chandigarh. Former Prof. & Head, Centre of Management and Humanities, Punjab Engineering College (Deemed-to-be- University), Chandigarh	The Role of Publication in Academic Writing	17-02-2022
Dr. Tanya White, The creative School, Ryerson University, Canada	Nurturing modern and multi-national narratives through the exchange of South Asian and Western traditional handcraft techniques	29-03- 2022
Dr.Apara Sharma, Assistant Professor MCM DAV College for Women, Panjab University, Chandigarh	The Role of Language in Academic Writing	15-02-2022
Dr.Charu Kohli, Alumnus UIFT	Design Registration Process: An Insight	26-11-2021
Mr. Amandeep Singh, Advocate and Intellectual Property Rights Attorney , IPLOEA	An Overview of IPR and Its applicability in Fashion Industry	13-09-2021
Mr. Apaar Gupta,	Topic: Raising Finance for a Fashion Start-up	21.03.2022

Founder Designcart.com Ecommerce Service Pitampura, Delhi	HOW? WHEN? WHERE? WHAT?	
Mr. Gurmeet Singh, Founder & Production Manager GSI Exports Ludhiana	Improving Employability of Students in Textile and Apparel Sector	21.03.2022
Mr. Maninder, Usha International Ltd.	Sewing Technology Workshop	20-04-2022
Mr. Rahul Malik, , Sr. Vice President (Strategy & Product Design) C.T.A. Apparels Pvt. Ltd., Noida	Sustainable Fashion	19.03.2022
Ms Bhawna, Alumni, UIFT & VD, Panjab University, Chandigarh	Crocheting: The handmade Era	01-09-2021
Ms Rasika, Founder Multi Designer Studio Rudraksh, Pune	Image Building and Branding	17.03.2022
Ms Samreen, Alumnus, UIFT & VD	Art of styling	06-10-2021
Ms Santosh, Artist, Panchkula	Workshop on Hand painting and Lippan cone art	12 to 13 -04-2022
Ms. Anupama Singal, Co-Founder SLICeR Singapore	Merging Art & Science: Trending Technology Uses in Fashion Industry	21.03.2022
Ms. Aparna Kant Rampal, WITEKIO Embedded Systems IoT, USA	Secret Life of Products	19.03.2022
Ms. Ayushi Parmar, Design Lead at Easybuy, a Landmark India Entity	Overview of Kids Wear Industry	25-11- 2021
Ms. Bharti Goel, Nutritionist, Chandigarh	Healthy Eating- A Way Towards Complete Wellbeing	07-04-2022
Ms. Jagrity Phukan, Founder and Creative Head, Way of Living studio, Dhemaji, Assam	Co-Creating with Nature and Indigenous Community: Fibre to Fashion as an approach for Women Empowerment and Climate Resilience	08-03- 2022
Ms. Latika Khanduja, Founder, IPLOEA, New Delhi	An Overview of IPR and Its applicability in Fashion Industry	13-09-2021
Ms. Meeta Kumar, Head Design, Womenswear, Style Union Mumbai	Evolving Designers for the Industry: Academia – Industry Partnership	15.03.2022
Ms. Nita Thakore, Textile Artist and Design Educator, Ahmedabad	Textile Crafts of India- Sustaining a world of Tomorrow!	15.03.2022
Ms. Priyanka Goyal, Founder and Creative lead at @PriyankaCalliDesigns	Calligraphy, A Journey in Itself	05-10- 2021
Ms. Shiba Sethi, Embroidery Artist, Bangalore	Creative Approach Towards Art of Embroidery	25-02-2022
Ms. Taran Ahuja, Coordinator, Capstone & Project Subjects, University of Technology, Sydney, Australia	Industry Academia Partnership for Enhancing Student Employability	17.03.2022

Ms. Yashika Singla, Architect (from Pratt Institute, NY USA) Goa	Leadership and Entrepreneurship as a Designer	16.03.2022
Priya Thukral, Chandigarh	Unravelling the Mind through Breath	16-09-2021
Prof. (Dr.) Sunita Mishra, Head, Department of Food and Nutrition, Human Development and Family Studies Babasaheb Bhimrao Ambedkar, University (A Central University) , Lucknow	Food Safety And Standards: A Public Health Concern	14 -06-2022
Prof. Archana Gandhi, Head of Research Unit, National Institute of Fashion Technology, New Delhi	Technology- An Opportunity for Apparel Export Organizations to improve Supply Competitiveness	17.03.2022
Prof. Charu Smita Gupta, Anthropologist and Museologist, Delhi	Indian Traditional art merging in Canadian spaces	14-03-2022
Prof. Deepti Gupta, Department of English and Cultural Studies, Dean International, Panjab University Chandigarh	What is Plagiarism? Ways to avoid Plagiarism	14-02-2022
Prof. Manvinder,, Chairperson, Department-cum-Centre for Women Studies & Development, Panjab University, Chandigarh	The notion of gender: construction, impact and way forward	01-06-2022
Prof. Nandita Shukla Singh, Dept. of Education, Panjab University, Chandigarh	Linking Higher Education with World of work- making students self-reliant- Insights from NEP 2020	20.03.2022
Prof. Pushpinder Syal, Department of English and Cultural Studies Panjab University, Chandigarh	Academic Writing in Research	12-02-2022
Prof. Rama Krishnan G, Head Department of Fashion Technology, Kumara guru College of Technology, Coimbatore, Tamil Nadu	Creating Fashion Entrepreneurs- A Case Study	15.03.2022
Prof. Rana Mukherji, Faculty of Science & Technology, ICFAI University Jaipur	Innovation and Start-Ups	19.03.2022
Prof. Sangita Saini, Chairperson, Home Science Department, Dayalbag Educational Institute, Agra	Sustainability: Everyone's Responsibility	15-07-2021
Prof. Sunil Dutt, Dept. of Education & Educational Management, N.I.T.T.T.R., Chandigarh	Blended learning & Flipped Classroom	20.03.2022
Professor Caron Phinney, The Creative School, Ryerson University, Canada	Reinterpreting Indo-Canadian cultural identity through Textile and Garment	24-03-2022
Rantika Thakur, Entrepreneur, blogger, designer, illustrator, Stylist, Chandigarh	Exploration into Blogging and Entrepreneurship	29-04-2022
Sarika Rana, Designer, 612 IVY League, Delhi	Fashion Designer' as a Career choice in the Corporate World	27-10- 2021



Shruti Singla, Designer & Stylist , Panchkula	Styling workshop	8-11-2021 to 13 -11-2021
Sushil Raturi, Professor (Tata Trent Chair), Department of Fashion Management Studies, National Institute of Fashion Technology, Mumbai	Experiential Marketing	16.03.2022

### ZOOLOGY

Dr. Amulya K. Panda, Associate Director, Panacea Biotec Limited, New Delhi	Cellular Engineering: Foundation of Future Medicines	2022-05-23
Dr. Gopi G.V., Scientist-E, Wildlife Institute of India (WII), Dehradun, India	Conservation significance of wetlands	2022-02-02
Dr. J.A. Johnson, Scientist-E, Wildlife Institute of India (WII), Dehradun, India	Wetlands action for people and nature	2022-02-02
Dr. Sanjiv Gupta, Chief GM-Manufacturing, SML-ISUZU Ltd.	Interview skills: Emerging dimensions and challenges	2022-03-30
Dr. Shailja Singh, Associate Professor, Jawaharlal Nehru University, New Delhi	Genome editing tool CRISPR-Cas9 and its application	2022-03-21
Dr. Soumya Pati, Associate Professor, Shiv Nadar University, Greater Noida, U.P.,	Journey of the development of next-generation sequencing (NSG) techniques and their applications	2022-03-21
Dr. Sudarshan Kumar, Senior Scientist Animal Biotechnology Center, ICAR-NDRI Karnal.	Protein-based biomarkers methods of discovery and clinical application	2021-08-11
Mr. Vivek Atray, Ex-IAS Officer, author, TEDx	Personality Development	2022-03-30
Ms. Samrita Kaur Gill, Joint Commissioner, Directorate of Data Management, Central Board of Indirect Taxes and customs, Department of Revenue, Ministry of Finance, Government of India, New Delhi.	My journey of becoming an Indian Revenue Service Officer	2022-02-24
Prof. Gulab Khedkar, Director, Paul Hebert Centre for DNA Barcoding and Biodiversity Studies, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, India	Small stories big impact DNA in life science research	2021-08-11
Prof. Rajgopal Raman, Department of Zoology, Delhi University, New Delhi.	Polymerase Chain Reaction (PCR) and its applications	2022-03-25

### MEDICAL PHYSICS

Lectures delivered by Visiting Scholars : NIL

### MICROBIAL BIOTECHNOLOGY

Lectures delivered by Visiting Scholars : NIL

**CENTRE FOR NANOSCIENCE & NANOTECHNOLOGY**

Lectures delivered by Visiting Scholars : NIL

**CENTRE FOR NUCLEAR MEDICINE**

Lectures delivered by Visiting Scholars : NIL

**CENTRE FOR PUBLIC HEALTH**

Lectures delivered by Visiting Scholars : NIL

**CENTRE FOR STEM CELL & TISSUE ENGINEERING & BIOMEDICAL  
EXCELLENCE**

Lectures delivered by Visiting Scholars : NIL

**CENTRE FOR SYSTEM BIOLOGY & BIOINFORMATICS**

Lectures delivered by Visiting Scholars : NIL

**EVENING STUDIES – MULTIDISCIPLINARY RESEARCH CENTRE**

Lectures delivered by Visiting Scholars: NIL

**UNIVERSITY SCHOOL OF OPEN LEARNING**

Lectures delivered by Visiting Scholars : NIL

**PANJAB UNIVERSITY REGIONAL CENTRE LUDHIANA**

Lectures delivered by Visiting Scholars : NIL

**PANJAB UNIVERSITY REGIONAL CENTRE, SRI MUKTSAR SAHIB**

Lectures delivered by Visiting Scholars : NIL

**PANJAB UNIVERSITY RURAL CENTRE, KAUNI, SRI MUKTSAR SAHIB**

Lectures delivered by Visiting Scholars : NIL

**P.U. Swami Sarvanand Giri Regional Centre, Hoshiarpur**

Lectures delivered by Visiting Scholars : NIL



# **EXTENSION LECTURES**

## ANCIENT INDIAN HISTORY, CULTURE & ARCHAEOLOGY

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Dr. Kaburagi Yoshihiro, Japan	Indian National Army and Japanese Connection	-	-	2022-05-04
Prof. Harjeet Singh Gill, Professor Emeritus, Jawaharlal Nehru University, New Delhi	Conceptual Structures in Literature and History	-	-	2021-10-11

## CENTRE FOR THE STUDY OF SOCIAL EXCLUSION AND INCLUSIVE POLICY

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.) NIL

## DEFENCE AND NATIONAL SECURITY STUDIES

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Faculty, Research Scholar and Students	educational tour	-	Dehradun and Mussoorie to visit Military establishments	2022-06-03
Faculty of Department of Law and Defence Studies Departments, Research Scholars and Students	Multifaceted National Security	-	Moot Court Hall, Deptt. of Law	2022-06-02
Training instructors and Security Personnel of Panjab university	Capacity Building Program for Security Personnel of Panjab University	-	Centre for Police Administration	2021-10-23
Experts, Faculty, Research Scholars, Veterans and Students	Kargil War and the Lessons Learnt	-	Panjab University	2021-07-25
Training instructors and Security Personnel of Panjab university	Capacity Building Program for Security Personnel of Panjab University	-	Centre for Police Administration	2021-11-09
Training instructors and Security Personnel of Panjab university	Capacity Building Program for Security Personnel of Panjab University	-	Centre for Police Administration	2021-11-23

## DEPARTMENT CUM CENTRE FOR WOMEN STUDIES & DEVELOPMENT

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Prof.Pam Rajput, Dr Ameer Sultana andDr.Rajesh K.Chander,Prof.Manvinder Kaur	Panel Discussion on the Theme: Girl Child in the 72 Year of the Republic: the Dream and the Reality	-	Dept-cum-Centre for Women's Studies and Development, Panjab University, Chandigarh	2022-01-25
Prof.Pam Rajput, Dr Ameer Sultana andDr.Rajesh K.Chander,Prof.Manvinder Kaur	Webinar on Gender Equality Today for a Sustainable Future Tomorrow	-	Dept-cum-Centre for Women's Studies and Development, Panjab University, Chandigarh	2022-03-08
Prof.Pam Rajput, Dr Ameer Sultana andDr.Rajesh K.Chander,Prof.Manvinder Kaur	Special Lecture on Dr. Babasaheb Ambedkar, Consitution of India and Gender Equality by Prof. Vibhuti Patel, Formaly at Advanced Centre for Women's Studies, School of Development Studies, Tata Institute of Social Sciences	-	Dept-cum-Centre for Women's Studies and Development, Panjab University, Chandigarh	2022-04-18
Prof.Pam Rajput, Dr Ameer Sultana andDr.Rajesh K.Chander,Prof.Manvinder Kaur	Panel Discussion on the Theme: Girl Child in the 72nd year of the Republic the Dream and the Reality on January, 25, 2022.	-	PU, Chandigarh	2022-01-25
Prof.Pam Rajput, Dr Ameer Sultana andDr.Rajesh K.Chander,Prof.Manvinder Kaur	Interdisciplinary lecture series.	-	PU, Chandigarh	2022-06-14
Prof.Pam Rajput, Dr Ameer Sultana andDr.Rajesh K.Chander,Prof.Manvinder Kaur	Panel Discussion on the Theme: Girl Child in the 72nd Year of the Republic: The Dream and the Reality on January 25, 2022.	-	PU, Chandighr	2022-01-25
Prof.Pam Rajput, Dr Ameer Sultana andDr.Rajesh K.Chander,Prof.Manvinder Kaur	Webinar on Gender Equality Today for a Sustainable Future Tomorrow.	-	PU, Chandigarh	2022-03-08



<b>Name of Person(s)</b>	<b>Topic of Lecture</b>	<b>Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc</b>	<b>Institution</b>	<b>Date</b>
Prof.Pam Rajput, Dr Ameer Sultana andDr.Rajesh K.Chander,Prof.Manvinder Kaur	Special Lecture on Dr. Babasaheb Ambedkar, Constitution of India and Gender Equality by Prof. Vibhuti Patel, Formerly at Advanced Centre for Women's Studies, School of Development Studies, Tata Institute of Social Sciences.	-	PU, Chandigarh	2022-04-18
-	Panel Discussion on How to Achieve a Gender Equal World on the Occasion of International Women's Day.	-	-	2021-03-08
Prof.Pam Rajput, Dr Ameer Sultana andDr.Rajesh K.Chander,Prof.Manvinder Kaur	Webinar on the theme Women in Indian Central Armed Police Force Status, Challenges and prospects by Dr. Akshat Mehta Associate Professor, Rashitrya Rekha Shakti University, Gujrat.	-	PU, Chandigarh	2021-10-12
Prof.Pam Rajput, Dr Ameer Sultana andDr.Rajesh K.Chander,Prof.Manvinder Kaur	Panel Discussion on the Theme: Girl Child in the 72nd Year of the Republic: The Dream and the Reality on January 25, 2022.	-	PU, Chandigarh	2022-01-25
Prof.Pam Rajput, Dr Ameer Sultana andDr.Rajesh K.Chander,Prof.Manvinder Kaur	Webinar on Gender Equality Today for a Sustainable Future Towmorrow.	-	PU, Chandigarh	2022-03-08
Prof.Pam Rajput, Dr Ameer Sultana andDr.Rajesh K.Chander,Prof.Manvinder Kaur	Special Lecture on Dr. Babasaheb Ambedkar, Constitution of India and Gender Equality by Prof. Vibhuti Patel, Formerly at Advanced Centre for Women's Studies, School of Development Studies, Tata Institute of Social Sciences.	-	PU, Chandigarh	2022-04-18

## ECONOMICS

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Dr. Smita Sharma	Job Prospects & Career Opportunities in Economics	-	Smt. Aruna Asaf Ali Govt. PG. College, Kalka , Distt Panchkula (Hry)	2021-07-02
Dr. Harpreet Singh	Reviewer of Int. J. of Higher Education and Sustainability	-	Inderscience Publishers	2022-04-15
Dr. Nitin Arora	Verifying the Presence of International Trinity Hypothesis in Indian Economy: A Sign Restricted Bayesian VAR Analysis	-	Yeshwantrao Chavan Arts, Commerce and Science, Ambajogai, Maharashtra	2021-10-23
Dr. Harpreet Singh	Caste, Gender, Location, and Disparity in India: A case for single, double and triple discrimination	-	University of Engineering and Management (UEM), Kolkata	2022-04-08
Dr. Harpreet Singh	Gender inequality in access to healthcare facilities	-	University of Engineering and Management (UEM), Kolkata	2022-04-08
Dr. Harpreet Singh	Gender and Caste- evidence on dual discrimination from rural Punjab	-	Dr. B.R. Ambedkar Chair, G.N.D.U., Amritsar, Punjab	2021-12-06
Harpreet Singh	Ambedkar's contribution for the betterment of Scheduled Castes: Evidence from rural Punjab	-	Dr. B.R. Ambedkar Chair, G.N.D.U., Amritsar, Punjab	2021-12-06
Dr. Harpreet Singh	Gender and premarket discrimination in Punjab	-	Dr. B.R. Ambedkar Chair, G.N.D.U., Amritsar, Punjab	2021-12-06
Dr. Harpreet Singh	A study of gender-wise access to education in Punjab	-	Dr. B.R. Ambedkar Chair, G.N.D.U., Amritsar, Punjab	2021-12-06
Dr. Meenu	Two Invited lectures on the topics from the subjects of Indian Economy and Statistics for Post Graduate Teachers in economics	-	Zonal Institute of Education and Training (Under Kendriya Vidyalaya Sangathan)	2022-06-12
Dr. Meenu	Participated in panel discussion conducted by All India Radio, Jalandhar (recorded on 10th May and aired on 20th May, 2022)	-	All India Radio, Jalandhar	2022-05-10

## GANDHIAN AND PEACE STUDIES

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Dr. Ashu Pasricha	Social Sciences Skills and Careers	-	Govt. college Aharwala, Bilaspur, District Yamuna Nagar	2022-02-15
Dr. Manish sharma	Mahatma gandhi perception of freedom before and after independence	Invited Talk	institute of law kurukshetra university , kurukshetra	2021-09-17
Dr. Ashu Pasricha	Atamnirbhar Bharat : An unfulfilled dream of Gandhi	Guest Lecture	Govt. college Aharwala, Bilaspur, District Yamuna Nagar	2022-02-15
Dr. Ashu Pasricha	Understanding and Incorporating the Gandhian philosophy in the present context	Guest Lecture	Panjab university	2022-02-15
Dr. Manish Sharma	Conflict Resolution, Peace Building and Social Harmony	Resource Person	RGNIYD, Regional Centre, Chandigarh	2022-02-17

## GEOGRAPHY

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Abhishek Jain	Institution Building & Nurturing Initiatives in Independent India	-	Online	2022-06-18

## GURU NANAK SIKH STUDIES

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.) NIL

## LIBRARY & INFORMATION SCIENCE

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Prof. Rajendra M. Kumbhar	"Five habits of successful librarians"	-	Department of Library and information science	2022-04-28

## CENTRE FOR SWAMI VIVEKANANDA STUDIES

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.) NIL

## HISTORY

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.) NIL

## POLITICAL SCIENCE

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Prof. Pampa Mukherjee	Research Methodology and Social Sciences	-	Shoolini University	2022-02-11
Prof. Pampa Mukherjee	Reducing Corruption and Enhancing Accountability in Govt.DoPT	-	MGSIPA	2022-02-09
Prof. Pampa Mukherjee	Environment and Politics in India Refresher Course	-	HRDC-Shimla	2021-12-14
Prof. Pampa Mukherjee	Rights, Resources and Institutions: Community Managed Irrigation Systems in India	-	Graduate Program of Universitas Andalas	2021-07-07
Prof. Ronki Ram	Caste Territoriality: Memory, Society and Nation	-	Deleuze and Guattari Studies in India Collective	2021-11-11
Prof. Ronki Ram	History of the Dalit Struggle in Punjab during the Colonial Period	-	The Asiatic Society, Kolkata	2021-09-17
Prof. Ashutosh Kumar	Electoral Democracy in India: Role of the Election Commission of India	-	Sri Guru Gobind Singh College, Sector 26, Chandigarh	2022-05-06
Prof. Ashutosh Kumar	Dr B R Ambedkar: Indian Constitution and Issue of Social Justice	-	Post-Graduate Government College for Girls, Sector 42, Chandigarh	2022-04-12
Prof. Ashutosh Kumar	Punjab Elections 2022: Continuity or a Turning Point	-	Sikh Forum, Routledge Journal	2022-03-20
Prof. Ashutosh Kumar	'India's Constitutional Democracy at 75: An Institutional Perspective	-	Bhagini Nivedita College, University of Delhi	2022-03-16
Prof. Ashutosh Kumar	India's Constitutional Democracy: Achievements and Concerns	-	Aryabhata College, university of Delhi	2022-02-18

<b>Name of Person(s)</b>	<b>Topic of Lecture</b>	<b>Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc</b>	<b>Institution</b>	<b>Date</b>
Prof. Ashutosh Kumar	India's constitutional democracy at 75	-	Shoolini university, Himachal Pradesh	2022-01-28
Prof. Ashutosh Kumar	Youth participation as electorates in a healthy democracy	-	Guru Gobind Singh Khalsa College of Commerce, Delhi University, New Delhi	2022-01-17
Prof. Ashutosh Kumar	Kashmir: Political History of Constitutional Integration	-	Kashmir Study Centre, Himachal Pradesh Central University	2021-10-24
Prof. Ashutosh Kumar	South Asia Chat, Episode: 109, 'Political Chaos in Punjab	-	National University of Singapore	2021-10-19
Prof. Deepak K. Singh	How to write a research proposal	-	UGC-HRDC, Aligarh Muslim University	2022-05-13
Prof. Pampa Mukherjee	Research Methodology Workshop	-	PU ICCSR, CHANDIGARH	2022-02-03
Prof. Pampa Mukherjee	Guest session on Village Commons in Punjab	-	Azim Premji University, Bangalore	2022-04-06
Prof. Pampa Mukherjee	Valedictory Session for 5-Day National Research Methodology Workshop	-	Shoolni University	2022-02-11
Prof. Ronki Ram	Gender Equality today for a sustainable future tomorrow	-	Department cum Centre for Women Studies & Development and Centre for Human Rights and Duties, P.U. Chd	2022-03-08
Prof. Ashutosh Kumar	National Education Policy 2020: Role of Political Science Teachers	-	Dr. B.R., Ambedkr University of Social Sciences	2022-06-03
Prof. Ashutosh Kumar	Political History of Constitutional Accession	-	Center University of himachal Pradesh	2021-10-24
Prof. Ashutosh Kumar	Constitutional status of accession	-	Center University of Himachal Pradesh	2021-10-31

## **PHILOSOPHY**

**(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.) NIL**

## PSYCHOLOGY

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Roshan Lal	Building Hope for Climate Change	-	Panjab University, Chandigarh	2022-04-21
Roshan Lal	Webinar on Mental Health	-	Online Mode	2022-02-11
Roshan Lal	World Suicide Prevention Day	-	Online Mode	2021-09-10
Roshan Lal	Workshop on Careers in Psychology	-	Panjab University, Chandigarh	2022-05-31
Roshan Lal	Global Virtual Conclave	-	Online Mode	2022-06-01
Jitendra Mohan	Sports Psychology for Pursuit of Excellence	-	Central University of Rajasthan	2021-07-21

## P.U. INSTITUTE OF SOCIAL SCIENCE EDUCATION & RESEARCH

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.) NIL

## SOCIOLOGY

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Prof. Dr Rani Mehta	Community Participation and Societal development: Issues and Challenges	-	HRDC Mlzoram University	2022-06-23

## PUBLIC ADMINISTRATION

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Ms. Kalyani Singh	Pathway to Empowerment through Nutrition	-	Department of Public Administration, Panjab University, Chandigarh	2022-03-08



<b>Name of Person(s)</b>	<b>Topic of Lecture</b>	<b>Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc</b>	<b>Institution</b>	<b>Date</b>
Dr. Bharati Garg	Securing Gains and Awareness for Universalization of Education upto 18 Years (specially for Girl Children)	-	Mohali, Punjab	2021-08-19
Dr. Bharati Garg	Interview Preparation and Personality Development Course	-	Centre for IAS & Other Competitive Examinations, PU, Chandigarh	2021-08-13

### **SCHOOL OF COMMUNICATION STUDIES**

**(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)**

<b>Name of Person(s)</b>	<b>Topic of Lecture</b>	<b>Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc</b>	<b>Institution</b>	<b>Date</b>
Archana R Singh	Ek Kavita, Anek Kavitayen	-	Pu Radio, SCS	2022-03-21
PU Radio SCS	Covid Vaccination and Awareness Drive	-	PU Radio SCS	2021-08-17
Prof. Archana R.Singh	Developing Values And Ethics	-	National Institute Of Technical Teachers Training & Research Sector-26, Chandigarh-	2022-04-18
Dr. Bhavneet Bhatti	Decoding the Proficiency Techniques	-	DAV College for Women Sector 36/A Chandigarh	2022-06-07
Archana R Singh	Status of media and communication research	-	IAMCR	2022-06-02
Archana R Singh	Expert Lecture	-	SPSTI	2021-11-13
Archana R Singh	Journalism education in india	-	IIMC & UNESCO	2021-08-11
Archana R Singh	Status of media research	-	IAMCR	2022-06-02
Archana R Singh	Media literacy	-	Jaipur national university	2021-10-18
Archana R Singh	Poetic rendezvous	-	UT Guest House	2021-12-12
Archana R Singh	Journalism education in india	-	UNESCO & IIMC	2021-08-11
Archana R Singh	Press & Development	-	GCEC	2022-03-02
Archana R Singh	Unmasking public relations	-	PRCI	2022-03-02

## CENTRE FOR SOCIAL WORK

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Dr. Gaurav Gaur	Rakhi Celebration with People Living with HIV/AIDs	-	Girls Hostel No.8 Panjab University, Chandigarh	2021-08-20
Dr. Gaurav Gaur	Cleanliness Drive	-	University Auditorium, Construction Site, Opposite UIAMS, Sector - 25, Panjab University, Chandigarh	2021-10-02
Dr. Gaurav Gaur	Marking of World AIDS day	-	Student Centre, Panjab University, Chandigarh	2021-11-30
Dr. Gaurav Gaur	Exposure Visit to Museum, Department of Zoology, Panjab University	-	Department of Zoology, Panjab University, Chandigarh	2021-12-31
Dr. Gaurav Gaur	Cyclothon	-	Girls Hostel No. 8, Panjab University, Chandigarh	2022-01-01
Dr. Gaurav Gaur	Felicitation for DIsha NGO	-	Activity Room, Centre for Social Work, Panjab University, Chandigarh	2022-02-27
Dr. Gaurav Gaur, Research Scholars and MSW Students	Blanket Distribution	-	Various Construction sites of Panjab University	2022-02-05
Dr. Gaurav Gaur, Research Scholars and MSW Students	International Book Giving Day	-	Construction site Panjab University Chandigarh	2022-02-14
Dr. Gaurav Gaur, Research Scholars and MSW Students	National Science Week	-	Various Schools and NGOs	2022-02-22
Faculty, Research Scholars and MSW Students	Interactive Session Hygiene and Safety with Attendants of Girls Hostel	-	Centre for Social Work	2022-03-12
Faculty, Research Scholars and MSW Students	Social Outreach: Reproductive Health and Menstrual Hygiene Management	-	Bhainsa Tibba in Panchkula	2022-03-08
Ms. Ishita Chaudhary, Alumina of Social Work	MHM Training Programme	-	Girls Hostel 10 PU CHD	2022-03-12
Dr. Gaurav Gaur, Research Scholars and MSW students	International Day of Happiness	-	Construction Site PU Chandigarh	2022-03-24

<b>Name of Person(s)</b>	<b>Topic of Lecture</b>	<b>Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc</b>	<b>Institution</b>	<b>Date</b>
Dr. Gaurav Gaur	Interactive Session with Co Founder of Tarunaya Foundation	-	Centre for Social Work	2022-03-24
Faculty, Research Scholars and Students of Social Work	Tarang an exhibition of Handmade Products	-	Student Centre PU. CHD	2022-03-30
Faculty, Research Scholars and Students of Social Work	Health Mela/Ayushman Bharat Health Week	-	Govt. School Indira Colony, Manimajra	2022-04-22
Faculty, Research Scholars and Students of Social Work	Health Mela at GMSS Manimajra	-	GMSS Manimajra	2022-04-25
Faculty, Research Scholars and Students of Social Work	Felicitation Event International Labour Day	-	Centre for Social Work	2022-05-02
Faculty, Research Scholars and Students of Social Work	Interactive Learning Session GMHS Sector 7 Chandigarh	-	Govt. model High School Sector 7 C Chandigarh	2022-05-06
Research Scholars and MSW students	Street Play Awareness on Harmful Effects of Tobacco	-	Construction site, Sector 25 and Bapu Dham Colony Sector 26 Chandigarh	2022-06-26
Dr. Gaurav Gaur	A Photography Exhibition Canvas of Life A Media Kaleidoscope	-	Student Centre	2022-06-28
Dr. Gaurav Gaur, Research Scholars and MSW students	Dry Rashan Distribution	-	Construction Site Panjab University, Chandigarh	2021-07-30
Dr. Gaurav Gaur, Research Scholars and MSW students	Swachhta Pakhwada	-	Students Centre	2021-08-05
Dr. Gaurav Gaur, Research Scholars and MSW students	Social Work Week	-	Construction Site PU CHD and Village Kajhedi	2021-08-15
Dr. Gaurav Gaur	Honouring Alumni	-	PU Chandigarh	2021-08-15
Dr. Gaurav Gaur, Research Scholars and MSW students	International Day of Girl Child	-	Girls Hostel No.8 PU CHD	2021-10-12
Dr. Gaurav Gaur, Research Scholars and MSW students	Rashan and Cloth Distribution	-	Construction Sites of PU	2021-10-24

<b>Name of Person(s)</b>	<b>Topic of Lecture</b>	<b>Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc</b>	<b>Institution</b>	<b>Date</b>
Dr. Gaurav Gaur, Research Scholars and MSW students	Toys Distribution	-	Govt. Sen. Sec. School Dhanas	2021-12-03
Dr. Gaurav Gaur	Graffiti Painting	-	Student Centre	2022-02-12
Dr. Gaurav Gaur, Research Scholars and MSW Students	New Shawl Distribution	-	Construction Site PU Chandigarh	2022-01-13
Dr. Gaurav Gaur, Research Scholars and MSW Students	Woolen Clothes and Shoes Distribution	-	Construction Site	2021-12-29
Dr. Gaurav Gaur, Research Scholars and MSW Students	Stationery Distribution	-	Govt. Schools of Dhanas, Khudda Ali Sher, Khudda Lahora Chandigarh	2022-02-06
Ms. Ishita Chaudhary, Alumna of Social Work	Menstrual Hygiene Management Session	-	Girls Hostel 2	2022-02-19
MSW Students	Door to Door Awareness Drive Elderly Helpline	-	Chandigarh	2022-02-15
Dr. Gaurav Gaur	Coffee Table Book Launch	-	V.C Office PU CHD	2022-04-21
Faculty, Research Scholars and MSW Students	Honouring UIEASS Workers	-	Centre for Social Work	2021-09-25
Faculty, Research Scholars and MSW Students	Interactive Session with Alumni	-	Centre for Social Work	2022-03-12
Dr. Gaurav Gaur, Research Scholars and MSW Students	Visit to Health and Wellness Centre Sector 47 A Chandigarh with regard to Covid 19 Vaccination Drive	-	Health and Wellness Centre Sector 47 A Chandigarh	2022-03-12
Dr. Gaurav Gaur, Research Scholars and MSW Students	Health Checkup Camp for Migrant Workers, Pregnant Ladies and Children	-	PU Campus	2021-08-18
Dr. Gaurav Gaur, Research Scholars and MSW Students	School Bags Distribution	-	Govt. Model Sen. Sec. School Dhanas	2022-05-07

## CENTRE FOR POLICE ADMINISTRATION

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Prof. Anil Monga	Special lecture on Role of Police in Protecting Children from Sexual Offences	-	Centre for Police Administration, UIEASS, Panjab University, Chandigarh	2021-10-01
Prof. Anil Monga	Interactive Session on Cyber Crime and its Prevention	-	Centre for Police Administration, UIEASS, Panjab University, Chandigarh	2021-11-25
Prof. Anil Monga	A special lecture on Commissionerate System of Policing in Punjab	-	Centre for Police Administration, UIEASS, Panjab University, Chandigarh	2021-11-30

## CENTRE FOR HUMAN RIGHTS & DUTIES

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Dr. Kathirvel S.	One- Day Workshop for Construction Workers of Sector-25 Chandigarh on Drug De-addiction	-	Sector-25 Chandigarh	2021-07-15
Ms. Surbhi Sethi, President, Rotaract Club Chandigarh Himalayan	Uplifting Personality, Serving Humanity	-	Centre for Human Rights and Duties, Panjab University, Chandigarh online	2021-09-03
Ms. Drishti Kharbanda, Social Entrepreneur & Journalist, Sarvani NGO	Youth as Changemakers: Journey of Sarvani	-	Centre for Human Rights and Duties, Panjab University, Chandigarh	2021-09-29
Ms. Samita Kaur, Citizen Activist and a Consultant, Warrior Moms	Warrior Mom's: Engendering Agriculture and Environment	-	Centre for Human Rights and Duties, Panjab University, Chandigarh	2021-09-30
Mr. Gurdeep Singh, Research Scholar, Centre for Human Rights and Duties, Panjab University, Chandiga	Bahujan Library: A Visual Journey	-	Centre for Human Rights and Duties, Panjab University, Chandigarh	2021-10-07
Dr. Upneet Kaur Mangat, Adv. Veena Kumari, S.	HRLN State Level Meeting	-	Chandigarh Press Club,	2021-10-17

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Mang Gurparasad, Dheeru Yadav			sector 27, Chandigarh	
Coventurers (Mr. Anas Shah Khan, Ms. Chetna Singhania, Mr. Satyam Bhandari, Aslam Malik,)	Capacity Building Workshop on Business Acumen for Social Enterprises and Start-Ups	-	Centre for Human Rights and Duties, Panjab University, Chandigarh	2021-10-21
Mr. Yashasvi Nain, Human Rights Expert, Permanent delegation (UN and Other orgs) Geneva	Practical Understanding of UN Human Rights Council	-	Centre for Human Rights and Duties, Panjab University, Chandigarh	2021-11-01
Ms. Aayushi Sharma, Research Scholar, Centre for Human Rights and Duties, Panjab University	Special Lecture on Considerations for choosing a Measure of Central Tendency	-	Centre for Human Rights and Duties, Panjab University, Chandigarh	2021-11-08
Ms. Aayushi Sharma, Research Scholar, Centre for Human Rights and Duties, Panjab University	Special Lecture on Statistics: Understanding Correlation	-	Centre for Human Rights and Duties, Panjab University, Chandigarh	2021-11-10
Mr. Gyan Kothari, Lead Researcher at the Working Group on Human Rights in India and the UN (WGHR)	Human Rights Advocacy Workshop on Understanding UN Human Rights Council's Universal Periodic Review (UPR) & Role of Working Group on Human Rights (WGHR), India	-	Centre for Human Rights and Duties, Panjab University, Chandigarh	2021-11-12
Prof. Sangita Saini, Dayalbagh Educational Institute, Dayalbagh, Agra	Sustainability: Everyone's Responsibility	-	Panjab University, Chandigarh	2021-07-15
Dr. Ajeet Sidana, Government Medical College & Hospital, Sector-32 Chandigarh	Workshop on Drug De-addiction	-	Panjab University, Chandigarh	2021-07-27
Dr. Jayanti Dutta, Human Resource Development Centre, Panjab University, Chandigarh	Workshop for NCC Cadets on Mental Health and Well Being	-	Centre for Human Rights and Duties, Panjab University, Chandigarh	2021-08-11
Dr. Manreet Kaur & Ms Deepika Lamba, GMCH, Sector-32, Chandigarh	One Day Workshop for BSF (Women) Personnel on Stress and Its Impact on Mental Health	-	Centre for Human Rights and Duties, Panjab University, Chandigarh	2021-08-12
Ms. Aayushi Sharma, Research Scholar, Centre for Human Rights and	Special Lecture on Considerations for Choosing a	-	Centre for Human Rights and Duties, Panjab	2021-11-24



<b>Name of Person(s)</b>	<b>Topic of Lecture</b>	<b>Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc</b>	<b>Institution</b>	<b>Date</b>
Duties, Panjab University,	Measure of Dispersion		University, Chandigarh	
Ms. Aayushi Sharma, Research Scholar, Centre for Human Rights and Duties, Panjab University, Chandig	Special Lecture on Understanding Representation of Data: Graphical and Tabular Special Lecture on Statistics: Data processing and Analysis through MS-Excel	-	Centre for Human Rights, & Duties, PU	2021-11-26
Sh. Surender Kumar, Member Secretary and Sh. Rajeshwar Singh, Law Officer, SLSA, CHD	Inaugural Session Equality: Reducing Inequalities, Advancing Human Rights	-	Centre for Human Rights and Duties, Panjab University, Chandigarh	2021-12-06
Mr. Rajesh Singhi, Founder Executive Director, Ibtada, Alwar, Rajasthan	Community Empowerment and Human Rights: A Journey of Community Development Practitioner	-	Centre for Human Rights and Duties, Panjab University, Chandigarh	2021-12-10
Ms. Priya Hingorani, Senior Advocate Dr. Aman Hingorani, Advocate on Record, Supreme Court of India	Public Interest Litigation in India: A Tribute to Mr. N.H. Hingorani & Mrs. Pushpa Kapila Hingorani	-	Centre for Human Rights and Duties, Panjab University, Chandigarh	2021-12-10
Ms. Aayushi Sharma, Research Scholar, Centre for Human Rights and Duties, Panjab University, Chandig	Special Lecture on Statistics: Data Analysis through SPSS	-	Centre for Human Rights and Duties, Panjab University, Chandigarh	2021-12-31
Prof. Bhavani Rao, Cdr. Ruby Singh, Ms. Raman Mann & Prof. Pam Rajput	Gender Equality Today For a Sustainable Future Tomorrow	-	Centre for Human Rights and Duties, Panjab University, Chandigarh	2022-03-08
Mr. Ankit Chhabra, Co-founder & Ms. Beant Kaur, Team Member, Sanjhi Sikhia, Punjab	Leadership in the 21st Century	-	Centre for Human Rights and Duties, Panjab University, Chandigarh	2022-03-30
Ms. Harsharan Kaur State Coordinator, Punjab Sewa Bharat	Financial Empowerment of Rural Women: A Journey of SEWA Punjab	-	Centre for Human Rights and Duties, Panjab University, Chandigarh	2022-04-21
Mr. Manu Moudgil, Independent Journalist and Researcher	Media and Environmental Advocacy	-	Centre for Human Rights and Duties, Panjab University, Chandigarh	2022-05-02
Sh Devinder Sharma, Hardeep Kadian (IAS), Adarsh Pal Vig	Dissemination cum Consultation Workshop on Crop Residue Management in India: Strategies and Challenges	-	ICSSR Seminar Hall, Panjab University	2022-05-04

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Mr. Rajwinder Singh Gill, Deputy Director, Punjab State Commission for Protection of Child Rights	Exposure Visit to Punjab State Commission for Protection of Child Rights	-	Punjab State Commission for Protection of Child Rights	2022-05-09
Prof Manjit Singh, Dinesh Khapad, Jyoti, Sunil Kumar, Adv. Mandeep,	One Day State- Level Meeting on Contemporary Human Rights Situation in Haryana	-	Golden Jubilee Hall, Panjab University	2022-05-21
Ms. Asmi Sharma	Online Workshop on Right to Information	-	Centre for Human Rights and Duties, Panjab University, Chandigarh	2022-05-21
Ms. Reshma Prasad, Member, NCTP, MoSJE Dr. R. GIRRIRAJ, Director, National Institute of Social Defence	Online Sensitization Program on the Provisions of the Transgender Persons (Protection of Right) Act, 2019 & Rules, 2020	-	Centre for Human Rights and Duties, Panjab University, Chandigarh	2022-06-08
Dr. P. Madhava Soma Sunderam & Dr. R. GIRRIRAJ, Director, National Institute of Social Defence	Social Change by Knowing Social Defence Issues	-	Centre for Human Rights and Duties, Panjab University, Chandigarh	2022-06-02
Dr. Upneet Kaur Mangat & Dr. Kanika Sharma	Social Auditing at Faidan Nizampur: ICDS and Swachh Bharat Mission	-	Centre for Human Rights and Duties, Panjab University, Chandigarh	2022-05-28
Ms. Rakshita Swamy, Head, & Mr. Khush Vachhrajani National Resource Person, SAFAR	One-day Workshop on Social Accountability: Theory and Practice	-	Centre for Human Rights and Duties, Panjab University, Chandigarh	2022-06-10
Prof. Raj Kumar, Dr. Satya Narayan Sabat, IPS, Prof. (Dr.) Sunita Mishra	Indian Culture and Human Rights & Food Safety and Standard: A Public Health Concern	-	Common Seminar Hall, Emerging Areas Building, Panjab University	2022-06-14

### UNIVERSITY BUSINESS SCHOOL

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Dr. Purva Kansal	How to write a Research Paper	-	Swami Vivekanand Group of Institutes, Banur	2022-02-07

## UNIVERSITY INSTITUTE OF APPLIED MANAGEMENT SCIENCES

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
International Women's Day	Social Awareness Campaign	Others	UIAMS, South Campus Sector 25, Chandigarh	2022-03-08
Dr. Manu Sharma, Dr. Manjushri Sharma	Orientation / Induction Programmes	Others	University Institute of Applied Management Sciences (UIAMS) Panjab University, Chandigarh	2022-05-26
Mr. Vikas Sangwan (Cyber-crime expert)	Seminar on Cyber Crime Awareness	Invited Talk	University Institute of Applied Management Sciences	2022-05-24

## UNIVERSITY INSTITUTE OF HOTEL AND TOURISM MANAGEMENT

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.) NIL

## INDIAN THEATRE

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Dr. Navdeep Kaur, Students of MA-I & MA-II	Street Play Nazariya	-	Sector 17 Underpass, Chandigarh	2022-04-09
Dr. Navdeep Kaur, Students of MA-I & MA-II	Cleanliness drive under Swatch Bharat Abhiyan	-	Deptt. Of Indian Theatre	2022-04-27
Dr. Navdeep Kaur	Annual Production of Play 'LAAL LAKEER' DAY 1	-	Department of Indian Theatre	2022-06-16
Dr. Navdeep Kaur	Annual Production of Play 'LAAL LAKEER' DAY 2	-	Department of Indian Theatre	2022-06-17
Dr. Navdeep Kaur	Annual Production of Play 'LAAL LAKEER' DAY 3	-	Department of Indian Theatre	2022-06-18
Dr. Navdeep Kaur	Annual Production of Play 'LAAL LAKEER' DAY 4	-	Department of Indian Theatre	2022-06-19
Dr. Navdeep Kaur	Annual Production of Play 'LAAL LAKEER' DAY 5	-	Department of Indian Theatre	2022-06-20

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Dr. Navdeep Kaur	Annual Production of Play 'LAAL LAKEER' DAY 6	-	Department of Indian Theatre	2022-06-21

### ART HISTORY AND VISUAL ARTS

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Professor Sangeeta Bagga Mehta	Architecture and Art of Chandigarh: The first modern city of independent India	-	Online	2021-12-01
Students	Independence Day	-	Online	2021-08-15
Faculty and Students	Tree Plantation	-	Department of Art History and Visual Arts	2022-06-07

### MUSIC

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.) NIL

### DEPARTMENT OF COMMUNITY EDUCATION & DISABILITY STUDIES

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Md Taukir Alam	Community Based Rehabilitation	-	Adarsh rehabilitation centre for physically and mentally handicapped children Bhiwani Haryana	2021-10-08
Md Taukir Alam	Individualized Education Program for children with special needs	-	Adarsh rehabilitation centre for physically and mentally handicapped children Bhiwani Haryana	2022-03-25
Dr.Md Saifur Rahman	Importance of Early Intervention for Children with Learning Disabilities	-	Deptt. of Special Education, Himalyan Univ. Arunachal Pradesh	2021-10-16
Dr.Md Saifur Rahman	Current Learning Disabilities Association and their Policies	-	International Society for Engineering Research and	2021-10-31

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
	Across the World: Some Observations		Development (ISERD) International Conference on Education and E-Learning	
Dr.Md Saifur Rahman	Intervention Strategies used for students with Dyslexia in Classrooms	-	SCERT, Chandigarh	2021-11-26
Dr. Navleen kaur	Lecture for CWSN student to JBT teachers on 21 Disability	-	Govt. Model Senior Secondary School, Sector 38 (W), Chandigarh	2022-01-25
Dr. Navleen kaur	Lecture on Inclusive Education to our primary Teachers	-	Govt. Model Senior Secondary School, Sector 40, Chandigarh	2022-01-24
Dr. Navleen kaur	Communication and Language Skills	-	Professional Development Program by UKWDP of Uttrakhand State, Organised by NITTR Chandigarh and UKWDP, Uttrakhand State	2022-01-20
Dr. Navleen kaur	Pedagogy and Techniques of Teaching	-	Professional Development Program by UKWDP of Uttrakhand State, Organised by NITTR Chandigarh and UKWDP, Uttrakhand State	2022-01-21
Dr. Navleen kaur	World Students Day 2021: Its importance'	-	Sant Darbara Singh College of Education for Women, Lopon and Sanatam Dharam College, Hoshiarpur	2021-10-13
Dr. Navleen kaur	Outcome-Based Learning Designs for Differently Able Children'	-	Lovely Professional University, Phagwara	2021-12-08
Dr. Navleen kaur	Learning Disability: Assessment and Intervention'	-	Dept. of TT and NFE (IASE), Faculty of Education, Jamia Millia Islamia, New Delhi	2022-02-12
Dr. Navleen kaur	Strategies for Promotion of Inclusive Education'	-	Dept. of Education, USOL, Panjab University, Chandigarh	2022-05-28
Dr. Anuradha Sharma	Awareness about RPWD Act 2016	-	Govt. Model Sr. Sec. School Dhanas UT Chandigarh	2022-02-26
Dr. Anuradha Sharma	Concession facilities by CBSE	-	Govt. Model Sr. Sec. School Dhanas UT	2022-02-26

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Dr. Anuradha Sharma	Provision for CWSN in New Education Policy	-	Chandigarh Govt. Model Sr. Sec. School Dhanas UT Chandigarh	2022-02-27
Dr. Anuradha Sharma	Parental Counseling session on behavior management of children with special needs	-	Govt. Model Sr. Sec. School Dhanas UT Chandigarh	2022-03-07
Dr. Anuradha Sharma	Role of community in creating awareness about disabilities	-	Govt. Model Sr. Sec. School Dhanas UT Chandigarh	2022-03-07

## EDUCATION

**(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)**

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Prof. Latika Sharma	Emerging Trends in Educational Research	-	Ant Darbara Singh College Of Education For Women, Lopon (MOGA) Pb	2022-03-22
Dr Nandita Singh	Value Education And NEP 2020	-	Devi Ahilya Vishvavidalaya Indore	2022-02-02
Dr Nandita Singh	Refresher Course In Teacher Education	-	Davv Indore	2022-01-25
Dr Nandita Singh	Preparing Teachers For Futuristic Capacity	-	Panjab University	2022-01-15
Prof. Latika Sharma	"Mixed method design: purpose and procedures" on 7th March 2022as	-	School of Education, Central University of Haryana	2022-03-07
Prof. Latika Sharma	online meet of SFG (Adult Education)	-	SCERT Solan	2022-03-08
Prof. Latika Sharma	National Institute Of Educational Planning And Administration	-	National Institute Of Educational Planning And Administration (Doomed to bo Unlvorolty under Mln il lry of Educallon, Govt of India) 17-B, SriAuroblndo Marg , New Deihl 110 016	2022-03-03



<b>Name of Person(s)</b>	<b>Topic of Lecture</b>	<b>Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc</b>	<b>Institution</b>	<b>Date</b>
Dr. Nandita Singh	Entrance Test	-	UIAMS South Campus Panjab University Sector 25 Chandigarh	2022-05-24
Dr Kuldeep Kaur	Mindfulness in Education	-	AMU, Aligarh	2022-06-28
Prof. Satvinderpal Kaur	Teacher & Teaching in the Contemporary Times	Invited Talk	Khalsa College Muktsar	2021-09-05
Prof. Satvinderpal Kaur	Multicultural Padagogy	Invited Talk	HRDC P.U.	2021-12-30
Prof. Satvinderpal Kaur	New Imagination & Technology	Invited Talk	HRDC Indore	2022-02-01

### **LIFELONG LEARNING & EXTENSION**

**(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)**

<b>Name of Person(s)</b>	<b>Topic of Lecture</b>	<b>Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc</b>	<b>Institution</b>	<b>Date</b>
Dr.P.S.Kang	Developing Curricular Vital	-1	DLLL&E, PU.Chd	2022-02-17
Dr. P.S. Kang	Role of Constitution and Human Rights	-1	DLLL&E,PU., Chd	2021-11-26
Prof.Prabha	Choosing Career in relation to gender	Lead Talk	DLLL&E,PU,Chd	2021-11-16
Dr.P.S.Kang	Vigilance and Students	-1	DLLL&E,PU,Chd	2021-10-29
Dr.P.S.Kang	Protection of Environment and Tree Plantation Drive	Others	DLLL&E,PU,Chd	2021-09-29
Mrs.Renu Gandhi	Managing anxiety during pandemic emergency	-1	Y.W.C.A., Sec-11, Chd	2021-07-30
Mrs.Renu Gandhi	Women Rights and Duties	Others,	Y.W.C.A, Sec-11,Chd	2021-12-09
Mrs.Renu Gandhi	Awareness Session for Community to sensitize them for preventive measures on Covid-19 transmission	Others,	Gurdwara Sahab, Sec-11, Chd	2022-01-03
Mrs.Renu Gandhi	Sensitizing girls to handle sexual abuse and other exploitation at workplace	Others,	Y.W.C.A. Sec-11, Chd	2022-03-08
Mrs.Renu Gandhi	Women Entrepreneurship	Others,	Y.W.C.A, Sec-11, Chd	2022-04-30
Prof.Prabha Vig	Economic inequalities, Technology and Gender	Resource Person,	Govt.College of Education Sec-20, Chd	2022-03-07

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
	Equality			
Prof.Prabha Vig	Role of Technology and innovation in maintaing Gender Equality	Invited Talk,	Shivalik College of Education, Nangal, Ropar	2022-03-09
Prof.Prabha Vig	Career Development and Women	Others,	DLLL&Ext.PU, Chd	2021-11-16

## INSTITUTE OF EDUCATIONAL TECHNOLOGY & VOCATIONAL EDUCATION

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.) NIL

## PHYSICAL EDUCATION

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.) NIL

## DR SS BHATNAGAR UNIVERSITY INSTITUTE OF CHEMICAL ENGG. & TECH.

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Prof. Seema Kapoor	Donation for a malnourished child	-	DIR-India, an NGO in Nayagaon	2022-01-10
Prof. Anupama Sharma	Our Scheme our development, outreach programme	-	Gram panchayat Malikpur	2022-03-15
Prof.Ritu Gupta, Dr. Sonia sharma	Online Talk on Introduction to Project Management	-	Dr. SSBUI CET,P.U,CHD	2022-03-27
Gargi Ghoshal	Invited talk during three weeks Faculty Development Programme (FDP) on Bioprocess Technology	-	Centre of Innovative and Applied Bioprocessing (CIAB), Mohali	2022-03-21
Prof. Anupama Sharma	Book launch by illustrious Alumni	-	Dr. SSB UICET placement cell	2022-04-30
Anupama Sharma and Prof. Monica Munjial	Health and Hygiene in village Community	-	Village Sarsini, Derabassi, Punjab	2021-10-28

## ENERGY RESEARCH CENTRE

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.) NIL

## UNIVERSITY INSTITUTE OF ENGINEERING & TECHNOLOGY

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Kapish mittal	Pre-Placement Workshop	-	UIET	2021-08-07
Kapish mittal, sankalp mukherjee, Munishwar sharma, Ravi	Cultural event	-	UIET	2021-08-15
Dr. Kalpana Dahiya	Role of science in Pandemic	-	UIET, Panjab University	2022-02-28
Sunil Bansal	DEmo Day	-	UIET	2022-03-02
Sunil Bansal	Exhibition	-	UIET	2022-02-28
Aarushi Sharma	Student Mentor Program	-	UIET	2022-02-26
kapish mittal	Pre-Placement Workshop	-	UIET	2021-07-24
Gaurav rajput, Piyush Aggarwal	Scribble Day	-	UIET	2022-04-29
Aastha Verma	Republic Day	-	UIET	2022-01-26
Kalpana Dhaiya	Student Visit	-	UIET	2022-01-30
Gaurav Rajput	Safarnama	-	UIET	2021-11-28
Gaurav rajput	Alumni Talk	-	UIET	2022-05-20
Veenu Mangat	placement talk	-	UIET	2022-04-28
Dr. Veenu Mangat	Pre-Placement Workshop	-	University Institute of Engineering and Technology, Punjab University	2021-08-02
Devanshu	Cultural	-	UIET	2022-06-04
Dr. Gagandeep Singh	Cleanliness cum Plantation drive	-	Department of National Service Scheme, Panjab University	2021-08-02
Kunal jain	cultural event	-	UIET	2021-07-31
Dr. Gagandeep Singh	Talk	-	NSS UIET	2021-07-26

<b>Name of Person(s)</b>	<b>Topic of Lecture</b>	<b>Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc</b>	<b>Institution</b>	<b>Date</b>
Kapish Mittal	Placement	-	UIET	2021-08-24
Dr. kalpana dahiya, Aastha verma	Talk	-	UIET	2022-02-15
Gaurav rajput, aastha verma, dhriti, Ashwini, siddakdeep	Cultural event	-	UIET	2022-03-08
Aastha Verma	Cultural	-	UIET	2021-11-17
Aastha verma	cultural event	-	UIET	2022-02-13
Ravi	Cultutral Event	-	UIET, Punjab University	2022-06-01
Mr. Jagji singh, aastha verma	Technical event	-	UIET	2022-02-28
Kamakshi thakur	Cultural event	-	UIET	2022-02-28
Dr Nishima	Technical	-	UIET	2022-04-04
Dr. JK goswamy, Ms. Sanju kumari	Technical event	-	UIET	2021-08-02
Dr. Kalpana Dahiya	National Science Day, Student's Visit	-	UIET, Panjab University	2022-02-28
Dr. Kalpana Dahiya	International Women's day	-	UIET, Panjab University	2022-03-08

### **UNIVERSITY CENTRE OF INSTRUMENTATION AND MICRO-ELECTRONICS**

**(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)**

<b>Name of Person(s)</b>	<b>Topic of Lecture</b>	<b>Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc</b>	<b>Institution</b>	<b>Date</b>
Prof G. R. Chaudhary, Dr. Ramesh K Sharma	Awareness Program - 1	-	SAIF/CIL, PUC	2022-02-22
Prof G. R. Chaudhary, Dr. Anurag Kuhad	Awareness Program - 2	-	SAIF/CIL, PUXC	2022-02-23
Prof G. R. Chaudhary, Dr. Rajeev Kumar	Awareness Program - 3	-	SAIF/CIL, PUC	2022-02-28
Prof G. R. Chaudhary, Dr. Sandeep Kumar	Awareness Program - 4	-	GJUS&T, Hisar	2022-02-24

<b>Name of Person(s)</b>	<b>Topic of Lecture</b>	<b>Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc</b>	<b>Institution</b>	<b>Date</b>
Prof G. R. Chaudhary, Dr. Ashok Sharma	Awareness Program - 5	-	DCRUST, Murthal	2022-02-25
Prof G. R. Chaudhary, Dr. Balwinder Singh Sooch	Awareness Program - 6	-	Panjabi University, Patiala	2022-02-25
Prof G. R. Chaudhary, Dr. Khameshwar Kumar	Awareness Program - 7	-	MLSM College, Sundernagar, Mandi	2022-02-27
Prof G. R. Chaudhary, Dr. Vijay Kumar	Awareness Program - 8	-	NIT, Srinagar, J&K	2022-02-28
Prof G. R. Chaudhary, Dr. M.A. Khuroo	Awareness Program - 9	-	University of Kashmir	2022-02-28
Prof G. R. Chaudhary, Dr. Sukhprit Singh	Awareness Program - 10	-	GNDU, Amritsar	2022-02-28
Prof G. R. Chaudhary, Dr. Sandeep Singh	Awareness Program - 11	-	PAU, Ludhiana	2022-02-28
Prof G. R. Chaudhary, Dr. R K Narang	Awareness Program - 12	-	ISF College, Moga	2022-02-28
Prof G. R. Chaudhary, Dr. Sunil Purii	Awareness Program - 13	-	Shoolini UNiversity, Solan, HP	2022-02-28
Prof G. R. Chaudhary, Dr. Suresh Sharma	Awareness Program - 14	-	DAV College Abohar	2022-02-28
Prof G. R. Chaudhary, Dr. Deepika Sharma	Awareness Program - 15	-	INS&T, Mohali	2022-02-28
Prof G. R. Chaudhary, Dr. Pooja D Singh	Awareness Program - 16	-	CSIR-CSIO, Sec-30, Chandigarh	2022-02-28
Prof G. R. Chaudhary, Dr. Y. K. Rawal	Advanced Molecular Biology Techniques (Bioscience for Human Health Mission)	-	SAIF/CIL PUC and Department of Zoology PUC	2022-03-21
PROF. G.R. chaudhary, Prof. Palwinder Singh, Prof. Sukhprit Singh	Insights Into Analytical Instrumentation For Applied Sciences (Workshop on Analytical Methods)	-	GNDU, Amritsar	2022-04-26
PROF. G.R. CHAUDHARY, DR. Sandeep Kumar, Prof. Devinder Kumar	Insights Into Analytical Instrumentation For Applied Sciences (Skill India Progressive India)	-	GJUS&T, Hisar	2022-05-10
Prof. G.R. Chaudhary, Dr. Poonam A. Sachdev, Dr. Dhanwinder Singh	Application Of Advanced Analytical Instruments In Agriculture (Workshop on Analytical Methods)	-	PAU, Ludhiana	2022-05-17

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Prof. Ganga Ram Chaudhary, Prof. Sonal Singhal, Dr . Rohit Kumar Sharma	X-Ray And Chromatography Based Techniques For Academic & Industrial Innovations (National Mission for Accelerating Growth of New India's Innovation (AGNI))	-	Department of Chemistry and SAF/CIL, PUC	2022-05-27
Prof. Ganga Ram Chaudhary, Dr . Vijay Kumar	Material Processing And Advanced Functional Material Characterization Techniques(Atmanirbhar Bharat Abhyan)	-	NIT, Srinagar, J&K	2022-05-30
Prof G. R. Chaudhary	Green Chemistry for Sustainable Development-I	-	UGC-HRDC, Shimla	2021-09-28
Prof G. R. Chaudhary	Green Chemistry for Sustainable Development-II	-	UGC-HRDC, Shimla	2021-09-30
Dr. Ramesh K Sharma	Basics of Analytical Instrumentation and their applications	-	NITTTR, Sec-26, Chandigarh	2022-05-24
Dr. Ramesh K Sharma	Basics of Analytical Instruments and their applications 27.05.2022	-	Dept Of Chemistry, PUC	2022-05-27
Dr. Ramesh K Sharma, Prof. BC Choudhary	Analytical Techniques for Material Characterization	-	NITTTR, Sec-26, Chd (online mode)	2022-03-07
Prof G. R. Chaudhary	Sustainable Physical Chemistry	-	Khalsa College, Amritsar	2022-03-11
Er. H. P. S. Kang	How to get Unique Disability Identification(UDID) Card for person with disability	-	Department Of Community Education And Disability Studies, Panjab University, Chandigarh	2021-10-29

## CHINESE AND TIBETAN LANGUAGES

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.) NIL

## DAYANAND CHAIR FOR VEDIC STUDIES

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Prof. Vikram Kumar,	दयानन्द सरस्वती का वैदिक समाज		Lecture Hall No. 3, Arts	2021-11-08



Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Retd. Prof. Department of Sanskrit, PU, Chandigarh			Block No.1, Department of Sanskrit, PU, Chandigarh	
Prof. Balvir Acharya, M.D.U. Rohtak	दयानन्द सरस्वती की दृष्टि में अष्टांगयोग	-	Room No.5, Library of Department of Sanskrit, Panjab University, Chandigarh.	2022-03-09
Dr. Prashant Acharya, Vedic Gurukul, Alwar	आस्तिक दर्शनों का समन्वय	-	Lecture Hall No. 3, Arts Block No.1, Department of Sanskrit, PU, Chandigarh	2022-05-09
Prof. V.K.Alankar, Deptt. of Sanskrit, PU, Chandigarh	वैदिक योग – महत्त्व	-	Room No.5, Library of Department of Sanskrit, Panjab University, Chandigarh.	2022-06-21

### ENGLISH & CULTURAL STUDIES

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Surbhi Goel	Green Filmmaking Workshop		Department of English and Cultural Studies	2022-04-21

### FRENCH & FRANCOPHONE STUDIES

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Prof.Cecilia Antony	Faculty development programme	-	Amity University, Kookata	2021-08-09

### GERMAN

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.) NIL

### HINDI

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

<b>Name of Person(s)</b>	<b>Topic of Lecture</b>	<b>Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc</b>	<b>Institution</b>	<b>Date</b>
Archarya Arvind Muni	Yog Shivir	-	Deptt. of Hindi, Panjab University, Chandigarh	2022-06-07
Prof. Santosh Kumari Sharma, Ex-Chairperson, USOL	Mulya Evam Kaushal Adharit Nai Shiksha Niti Aur Kabir Ke Sandarbh	-	Deptt. of Hindi, Panjab University, Chandigarh	2022-06-02
Prof. Santosh Kumari Sharma, Ex-Chairperson, USOL	Antarrashtriya Mahila Divas	-	Deptt. of Hindi, Panjab University, Chandigarh	2022-03-09
Prof. Karunashankar Upadhyay, Mumbai University	Swami Vivekanand Se Yuvao Ko Prerna	-	Deptt. of Hindi, Panjab University, Chandigarh	2022-01-12
Dr. Bhagwati Prasad Nidariya, Dy. Director, Kendriya Nideshalya, New Delhi	Devnagri Lipi Aur Hindi Vartani Ka Mankikaran	-	Deptt. of Hindi, Panjab University, Chandigarh	2021-09-14
Pandey Shashi Bhushan Shitanshu	Godan Mein Bhartiayata	-	Deptt. of Hindi, Panjab University, Chandigarh	2021-07-31

### **SCHOOL OF PUNJABI STUDIES**

**(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.) NIL**

### **PUNJABI LEXICOGRAPHY**

**(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.) NIL**

### **RUSSIAN**

**(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)**

<b>Name of Person(s)</b>	<b>Topic of Lecture</b>	<b>Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc</b>	<b>Institution</b>	<b>Date</b>
Prof Pankaj Malviya	Hindi ke Badhate Aayam, Amulya Virasat	-1	Navyug Kanya Mahavidyalaya Lucknow	2022-01-09

## SANSKRIT

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Prof. Vasant Kumar Bhatt, University of Gujrat, Gujrat	The Major Variants In The Text Of Abhijnanashakuntalam	-	Room No. 5, Library of the Department of Sanskrit, PU, CHandigarh	2021-10-25
Prof. Vikram Kumar, Retd. Prof. Department of Sanskrit, PU, Chandigarh	दयानन्द सरस्वती का वैदिक समाज		Lecture Hall No.3, Arts Block-I, Deptt. of Sanskrit	2021-11-08
Prof. Rahas Bihari Dwivedi, Rani Durgawati University of Jabalpur, MP	काव्यस्वरूपविमर्श		Room No. 5, Library of the Department of Sanskrit, PU, CHandigarh	2022-01-24
Ms. Shyampriya, Lokayurved	नारी स्वास्थ्य संजीवनी (नारी दिवस)		Room No. 5, Library of the Department of Sanskrit, PU, CHandigarh	2022-03-08
Prof. Balvir Acharya, M.D.U. Rohtak	दयानन्द सरस्वती की दृष्टि में अष्टांगयोग		Room No. 5, Library of the Department of Sanskrit, PU, Chandigarh	2022-03-09
Prof. V.K.Alankar	Importance of The Traditional Indian New Year Vikrami Samvat 2079 And Vaisakhi Festival		Room No. 5, Library of the Department of Sanskrit, PU, CHandigarh	2022-04-19
Dr. Prashant Acharya, Vedic Gurukul, Alwar	आस्तिक दर्शनों का समन्वय		Lecture Hall No.3, Arts Block-I, Deptt. of Sanskrit	2022-05-09
Caterina Guenzi, Center for South Asian studies, Paris, France	Beyond Kavya & Shastra : The Karmavipakasamhita As A Collection Of Medical Case Narratives		Room No. 5, Library of the Department of Sanskrit, PU, CHandigarh	2022-06-20
Prof. V.K.Alankar, Deptt. of Sanskrit, PU, Chandigarh	वैदिक योग – महत्त्व		Room No. 5, Library of the Department of Sanskrit, PU, CHandigarh	2022-06-21

## URDU

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Dr. Ali Abbas	Educational Status of Muslim Community	Resource Person	Center for Study of social Exclusion & Inclusive Policy, P.U, Chd.	2022-02-11
Dr. Ali Abbas	Jashn-E-Ghalib	Resource Person	Literary Club	2021-12-19
Dr. Ali Abbas	Urdu teachers Training Workshop	Resource Person	Punjab Urdu Academy	2022-03-07

## VISHVESHVARANAND VISHWA BANDHU INSTITUTE OF SANSKRIT AND INDOLOGICAL STUDIES

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Dr. Ritu Bala	श्रीमद्भगवद्गीता में भक्तियोग	Guest Lecture,	Chanderhari Mithila Mahavidyalya Darbhanga bihar	2022-05-06
Dr. Ritu Bala	श्रीमद्भगवद्गीता में गुरु शिष्य सम्बन्ध	Guest Lecture,	Kurukshetra University, Kurukshetra	2021-12-10
Dr. Ritu Bala	Vedo mein Adarsh Samaj ki Avdharana	Invited Talk,	Kanya Mahavidyalya, Jalandhar	2022-03-11
Dr. Ritu Bala	संस्कृतसाहित्ये गुरुशिष्यसंबंधः	Lead Talk,	संस्कृतभारती पञ्जाबप्रांत(न्यास)	2021-12-18

## LAWS

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Prof. Supinder Kaur	Two days Online Training Programme on "Prevention of Sexual Harassment (POSH) Act: Implementation, Gaps and Way	-	IIM, Kashipur	2021-11-17

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Prof. Devinder Singh	Forward” Virtual National Seminar on “Entrepreneurship and Technology Future Trends”	-	Army Institute of Law, Mohali.	2021-11-17

### UNIVERSITY INSTITUTE OF LEGAL STUDIES

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Anupam Bahri	Impact of autoimmune diseases on women	-	PU	2021-10-12
Dr. Anju Choudhary	Online seminar on social and economics offence in reference to LGBT q for LLM students online	-	UILS	2021-09-17
Dr. Anju Choudhary	Psychological theory of crime and body languages of criminals for LLM students online	-	UILS	2021-09-24
Prof.(Dr.) Rajinder Kaur,Dr. Bharat	Badminton tournament	-	Gymnasium hall PU	2022-05-23
Ms.Kajal,Dr.Gurpreet Kaur,Dr. Sonal Dutta,Ms. Sulbha Setia	Orientation online classes	-	UILS PU	2021-11-12
Ms. Kajal,Dr. Gurpreet Kaur,Dr. Sonal Dutta,Ms. Sulbha Setia	Interaction with Alumni	-	UILS PU	2021-11-11
Ms.Kajal,Dr.Gurpreet kaur,Dr.Sonal Dutta,Ms.Sulbha Setia	Online Library Orientation Programme	-	UILS PU	2021-11-11
Prof. Shruti Bedi	Military Justice	-	Washington DC, USA	2022-06-06
Dr. Pushpinder kaur	National online quiz competition on independence day	-	UILS, Chandigarh	2021-08-15
Dr. Pushpinder Kaur	national online criminal quiz competition	-	UILS, Chandigarh	2021-09-24
Dr. Pushpinder kaur	national peace day cartoon making	-	UILS, Chandigarh	2021-09-30
Dr. Pushpinder kaur	national peace day poster making competition	-	UILS	2021-09-30

<b>Name of Person(s)</b>	<b>Topic of Lecture</b>	<b>Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc</b>	<b>Institution</b>	<b>Date</b>
Dr. Pushpinder kaur	Know Your Forces National Online Quiz Competition On The Occasion Of 89 Indian Air Force Day	-	UILS	2021-10-08
Dr. Pushpinder kaur	National online declamation competition	-	UILS	2021-10-08
Dr. Pushpinder kaur	National online articles writing Competition on Republic Day	-	UILS	2022-01-26
Dr. Meenu Saihjal	Farewell party	-	UILS	2022-06-02
Dr. sabina salim	Intra department mediation and negotiation	-	UILS PU	2022-06-03
Dr. Rukhsar Shaikh	Webinar on role of homeopathy in women cell	-	UILS PU	2022-03-08
Dr. Rita	Agreement on sanitary and phytosanitary measures and it's impact on indian trade	-	UILS PU	2022-03-21
Dr. Rita	International trade law agreement on sanitary and phytosanitary measures and its impact on indian trade	-	UILS PU	2022-03-22
Dr. Rita	International trade law agreement on countervailing duties and its impact on indian trade	-	UILS PU	2022-03-25
Dr. Gurjeet Kaur	Constitution, constitutionalization, constitutionality	-	UILS PU	2022-03-31
Dr. Gurjeet Kaur	Webinar on federalism and its modeld	-	UILS PU	2022-04-01
Dr. Gurjeet Kaur	Webinar on constitutionalism:concept and debates	-	UILS PU	2022-04-07
Dr. Gurjeet Kaur	Theory of separation of powers	-	UILS PU	2022-04-08
Dr. Gurjeet Kaur	Conceptualizing indian federalism	-	UILS PU	2022-05-02
Prof. Stevo Ngo	International commercial arbitration scope and importance	-	UILS PU	2022-05-18
Prof. Ronki Ram	Reservation from political and social prospective	-	UILS PU	2022-06-09
C.S Amresh Joshi	Duties and liabilities of company secretary, fraud detection, compliance report of company ethics in professional conduct	-	UILS PU	2022-06-11
Dr. Pushpinder Kaur	National Online Constitution Law	-	UILS PU CHD (Online)	2021-11-26

<b>Name of Person(s)</b>	<b>Topic of Lecture</b>	<b>Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc</b>	<b>Institution</b>	<b>Date</b>
	Quiz Competition			
Dr. Pushpinder Kaur	National Online Quiz Competition- Generalsciences-Upsc	-	UILS, Chandigarh	2022-02-18
Dr. Pushpinder Kaur	Intra Department Quiz Competition On The Occasion Of Civil Services Day Of India	-	UILS, Chandigarh	2022-04-25
Dr. Pushpinder Kaur	Intra Department Quiz Competition On The Occasion Of National Endangered Species Day And International Day For Biological Diversity	-	UILS, Chandigarh	2022-05-23
Dr. Pushpinder Kaur	Intra Department Moot Court Competition, 2022	-	UILS,PU, Chandigarh	2022-05-06
Prof. Rattan Singh	Fundamentals of research methodology	-	UILS PU CHD	2021-08-06
Prof. Rattan Singh	How to write an effective research paper	-	School of law,University of Petroleum and energy Studies,Dehradun	2021-11-22
Prof. Rattan Singh	Research methodology in legal research	-	School of Law,UPES	2021-11-15
Prof. Rattan Singh	Constitutional morality	-	Guru Nanak Dev University,Amritsar	2022-02-14
Prof. Rattan Singh	Importance of fundamental duties	-	Guru Nanak Dev University Regional Campus Jalandhar	2022-02-18
Prof. Rattan Singh	Constitutional change and constitutional stability	-	Lloyd Law College,Noida	2022-02-26
Prof. Rattan Singh	Relevance of Research Design In Socio-Legal Research	-	University of Delhi	2022-03-25
Prof. Rattan Singh	Changing Dimensions Of Law:An Expanding Horizon	-	Guru Nanak Dev University Regional Campus Jalandhar	2022-03-26
Prof. Rattan Singh	Relevance of B.R. Ambedkar's Ideology in Contemporary Times	-	Dr. B.R.Ambedkar Centre Panjab University Chandigarh	2022-04-14
Prof. Rattan Singh	Law and Literature:Emerging Trends and Oppurtunities in 21st Century	-	University Swami Sarvand Giri Regional Centre,Hoshiarpur	2022-05-17
Prof. Rattan Singh	Legal Language	-	UILS Himachal Pradesh University	2021-08-28
Dr. Amita Verma	poster making competition	-	online	2021-07-16



<b>Name of Person(s)</b>	<b>Topic of Lecture</b>	<b>Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc</b>	<b>Institution</b>	<b>Date</b>
Dr. Pushpinder Kaur	National Online Quiz Competition on Independence day	-	online	2021-08-15
Dr pushpinder Kaur	national online criminal quiz competition	-	online	2021-09-24
Dr sabina salim	1st edition of the international uils negotiation competition	-	online	2021-11-10
Prof Rajinder Kaur, Dr. Bharat	Basketball Tournament	-	Sports Ground, PU	2022-05-09
Dr Anupam Bahri	Impact of Auto Immune Diseases on Women Health	-	Online	2021-10-12
Dr Anupam Bahri	Real Case Study Reading	-	Online	2021-11-25
Dr Anupam Bahri	Self Composed Poetry Competition	-	Online	2021-12-20
Dr Anupam Bahri	Eassy writing competition	-	Online	2022-01-12
Dr. Bharat	Corporate personality	-	Dr. B.R. Ambedkar National Law University Sonapat	2021-09-29
Dr. Bharat	Lifting of Corporate Veil	-	Dr. B.R. Ambedkar National Law University Sonapat	2021-10-01
Dr. Bharat	World Intellectual Property Day	-	Sanatan Dharma College Ambala Cantt	2022-04-26
Dr. Bharat	Export Contracts	-	NIIFT Mohali	2021-09-06
Dr. Bharat	Drafting of Export Contracts	-	NIIFT Mohali	2021-09-13
Dr. Bharat	Legal Structure of Company	-	NIIFT Mohali	2021-09-20
Dr. Bharat	Formation of Garment Exporting Company	-	NIIFT Mohali	2021-09-23
Dr. Bharat	General Agreement On Tariffs and Trade	-	NIIFT Mohali	2021-09-30
Dr Anupam Bahri	The fierce bravery; women and their role in the Indian army	-	ONLINE	2022-01-19
Dr Anupam Bahri	Awareness campaign on health and hygiene of girls with government schemes	-	ONLINE	2022-01-25
Dr Anupam Bahri	Poster making on genital mutilation	-	ONLINE	2022-01-27
Dr Anupam Bahri	Social, economic, political rights for everyone	-	ONLINE	2022-02-20
Dr Anupam Bahri	Right to vote: a value of chance	-	UILS	2022-03-04
Dr Anupam Bahri	Awareness drive to reduce reuse	-	UILS	2022-02-27

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
	& recycle			
Dr Anupam Bahri	Awareness drive on road safety	-	UILS	2022-03-04
Dr Anupam Bahri	Role of homeopathy on women's health	-	UILS	2022-03-08
Dr Anupam Bahri	Is mental health de-stigmatised & mental health first aid	-	UILS	2022-03-11
Dr Anupam Bahri	Poster making comp on health is wealth	-	UILS	2022-04-07
Dr Anupam Bahri	Save soil movement & crises of soil extinction	-	UILS	2022-05-09
Dr Anupam Bahri	Sargam	-	UILS	2022-05-31
Prof. Shruti Bedi	Right to vote: changing contours of democracy	-	Centre for Constitution and Public Policy, University Institute of Legal Studies, Panjab University, Chandigarh	2022-03-29
Dr. Ajay Ranga	Ethjics of legal research: Pleasurism and violation of copyright	-	CRSISEC MDU Rohtak	2022-05-24

## **DR HARVANSH SINGH JUDGE INSTITUTE OF DENTAL SCIENCES & HOSPITAL**

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Dr Vivek Kapoor, Himank, Parneet,	Blood donation camp	-	Dr HSJIDS	2021-12-17
Dr. Ikreet Singh Bal , Dr. Vivek Kapoor, Himank	World no tobacco day	-	Mauli jagran dispensary	2022-05-31
Dr. Ikreet Singh Bal , Dr. Vivek Kapoor, Jayish, Tejasvi, Kritika, Khushreet	Pride month	-	Ban Majra SAS Nagar	2022-06-25
Dr. Ikreet Singh Bal	World health day	-	Dr. HSJIDS	2022-04-04
Dr. Ikreet Singh Bal	Holi celebration	-	Dr. HSJIDS	2022-03-16

<b>Name of Person(s)</b>	<b>Topic of Lecture</b>	<b>Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc</b>	<b>Institution</b>	<b>Date</b>
Dr. Vivek Kapoor, Himank, Parneet	Plant a Tree	-	PU South campus	2021-12-31
Dr Vivek Kapoor, Himank, Parneet	Open mic competition	-	Dr HSJIDS	2022-02-26
Dr. Vivek Kapoor, Himank, Parneet	Blackboard donation	-	Sector 25 Slum	2022-02-23
Dr. Vivek Kapoor, Himank, Parneet	Cyclothon	-	PU Sector 14	2022-02-23
Dr. Vivek Kapoor, Ebbani, Bhavika	Free sugar and BP checkup	-	Dr HSJIDS	2022-02-25
Dr. Vivek Kapoor, Himank, Parneet	75th Azadi Divas-Human 75 formation	-	Dr HSJIDS	2022-02-25
Dr. Vivek Kapoor, Himank, Parneet	Mask painting competition	-	Dr HSJIDS	2022-02-27
Dr Vivek Kapoor, Himank, Parneet	National oral cancer day	-	Dr HSJIDS	2021-12-06
Dr. Vivek Kapoor, Tejasvi, Kritika	National vaccination day	-	Dr HSJIDS	2022-03-14
Dr. Vivek Kapoor, Tejasvi, Rashmi	Pad-a-girl	-	Slum area 25 and Bapu Dham	2022-03-08
Dr. Vivek Kapoor, Tejasvi, Kritika	Pancchi- Ek Pehel	-	Sector 25	2022-03-24
Prof. Raj Kumar Prof. Ashwani Koul Dr Rohit Sharma Dr Lokesh Kumar Dr Vivek Kapoor Dr Richa Sharma	Azadi ka Amrit Mahotsav	-	Panjab University	2022-03-24
DR. IKREET	Dental Camp	-	Bright Spark School, Phase 11 Mohali	2022-04-11
DR. IKREET	Dental Camp	-	Government Senior Secondary School. Sector 39	2022-04-29
DR. IKREET	Dental Camp	-	Government Model Senior Secondary School, Sector 37	2022-04-26
DR. IKREET	Dental Camp	-	Government Senior Secondary School, Khizrabad	2022-04-20

<b>Name of Person(s)</b>	<b>Topic of Lecture</b>	<b>Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc</b>	<b>Institution</b>	<b>Date</b>
DR. IKREET	Dental Camp	-	DAV Senior Secondary School Sector 8C	2022-05-19
DR. IKREET	Dental Camp	-	DAV Senior Secondary School Sector 8C	2022-05-10
DR. IKREET	Dental Camp	-	Govt. elementary school Zirakpur	2022-05-07
DR. IKREET	Dental Camp	-	Govt. Model Senior Secondary School Sector 37 B	2022-05-05
DR. IKREET	Dental Camp	-	Govt. model senior secondary school sector 39	2022-04-29
Dr Ikreet Dr. Vivek Kapoor, Himank,	Dental check up camp	-	Government Senior Secondary Smart School Sector 50	2021-12-31
DR. IKREET	Dental camp	-	Government model senior secondary school, sector 37B, Chandigarh	2022-05-05
DR. IKREET	Dental camp	-	Government Elementary school, Zirakpur	2022-05-07
DR. IKREET	Dental camp	-	D.A.V. Senior secondary School, Sector 8C, Chandigarh	2022-05-10
DR. IKREET	Dental camp	-	Bright Spark School, phase 11	2022-04-11
DR. IKREET	Dental camp	-	D.A.V. Senior Secondary School, Sector 8C	2022-05-19
DR. IKREET	Dental camp	-	Government Senior Secondary School, Khizrabad	2022-04-20
DR. IKREET	Dental camp	-	Government Model Senior secondary School, Sector 37	2022-04-26
DR. IKREET	Dental camp	-	Government Model Senior Secondary School, Sector 39	2022-04-29

## UNIVERSITY INSTITUTE OF PHARMACEUTICAL SCIENCES

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Professor Indu Pal Kaur	17th Women In Science (Wise) Event & quot; Live Biotherapeutics- Innovative New Era Options for Skin Disease and Tissue Regeneration & quota	Resource Person	UIPS Online	2022-06-17
Dr Amita Sarwal	Nanotechnology-Based Drug Products: Regulatory Intervention	-	UGC-NRC Training Course, UIPS, Panjab University, Chandigarh- Google Meet	2021-11-29
Professor Kanwaljit Chopra	Preclinical Evaluation of Nutraceuticals in Diverse Pathologies	-	virtual webinar	2022-05-12
Professor Kanwaljit Chopra	Preclinical Evaluation of Diverse Nutraceuticals and their delivery system: A Pharmacologist's Perspective	-	UGC-NRC Training Course, UIPS, Panjab University, Chandigarh- Google Meet	2021-12-03
Professor Kanwaljit Chopra	How to write research proposal, research paper and related ethical issues?	-	UGC-NRC Training Course, UIPS, Panjab University, Chandigarh- Google Meet	2022-01-17
Professor Kanwaljit Chopra	Preclinical Evaluation of Nutraceuticals in Diverse Pathologies: A Pharmacologist's Narrative	-	UGC-NRC Training Course, UIPS, Panjab University, Chandigarh- Cisco WebEx Events	2022-02-14
Professor Anil Kumar	Drug prevention strategies, opportunity and challenges for the management of brain injury. Online International conference on Recent advances in Pharmaceutical Sciences, Vision	-	ISF Moga	2021-07-11
Professor Anil Kumar	Simple Preclinical Tools, Techniques and animal Alternatives for Neurological Problems: Challenges and Opportunities FDP program on Online FDP on Pharmaceutical Workshop Series Research and Technology Trends	-	Chitkara University	2021-07-05
Professor Anil Kumar	Emerging Trends in Experimental Research: Ethical Principles, Concept of 5R" and Some	-	Panjab University	2021-08-24

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
	Alternative Approaches			
Professor Anil Kumar	Pharmacovigilance- Key to patient safety	-	Maharaj Agarsen University	2021-09-17
Professor Anil Kumar	Ethical Principles in Scientific Publication	-	Rayat Bahara University	2021-10-25
Professor Anil Kumar	Emerging trends in Pharmaceutical Education and Research: Evolving Issues and related challenges	-	ISF Moga	2021-12-25
Professor Anil Kumar	How to write a Resarch proposal?	-	UGC-NRC Training Course, UIPS, Panjab University, Chandigarh- Google Meet	2022-01-17
Professor Anil Kumar	Ethics in research publications	-	UGC-NRC Training Course, UIPS, Panjab University, Chandigarh- Google Meet	2022-01-19
Professor Anil Kumar	Neurological manifestation in Covid 19 in Post Covid-19 Pandemic Era: Prospective Shift towards Clinical and Translational Research	-	Department of Pharmaceutical Sciences and Drug Research, Punjabi University, Patiala, Punjab	2022-03-16
Professor Anil Kumar	Ethical practices in Scientific research as a Special lecture	-	Ambedkar Centre in collaboration with USOL, Panjab University	2022-04-22
Professor Anil Kumar	Ethical practices and scientific principles	-	Central University Bhatinda, Punjab	2022-05-02
Professor Anil Kumar	Ethical issues and legal issues in clinical research	-	Maharaja Agresen University, Baddi HP	2022-05-17
Professor V R Sinha	Training Pharma Professionals towards Entrepreneurship: Challenges and Opportunities	-	UGC-NRC Training Course, UIPS, Panjab University, Chandigarh- Google Meet	2021-11-30
Professor Renu Chadha	Role of Crystal Engineering in Developing Multicomponent Drug Delivery Systems	-	UGC-NRC Training Course, UIPS, Panjab University, Chandigarh- Google Meet	2021-12-01
Dr Vandita Kakkar	Overcoming the Challenges during the Preparation of Solid Lipidic Nanoparticles	-	UGC-NRC Training Course, UIPS, Panjab University, Chandigarh- Google Meet	2021-12-01

<b>Name of Person(s)</b>	<b>Topic of Lecture</b>	<b>Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc</b>	<b>Institution</b>	<b>Date</b>
Professor Bhupinder Singh Bhoop	Quality by Design (QbD) for Efficient Pharma Development: Option, Coercion or Benediction	-	UGC-NRC Training Course, UIPS, Panjab University, Chandigarh-Google Meet	2021-12-02
Professor O.P. Katare	From Proposition to Patent to Product, and Even Beyond: A Glimpse of UIPS Sojourn towards Excellence	-	UGC-NRC Training Course, UIPS, Panjab University, Chandigarh-Google Meet	2021-12-03
Dr Gurpal Singh	Applications of Nanomaterials in Bioimaging, Biosensing and Therapy	-	UGC-NRC Training Course, UIPS, Panjab University, Chandigarh-Google Meet	2021-12-03
Professor Indu Pal Kaur	Amalgamation of Additive Manufacturing (3D) and Electrospinning (2D)	-	UGC-NRC Training Course, UIPS, Panjab University, Chandigarh-Google Meet	2021-12-04
Professor O.P. Katare	Designing the Space for Innovation and Entrepreneurship: Sharing Story Journey Experience and Wisdom Beyond...	-	UGC-NRC Training Course, UIPS, Panjab University, Chandigarh-Google Meet	2022-01-18
Dr Gurpal Singh	Nanomaterials for Biomedical Imaging, Biosensing and Therapy	-	UGC-NRC Training Course, UIPS, Panjab University, Chandigarh-Google Meet	2022-01-18
Dr Vandita Kakkar	Entrepreneurial Ecosystem in an Academic Environment with our own IDEA	-	UGC-NRC Training Course, UIPS, Panjab University, Chandigarh-Google Meet	2022-01-18
Dr Amita Sarwal	Nanostructured lipid carriers as drug delivery platform: Advances in formulation and delivery strategies	-	UGC-NRC Training Course, UIPS, Panjab University, Chandigarh-Google Meet	2022-01-19
Professor Kanwaljit Chopra	Presentation and discussion on draft research proposal	-	UGC-NRC Training Course, UIPS, Panjab University, Chandigarh-Google Meet	2022-01-19
Professor V R Sinha	Understanding the Concept of Innovation and Startup/ Entrepreneurship in Higher Educational Institutions	-	UGC-NRC Training Course, UIPS, Panjab University, Chandigarh-Google Meet	2022-01-20
Professor Bhupinder Singh Bhoop	Quality by Design (QbD) for Efficient Pharma Product Development: Option, Coercion	-	UGC-NRC Training Course, UIPS, Panjab University, Chandigarh-	2022-01-20



<b>Name of Person(s)</b>	<b>Topic of Lecture</b>	<b>Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc</b>	<b>Institution</b>	<b>Date</b>
	or Benediction		Google Meet	
Dr Sandip V Pawar	Applications of cell culture studies in drug discovery and development	-	UGC-NRC Training Course, UIPS, Panjab University, Chandigarh- Google Meet	2022-01-20
Professor Indu Pal Kaur	Innovation to Reality: The Translation Journey	-	UGC-NRC Training Course, UIPS, Panjab University, Chandigarh- Google Meet	2022-01-22
Professor Indu Pal Kaur	Ocular Delivery: Opportunities and Scope	-	UGC-NRC Training Course, UIPS, Panjab University, Chandigarh- Cisco WebEx Events	2022-02-14
Dr Sangeeta Pilkhwal Sah	Basic Insights into Organoids: An Alternative to Animal models	-	UGC-NRC Training Course, UIPS, Panjab University, Chandigarh- Cisco WebEx Events	2022-02-15
Dr Neelima Dhingra	Leveraging Computational tools in Pharmacology Research	-	UGC-NRC Training Course, UIPS, Panjab University, Chandigarh- Cisco WebEx Events	2022-02-15
Professor Anil Kumar	Ethical practices and principles in Scientific publications: COPE guidelines	-	UGC-NRC Training Course, UIPS, Panjab University, Chandigarh- Cisco WebEx Events	2022-02-15
Dr Sandip V Pawar	Applications of cell culture studies in drug discovery and development	-	UGC-NRC Training Course, UIPS, Panjab University, Chandigarh- Cisco WebEx Events	2022-02-17
Dr Anurag Kuhad	Pharmacological Interventions in Experimental Paradigm of Autism Spectrum Disorders (ASD)	-	UGC-NRC Training Course, UIPS, Panjab University, Chandigarh- Cisco WebEx Events	2022-02-19
Professor O.P. Katare	Translating the lab idea into product: Sharing the journey and beyond...	-	UGC-NRC Training Course, UIPS, Panjab University, Chandigarh- Cisco WebEx Events	2022-02-19
Professor Poonam Piplani	Symposium on “Women Empowerment & Gender Justice: Addressing the Equality Challenges”	-	Guru Gobind Singh College of Pharmacy, Yamuna Nagar, Haryana,	2021-08-23
Dr Amita Sarwal	Foundation of Pharmaceutical Innovation and Research	-	AICTE Training and Learning (ATAL)	2021-09-06

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Professor Ranju Bansal	ISFC0N- 2021	-	Academy ISF, Moga	2021-07-01
Dr Sangeeta Pilkhwah Sah	IC-STZ-Induced Brain Insulin Resistance: Therapeutic target for Sporadic Alzheimer's Disease (sAD)-Like Pathology	-	5th IBRO APRC Chandigarh -Cisco WebEx Events	2021-08-23
Dr Neelima Dhingra	In Silico Pharmacology : An insight with case study	-	5th IBRO APRC Chandigarh -Cisco WebEx Events	2021-08-23

### DEPARTMENT OF ANTHROPOLOGY

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Prof. P.C. Joshi	“Cultural Diversity”	-	Department of Anthropology, Panjab University, Chandigarh	2021-07-16
Prof. V.B. Sharma	Diffusion of Health Innovations	-	Department of Anthropology, Panjab University, Chandigarh	2021-11-24
Mr. Justice Dr. Bharat Bhushan Parsoo	Human Rights: Issues and Non-issues	-	Department of Anthropology, Panjab University, Chandigarh	2021-12-10
Prof. Sukant K. Chaudhary, Department of Sociology, University of Lucknow, Lucknow.	Contributions of C. Levi-Strauss	-	Department of Anthropology, Panjab University, Chandigarh	2022-02-15
Prof. Soumendra Mohan Patnaik, Department of Anthropology, University of Delhi, Delhi.	Changing Contours of Ethnographic Research: Challenges before Anthropological fieldwork	-	Department of Anthropology, Panjab University, Chandigarh	2022-04-07
Dr. Kh. Narendra Singh	Traditional Health Care and Role of Local Healers: A case study of the Karbis of Assam	-	Department of Anthropology, Panjab University, Chandigarh	2022-06-15
Shri Shakti Sinha,	Web Lecture, “Relevance of Museums in the Digital Age”	-	Departments of Geology, Anthropology,	2021-07-15

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
			Ancient Indian History, Culture and Archeology, Art History and Visual Arts, Botany and Zoology, Panjab University, Chandigarh	
Prof. V.B. Sharma	Epidemology and medical Anthropology	-	Department of Anthropology, Panjab University, Chandigarh	2021-11-16
Prof. V.B. Sharma	Medical pluralism	-	Department of Anthropology, Panjab University, Chandigarh	2021-11-17
Prof. V.B. Sharma	Health seeking behaviour	-	Department of Anthropology, Panjab University, Chandigarh	2021-11-22
Prof. V.B. Sharma	Emerging intertribal relationship	-	Department of Anthropology, Panjab University, Chandigarh	2021-11-24
Prof. V.B. Sharma	Ethnomedicine	-	Department of Anthropology, Panjab University, Chandigarh	2021-11-18
Prof. A.K. Kapoor	Essentials & Importance of Field work in Anthropological Research	-	Department of Anthropology, Panjab University, Chandigarh	2021-09-29

## BIOCHEMISTRY

**(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)**

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Prof. Navneet Agnihotri	Modern Science : A Legacy of Dr. Hargobind Khurana	Invited Talk	Department of Biochemistry	2022-01-10
Prof. Archana Bhatnagar	Emerging Trends and alternatives in Pharmacological Research	Invited Talk	UIPS	2022-02-14
Prof. Navneet Agnihotri	A talk in refresher Course	Invited Talk	HRDC, Punjabi University	2022-02-15
Prof. Rajat Sandhir	"Ethical and Responsible Conduct in Neuroscience Research	Invited Talk	Department of Biochemistry, Panjab University	2021-08-23
Prof. Archana Bhatnagar	"How good are we at Good Practices"	Invited Talk	Bhaskaaracharya College of Applied Sciences(University of	2022-03-10

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
			Delhi) & MCM DAV college for women Chandigarh	
Dr. Dipti Sareen	“India-UK Tackling AMR in the Environment from Antimicrobial Manufacturing Waste”	Invited Talk	Online on MS Teams	2022-01-24
Dr. Dipti Sareen	‘Antimicrobial Resistance in Foodborne Pathogens: Safety Concern’	Invited Talk	IVRI, Bareilly, India	2022-03-14
Prof. Rajat Sandhir	Art of Scientific Publication	Invited Talk	HMCC, Chandigarh	2021-09-06
Prof. Rajat Sandhir	Unmasking the therapeutic potential of GSK-3beta in sporadic Alzheimer's disease	Invited Talk	PGIMER, Chd	2021-09-13
Prof. Rajat Sandhir	Nobel Prize in Medicine/Physiology	Invited Talk	SPSTI	2021-10-30
Prof. Rajat Sandhir	Brain: The final frontier in Biology	Invited Talk	Rayat Bahra University, Kharar	2022-02-28
Prof. Rajat Sandhir	Mysteries of Brain	Invited Talk	GNA University	2022-03-02
Prof. Amarjit Singh Naura	Methods of protein detection (online)	Invited Talk	Mata Gujri College, Fatehgarh Sahib	2021-07-07
Prof. Amarjit Singh Naura	Polymerase Chain Reaction: A discovery tool	Invited Talk	DBT supported faculty training Program, Panjab University	2021-07-07
Prof. Amarjit Singh Naura	Lung-Brain cross talk during acute lung injury: Understanding the role of molecular players in the process (Online)	Invited Talk	Utkal University, Bhubaneswar	2021-12-20

## BIOPHYSICS

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Dr. Avneet Saini	A two day National workshop on fundamentals of good laboratory practices and biorisk management	-	Biophysics	2022-02-24

## BIOTECHNOLOGY

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Prof. Kashmir Singh, Dr. Vipin Sobti, Sr. Sanjeev Puri and Dr. M.C. Sidhu	Distinguished Lecture on Biotechnology: from 1986 to the present day	-	Department of Biotechnology	2022-04-25
Prof. Kashmir Singh	Interactive session on Importance of IP for Academia	-	Department of Biotechnology	2022-04-29
Baljinder Singh	Smart Classes	-	J.K. Memorial Global School, Bagarian, Punjab	2022-04-16
Baljinder Singh	Digital Literacy	-	Khalsa Sewak Jatha Secondary School, Patiala, Punjab	2022-04-05
Baljinder Singh	Online teaching and learning	-	Govt. Industrial training Institute (W) Kheowali, Sri Muktsar Sahib, Punjab	2022-05-06
Baljinder Singh	Online educational platforms	-	Mata Sahib Kaur School, Patiala, Punjab	2022-04-19
Dr Kashmir Singh	Metabolic engineering of biochemical pathways of medicinally important plants.	-	Akal University, Talwandi Sabo, Punjab.	2022-05-19
Dr Kashmir Singh	Deciphering the molecular pathways in plants using multi- omics approach. One-Day Virtual Symposium on “Informatics- Driven Advances in Biological Sciences”	-	Department of Biological Sciences, BITS Pilani, Pilani Campus and Asia Pacific Bioinformatics Interaction and Networking Society	2022-03-02
Dr Kashmir Singh	Long non-coding RNA landscape in Vitis vinifera reveals new layers of regulation of plant response to fungal stress.	-	online	2022-03-02
Dr Kashmir Singh	Investigating the Pharmacologically important biochemical pathways in medicinal plants.	-	Amity Institute of Biotechnology, Amity University Jaipur	2022-02-16
Prof. Jagtar Singh	Hybridoma technology and antibody engineering for diagnosis & therapy	Invited Talk	Centre for systme Biology and Bioinformatics, PU, Chad., Chandigarh	2022-03-15

<b>Name of Person(s)</b>	<b>Topic of Lecture</b>	<b>Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc</b>	<b>Institution</b>	<b>Date</b>
Prof. Jagtar Singh	Biosafety understanding the importance	Invited Talk	Department of Biochemistry, PU Chandigarh under the aegis of Punjab State Council for Science and Technology, Chandigarh	2021-11-29
Prof. Jagtar Singh	Vigyan Sarvatra Pujyate (Festival of Scope for all))	Guest Lecture	Panjab University, Chandigarh & PSCST, Chandigarh	2022-02-23
Prof. Jagtar Singh	production and applications of monoclonal antibodies	Guest Lecture	Centre of Biotechnology, University of Allahabad, UP	2022-01-19

## **BOTANY**

**(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)**

<b>Name of Person(s)</b>	<b>Topic of Lecture</b>	<b>Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc</b>	<b>Institution</b>	<b>Date</b>
Prof. C. Nirmala	Visiting Professor	-	University of Ladakh	2022-05-02
Prof. Promila Pathak	Faculty & students of B.Sc., Medical Body of RKSD (PG) College, Kaithal	-	PN Mehra Botanical Garden, Dept. of Botany, PU, Chandigarh	2022-04-20
Prof. Promila Pathak	Visit to Botanical garden by NSS Volunteers of Panjab University, Chandigarh	-	PN Mehra Botanical Garden, Dept. of Botany, PU, Chandigarh	2022-03-24
Dr. Jaspreet Kaur	Hands on Workshop on Bonsai	-	DAV College, Sector 10, Chandigarh	2022-04-12
Dr. Jaspreet Kaur	Hands on Workshop on Bonsai	-	Mata Gujri Hall, Hostel No. 1, Panjab University, Chandigarh	2022-04-22
Dr. Jaspreet Kaur	29th State Level Children Science Congress 2020	-	Punjab State Council for Science & Technology Sector 26, Chandigarh	2022-01-11
Prof. Promila Pathak	Visit to Botanical Garden by PG Department of Botany, Kanya Maha Vidyalaya, Jalandhar	-	PN Mehra Botanical Garden, Dept. of Botany, PU, Chandigarh	2022-05-04

## CHEMISTRY

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Dr. Savita Chaudhary	Extension lecture title: Advanced Technological approaches for Environmental Remediation Applications	Invited Talk	MCM College Sector 36 Chandigarh	2022-04-08
Dr. Savita Chaudhary	Extension lecture: Technological advancements for Environmental safety	Invited Talk	Engineered Science Publisher, USA	2022-06-30
Prof. Alok Srivastava	Research Dilemma before Young Research Scholars	Invited Talk	Chemistry Department of H.S.Gour Central University, Sagar	2021-09-20
Prof. P. Venugopalan	25. Supramolecular aspects in crystal engineering: a structural perspective	Invited Talk	Department of Chemistry, Central University, Bathinda	2022-05-15
Prof. P. Venugopalan	27. Insights and hands on training on single crystal X-ray structure determination	Invited Talk	STUTI program, CIL, Panjab University	2022-05-17
Prof. P. Venugopalan	28. Structure elucidation through X-ray crystallography: significance and methods	Invited Talk	STUTI program, Chemistry Department, Panjab University	2022-05-30
Prof. Ganga Ram Chaudhary	RACS VIII (Recent Advances in Chemical Sciences) Theme: Sustainable Physical Chemistry	Invited Talk	Department of Chemistry, Khalsa College Amritsar	2022-03-11
Prof. Ganga Ram Chaudhary	Nanotechnology: Progress and Challenges	Invited Talk	NITTTR, Sector-26, Chandigarh	2022-05-19
Dr. Navneet Kaur	Guest lecture on Spectroscopy- Moving on the path of Research from basics	Invited Talk	Dev Samaj College for Women, Sec. 45B, Chandigarh	2022-03-11
Dr. Navneet Kaur	Hands on Training on ChemDraw Software and Column Chromatography	Invited Talk	DAV College, Jalandhar	2022-03-22

## COMPUTER SCIENCE & APPLICATIONS

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
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Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Dr. Rohini Sharma	Bicycle Rally		DCSA, Panjab University, Chandigarh	2021-12-12
Dr. Rohini Sharma	Swachh Bharat Abhiyan		DCSA, Panjab University, Chandigarh	2022-06-07
Dr. Rohini Sharma	One Day Workshop on “Copyrights and Related Rights”		DCSA, Panjab University, Chandigarh	2022-02-25
Dr. Rohini Sharma	Two Days Workshop On Personality Development And Soft Skills		DCSA, Panjab University, Chandigarh	2022-02-10
Dr. Rohini Sharma	Visit of the students of Doaba College Jalandhar		DCSA, Panjab UNiversity, Chandigarh	2022-04-22
Dr. Rohini Sharma	One Day Workshop on ‘Machine Learning Techniques’		DCSA, Panjab University, Chandigarh	2022-02-04
Dr. Rohini Sharma	Opportunities and Challenges of Machine Learning Based Solutions		DCSA, Panjab University, Chandigarh	2021-10-27
Dr. Rohini Sharma	Online E-Poster Making Contest		DCSA, Panjab Univerity, Chandigarh	2021-08-11
Dr. Rohini Sharma	“Network Security Analytics Bharat KaAmrutMahotsav		DCSA, Panjab University, Chandigarh	2021-08-13

### **ENVIRONMENT STUDIES**

**(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.) NIL**

### **GEOLOGY**

**(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)**

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Dr. Shiv Kumar, Prof. Ashu Khosla, Prof. Preeti Mahajan, Prof. Rupak Chakarvarty, Dr. Khushpreet	Chandigarh 3 Millions years ago		Panjab University, Chandigarh	2022-02-28

## INSTITUTE OF FORENSIC SCIENCE & CRIMINOLOGY

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Jagdish Rai	NEP and eGovernance		HRDC, PU	2022-06-23

## MATHEMATICS

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Vanita Verma	A lecture in a FDP	-	Panjab University, Chandigarh	2022-01-04
Savita Bhatnagar	A lecture in a FDP	-	Panjab University, Chandigarh	2022-01-04
Gagandeep Singh	Gave Lecture series on Linear Algebra during National Level Training Programme in Statistics for Competitive / Entrance Examinationa	-	Department of Statistics, Panjab University Chandigarh	2021-08-02
Gagandeep Singh	Lecture on topic Finding prime number: A historical Perspective	-	MMM University of Technology Gorakhpur UP	2021-12-01
Gagandeep Singh	Lecture on topic Historical look at prime numbers	-	Government Nehru PG College, Agarmalva MP	2022-01-19
Gagandeep Singh	Lecture on topic Data Analytics	-	DCSA PU	2022-05-30
Prpf. Vanita Verma	International Conference On Emerging Trends In Science And Technology	-	Department of Appied Sciences, Punjab Engineering College (Deemed to be University), Chandigarh	2022-06-10
Gurmeet Kaur Bakshi	Invited Talk: Women in Math: Progress and challenges	-	IIT Jodhpur	2022-05-07
Gurmeet Kaur Bakshi	Invited talk: Geometry, Groups and Mathematical Philosophy - An International Conference in Honor of Prof. Ravi S. Kulkarni's 80th Birthday	-	Bhaskaracharya Pratisthana,	2022-05-21

## MICROBIOLOGY

**(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)**

<b>Name of Person(s)</b>	<b>Topic of Lecture</b>	<b>Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc</b>	<b>Institution</b>	<b>Date</b>
Prof. Prince Sharma	Thermophiles: A Hot Bio-resource for Industry	-	Department of Botany, Panjab University.	2021-12-24
Prof. Prince Sharma	Biorisk characterization and evaluation	Resource Person	Department of Biophysics, Panjab University	2022-02-24
Prof. Prince Sharma	Orientation to biorisk management	-1	Department of Biophysics, Panjab University	2022-02-24
Prof. Prince Sharma	Thermophiles: A Hot Bio-resource for Industry: Industrial Enzymes & Fermentations : Opportunity for Green, Sustainable Technologies and Startups	-	Department of Microbiology, Panjab University.	2022-03-02
Prof. Prince Sharma	Biosafety And Biorisk Management": in Industrial Enzymes & Fermentations : Opportunity for Green, Sustainable Technologies and Startups. In Faculty Development Program : Industrial Microbiology and Fermentation Technology	-	Department of Microbiology, Panjab University.	2022-03-02
Prof. Prince Sharma	Industrial Enzymes & Fermentations : Opportunity for Green, Sustainable Technologies and Startups.	-	Department of Microbiology, Panjab University.	2022-03-02
Prof. Prince Sharma	Recent Advances in Life Sciences: OMICS & Computational Approaches	-	entre for Systems biology and bioinformatics, PU	2022-03-15
Prof. Prince Sharma	Webinar on: 'Countering Illicit Transfer of IPR and Technology'	-	Sandia National Laboratory and DoE-BEP, USA	2022-03-13
Dr. Naveen Gupta	Understanding the system that cocordinating the cell communications	-	Department of Microbiology PAU Ludhiana	2022-03-25
Dr. Naveen Gupta	Motivating Innovation and creativity	-	JCDAV College Dasuya Hosiarpur	2022-03-25
Dr. Naveen Gupta	Production of cocktail of enzymes for biobleaching of pulp	-	DAV college	2022-03-25

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Dr. Sanjiv Kumar Soni	Keynote speaker for Intellectual Property Rights: The way ahead to protect ideas	-1	Centre of Excellence, Govt College Sanjauli, Shimla	2021-11-17
Dr. Sanjiv Kumar Soni	Resource Person for 6 Lectures during the Faculty development Training Program	-1	Department of Microbiology, Panjab University, Chandigarh	2022-03-02
Dr. Sanjiv Kumar Soni	Coordinator, Faculty Development Training Program	-1	Department of Microbiology, Panjab University, Chandigarh	2022-03-02
Prof. Prince Sharma	INDO-US Workshop Biorisk management curriculum in Indian Higher Education	Others	Panjab University, Chandigarh	2021-11-10

## **DEPARTMENT CUM NATIONAL CENTRE FOR HUMAN GENOME STUDIES & RESEARCH**

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.) NIL

### **PHYSICS**

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.) NIL

### **STATISTICS**

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Prof. Kanchan Jain	• Delivered talks on (i) Logistic Regression (ii) Cluster Analysis (iii) Survival Analysis	-	Department of Statistics, Panjab University, Chandigarh	2022-05-16
Prof. Kanchan Jain	• Delivered talk on “Mathematical Typing using LATEX”	-	Department of Statistics, Panjab University, Chandigarh	2022-01-05
Prof. Kanchan Jain	• Delivered talks on (iv) Logistic Regression (v) Cluster Analysis (vi) Survival Analysis	-	Department of Statistics, Panjab University, Chandigarh	2021-12-15
Prof. Kanchan Jain	• Delivered talk on “An Insight into Actuarial Science”	-	Goswami Ganesh Datta S.D. College, Chandigarh	2021-10-23

<b>Name of Person(s)</b>	<b>Topic of Lecture</b>	<b>Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc</b>	<b>Institution</b>	<b>Date</b>
Prof. Kanchan Jain	• Delivered talks on (i) Logistic Regression (ii) Cluster Analysis (iii) Survival Analysis	-	University School of Open Learning (USOL) and Department of Statistics, Panjab University, Chandigarh	2021-09-13
Prof. Kanchan Jain	• Delivered four talks on (i) Distribution Theory (ii) Stochastic Processes (iii) Queuing Theory (iv) Reliability during “National Level Online Training Programme In Statistics For Competitive/ Entrance Examinations”	-	Department of Statistics, Panjab University, Chandigarh	2021-08-02
Prof. Sangeeta Arora	Delivered lectures on “Factor Analysis And Discriminant Analysis” during Seven Days’ Online Workshop in SPSS	-	Department of Statistics, Panjab University, Chandigarh	2021-12-15
Prof. Sangeeta Arora	Delivered lectures on Factor Analysis And Discriminant Analysis” during Seven Days’ Online Workshop in SPSS	-	Department of Statistics, Panjab University, Chandigarh	2022-05-16
Prof. Sangeeta Arora	Delivered Two lectures on Statistical quality Control and Design Of Experiments	-	Department of Statistics, Panjab University, Chandigarh	2021-08-02
Prof. Narinder Kumar	Delivered four talks on the topic “Multivariate Analysis” and “Linear Models” in National Training Programme for students of Statistics preparing for competitive examinations	-	Department of Statistics, Panjab University, Chandigarh	2021-08-02
Prof. Narinder Kumar	Delivered a talk on “Correlation and Regression” in National Workshop on Statistical Techniques Computation using R/R-Studio for faculty members/Research Scholars	-	University School of Open Learning (USOL) and Department of Statistics, Panjab University, Chandigarh	2021-09-17
Prof. Narinder Kumar	Delivered a talk on “A Sequential Rejective Procedure for Exponential Populations” in the Seventh International Conference on Statistics for Twenty-first Century - 2021 [ICSTC-2021]	-	Department of Statistics, University of Kerala	2021-12-15
Prof. Narinder Kumar	Delivered an invited talk on “A New Class of Nonparametric	-	Kitakyushu, Japan	2021-12-26

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
	Tests for Location Problem Based on Sub-samples” in the online International Conference FIM-IMIP-UMSO 2021			
Prof. Narinder Kumar	Delivered talks on the topics “Multiple Correlation and Regression” and “Parametric and Nonparametric Testing – An Applied Approach” using Statistical Product and Service Solutions (SPSS) software for faculty members/Research Scholars	-	Department of Statistics, Panjab University, Chandigarh	2022-05-16
Prof. Narinder Kumar	Delivered two lectures on the topics – “Principal Component Analysis” and “Cluster Analysis” in the Continuing Education Program (CEP) on ‘Geo-Hazard Forecast and Data Analytics’	-	Defence Geo-informatics Research Establishment (DGRE), Chandigarh	2022-06-20
Prof. Narinder Kumar	Delivered a special invited lecture “A Class of nonparametric tests for multi-sample problem” at the International Webinar on Recent Trend in Statistical and Application – 2022 (WSTA-2022)	-	Department of Statistics, University of Kerala, Trivandrum, India	2022-06-30
Dr. Anju Goyal	• Delivered three lectures based on “Operational Research and Sampling Techniques” in National level Online training program in Statistics for Competitive/Entrance Examination	-	Department of Statistics, Panjab University, Chandigarh	2021-08-02
Dr. Anju Goyal	Delivered a lecture in the online workshop on “Statistical techniques computation using R/R-Studio”	-	Department of Statistics, Panjab University, Chandigarh	2021-09-13
Dr. Anju Goyal	• Delivered a lecture in Online seven days SPSS workshop	-	Department of Statistics, Panjab University, Chandigarh	2021-12-15
Dr. Anju Goyal	Delivered a lecture on 'Using SPSS in Social Science Research in Research Methodology Workshop	-	ICSSR, PU	2022-02-10

<b>Name of Person(s)</b>	<b>Topic of Lecture</b>	<b>Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc</b>	<b>Institution</b>	<b>Date</b>
Dr. Anju Goyal	• Delivered a lecture on 'Using SPSS in Social Science Research in Research Methodology Workshop	-	ICSSR, PU	2022-03-24
Dr. Anju Goyal	Delivered a lecture in online seven days SPSS workshop		Department of Statistics, Panjab University, Chandigarh	2022-05-16
Mr. Harminder Singh	Delivered a lecture in online seven days SPSS workshop	-	Department of Statistics, Panjab University, Chandigarh	2022-05-16
Mr. Harminder Singh	• Delivered a lecture on “Statistical tools in Research” in Pre-Ph.D. course work	-	Department of Computer Science, Panjab University, Chandigarh	2022-05-23
Mr. Harminder Singh	• Delivered a lecture in Online SPSS workshop	-	Department of Statistics, Panjab University, Chandigarh	2021-12-15
Mr. Harminder Singh	• Delivered a lecture in the online workshop on “Statistical techniques computation using R/R-Studio”	-	Department of Statistics, USOL, Panjab University in collaboration with Department of Statistics, Panjab University, Chandigarh	2021-09-13
Mr. Harminder Singh Deosi	Delivered lectures in National level Online training program in Statistics for Competitive/Entrance Examination	-	Department of Statistics, Panjab University, Chandigarh	2021-08-02
Dr. Anju Goyal	One Day Workshop on the Applications of Statistics in Social Science & Research	-	ICSSR, PU	2022-03-30
Prof. Narinder Kumar	Delivered talks on the topics “Multiple Correlation and Regression” and “Parametric and Nonparametric Testing – An Applied Approach” using Statistical Product and Service Solutions (SPSS) software for faculty members/Research Scholars	-	Department of Statistics, Panjab University	2021-12-15

## UNIVERSITY INSTITUTE OF FASHION TECHNOLOGY & VOCATIONAL DEVELOPMENT

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Anu H. Gupta	Enhancing Sewing and Embroidery Skills for Entrepreneurship	-	Mohi Kalan, Mohi Khurd, Changera, Thuha and Kheri Gurana, District patiala	2021-09-26
Dr. Rita Kant, Prabhdeep Brar, Ph.D.	Tigr2ess Online Workshops: Outputs for Policy	-	UIFT&VD, Dept. of Pub.Adm., University of Cambridge	2022-01-19
Dr. Rita Kant, Prabhdeep Brar, Ph.D.	Tigr2ess Exhibition cum Sale	-	UIFT&VD, Dept. of Pub.Adm., University of Cambridge	2021-10-23
Dr. Rita Kant, Prabhdeep Brar, Ph.D.	Tigr2ess Conference	-	UIFT&VD, Dept. of Pub.Adm., University of Cambridge	2022-03-24
Anu H. Gupta	Skill Workshop For Rural Women	-	Changera Village, Banur	2022-02-02
Anu H. Gupta, Namita Gupta	Exhibition of handcrafted upcycled Products - "Conscious Consumerism and Green Fashion"	-	Students Centre, Panjab University, Chandigarh	2022-04-07
Anu H. Gupta, Namita Gupta, PUA	Webinar – Sustainability : everyone's responsibility	-	Online	2021-07-15

## ZOOLOGY

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Prof. Sukhbir Kaur	National Conference on Natural Sciences: Exploration through Innovations (NSEI)	Invited Talk	Maharaja Agrsen University Chandigarh	2022-05-27
Prof. Sukhbir Kaur	Training Program on Advanced Molecular Biology Techniques (Bioscience for Human Health Mission)	Resource Person	Panjab University	2022-03-21
Prof. Sukhbir Kaur	LMHI Global Colloquium 2021- Homeopathy: A Medical	Lead Talk	Online	2021-12-10



<b>Name of Person(s)</b>	<b>Topic of Lecture</b>	<b>Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc</b>	<b>Institution</b>	<b>Date</b>
	Science Ahead of its Time			
Prof. Sukhbir Kaur	International Women's Day	Invited Talk	Sggsu Chandigarh	2022-03-08
Prof. Sukhbir Kaur	DBT Sponsored 21 days Faculty Training Program on "Trends in Immuno Techniques"	Invited Talk	Panjab University Chandigarh	2021-11-15
Prof. Sukhbir Kaur	"Interdisciplinary Refresher Course in Environment Studies"	Lead Talk	Panjab University Chandigarh	2021-11-17
Prof. Sukhbir Kaur	"Dealing with day-to-day problems of hostel residents and staff."	Resource Person	HRDC, Panjab University Chandigarh	2022-04-20
Prof. Sukhbir Kaur	Vigyan Sarvatra Pujate-National Science Week Festival	Resource Person	Panjab University Chandigarh	2022-02-22
Prof. Harpreet Kaur	Food Borne Parasites : A Public Health Concern	Invited Talk	UGC-Human Resource Development Centre, Goa University	2022-01-22
Dr Vijay Kumar	Genotypic and Allelic Frequencies: Significance and Calculations	Guest Lecture	PAU Ludhiana	2022-03-17
Dr Vijay Kumar	Hardy Weinberg Equilibrium: Implications and Testing	Guest Lecture	PAU Ludhiana	2022-03-17
Dr. Indu Sharma	An Overview of Developmental and Development Processes and Developmental Anomalies and Role of Stem Cells in Development	Guest Lecture	PGIMER, Chandigarh	2021-11-04
Dr. Vijay Kumar	Training Program on Advanced Molecular Biology Techniques (Bioscience for Human Health Mission)	Invited Talk	Panjab University, Chandigarh	2022-03-21
Dr. Archana Chauhan	eDNA tool for wildlife conservation and biodiversity monitoring	Resource Person,	Department of Zoology, Khalsa college for women, Ludhiana and M.C.Zoological park Chhatbir	2021-10-02
Dr. Archana Chauhan	Environmental DNA for survey and monitoring invasive species	Invited Talk,	Department of Zoology, DAV college Jalandhar	2021-10-02

<b>Name of Person(s)</b>	<b>Topic of Lecture</b>	<b>Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc</b>	<b>Institution</b>	<b>Date</b>
Dr. Indu Sharma	5th World Cancer Congress 2021	Invited Talk,	Arjyopa Healthcare, Kolkata (Online)	2021-09-25
Dr. Indu Sharma	Training Program on Advanced Molecular Biology Techniques (Bioscience for Human Health Mission)	Invited Talk	Panjab University, Chandigarh	2022-03-21
Dr. Mani Chopra	Training Program on Advanced Molecular Biology Techniques (Bioscience for Human Health Mission)	Invited Talk	Panjab University, Chandigarh	2022-03-21
Dr. Ravneet Kaur	Emerging trends and alternatives in pharmacological research	Resource Person,	University Institute of Pharmaceutical Sciences (UIPS) Panjab University, Chandigarh	2022-02-14
Dr. Ravneet Kaur	Environmental Changes and Emerging Zoonotic Diseases” Under the Aegis of Indian Science Congress Association (Chandigarh Chapter) and Chandigarh Forum for Sciences and Technology Communication	Resource Person,	Department of Biophysics, Panjab University, Chandigarh	2021-07-21
Dr. Ravneet Kaur	Vigyan Sarvatra Pujyate-National Science Week Festival	Resource Person,	Panjan University, Chandigarh	2022-02-22
Dr. Yogesh Kumar Rawal	National Seminar on Biodiversity and Sustainable Development	Resource Person,	SSGSJ Govt. College Paonta Sahib, Sirmour (H.P.)	2021-12-28
Dr. Yogesh Kumar Rawal	Strategies and Solutions to achieve clean Air-Punjab	Resource Person,	Punjabi University, Patiala	2021-12-24

### **CENTRE FOR MEDICAL PHYSICS**

**(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)**

<b>Name of Person(s)</b>	<b>Topic of Lecture</b>	<b>Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc</b>	<b>Institution</b>	<b>Date</b>
Dr. Vivek Kumar	State level independence day parade	-	Sector- 17 Parade Ground, Chandigarh	2021-08-15
Dr. Vivek Kumar	Poster making competition under azadi ka amrit mahotsav india @75	-	Centre for Medical Physics, South Campus, Pu, Chd	2021-09-01

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Dr. Vivek Kumar	Cultural programme & other competition under ek bharat shreshtha bharat	-	Department of UIAMS, PU , Chd	2021-08-16
Dr. Vivek Kumar	Blood donation camp	-	Student Centre, PU, Chd	2021-09-25
Dr. Vivek Kumar	Walk on the occasion of azadi ka amrit mahotsav	-	Gandhi Bhawan PU, Chd	2022-03-07

### DEPARTMENT OF MICROBIAL BIOTECHNOLOGY

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Department of Microbial Biotechnology, Panjab University	Donation Drive to Ashiana & Snehalaya for girls (Children's home)	-	Department of Microbial Biotechnology, Panjab University	2022-06-29

### CENTRE FOR NANOSCIENCE AND NANOTECHNOLOGY

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.) NIL

### CENTRE FOR NUCLEAR MEDICINE

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.) NIL

### CENTRE FOR PUBLIC HEALTH

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Ms. Indu Punj	Life Skills	Guest Lecture,	Centre for Public Health	2022-04-07

### CENTRE FOR STEM CELL TISSUE ENGINEERING & BIOMEDICAL EXCELLENCE

(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Dr. Seemha Rai	Women's Rights		GIOSTAR Mohali	2022-03-08

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Dr. Seemha Rai	Blood Donation Activity		GIOSTAR Mohali	2021-11-13

### **CENTRE FOR SYSTEM BIOLOGY & BIOINFORMATICS**

**(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)**

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
MSc Ist Year Students	Demonstration of Transmission Electron Microscope (TEM) Hitachi (H-7500), Scanning Transmission Electron Microscope (SEM) Model JSM6100 (Jeol) with Image Analyser, Elemental Analyser for CHN (Thermo Scientific), FT-NMR Cryo-magnet Spectrometer 400 MHz (Bruker), X-ray Diffractometer (Powder Method) .	-	CIL PU CHD	2021-11-16

### **EVENING STUDIES**

**(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.) NIL**

### **UNIVERSITY SCHOOL OF OPEN LEARNING**

**(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)**

Name of Person(s)	Topic of Lecture	Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc	Institution	Date
Prof. Ram Mehar	Measures of Central Tendency	-	Department of Education, PU Chandigarh	2021-07-21
Prof. Ram Mehar	Measures of Variability	-	Department of Education, PU Chandigarh	2021-07-22
Prof. Ram Mehar	Product Moment Coefficient of Correlation	-	Department of Education, PU Chandigarh	2021-07-28
Prof. Ram Mehar	Rank Difference coefficient of correlation	-	Department of Education, PU Chandigarh	2021-07-28
Prof. Ram Mehar	Research Proposal Writing	-	Dev Samaj College of Education for Women	2021-07-19

<b>Name of Person(s)</b>	<b>Topic of Lecture</b>	<b>Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc</b>	<b>Institution</b>	<b>Date</b>
Prof. Ram Mehar	APA Sytle of Reference Writing	-	Dev Samaj College of Education for Women	2021-07-19
Prof. Ram Mehar	Literature Review	-	Khalsa College of Education Ranjit Avenue Amritsar	2021-12-04
Prof. Ram Mehar	Research Methodology and References	-	Khalsa College of Education Ranjit Avenue Amritsar	2021-12-04
Prof. Geeta Bansal	Moral Intelligence	-	PML SD Business School	2021-11-02
Prof. Geeta Bansal	How to Create Intelectual Engagement and political Environment through Books	-	PIET Panipat	2022-03-22
PGDGC	Career Counseling	-	Govt of school of Chandigarh and Punjab	2021-09-15
PGDGC	Career Counseling	-	Lecture on Psychometric Evaluation	2021-08-31
Dr. Rajesh Kumar Jaiswal	Modernity and Gender Question: Literary Responses	-	Deptt. Of Philolosophy	2022-03-12
USOL	Dietary Intervention for A Healthy Lifestyle	-	Online	2021-12-03

### **P.U. REGIONAL CENTRE, LUDHIANA**

**(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)**

<b>Name of Person(s)</b>	<b>Topic of Lecture</b>	<b>Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc</b>	<b>Institution</b>	<b>Date</b>
Dr.Neelam Batra	Artificial Intelligence in cyber Forensics	-	UIL,Panjab University Regional Centre,Ludhiana	2022-05-12
Ashish Saihjpai	Virtual faculty Development Program	-	Chandigarh University (Virtual)	2021-08-06
Ashish Saihjpai	Programme on Strategic Management and SWOT Analysis for Institutional Excellence	-	NITTTR, Chandigarh (Virtual)	2022-02-01
Ashish Saihjpai	Online Marketing Challenges & Opportunities	-	Gujranwala Guru Nanak Khalsa College Ludhiana (Virtual)	2022-02-25
Ashish Saihjpai	Role of Service Quality in Shaping Consumer	-	GNA University, Phagwara	2022-05-13

<b>Name of Person(s)</b>	<b>Topic of Lecture</b>	<b>Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc</b>	<b>Institution</b>	<b>Date</b>
	Behaviour			
Ashish Saihjal	Livelihood training in Data Analysis to empower Scheduled Caste youth	-	Punjab Agricultural University, Ludhiana (Virtual)	2022-03-12
Ashish Saihjal	Livelihood training in Data Analysis to empower Scheduled Caste youth	-	Punjab Agricultural University, Ludhiana (Virtual)	2022-03-14
Ashish Saihjal	STC on Leadership for Academicians Programme (LEAP)	-	NITTTR, Chandigarh (Virtual)	2022-06-14
Shashi Kapoor	Online National Workshop on Research methodology	-	Gobindgarh Public College, Alour Khanna	2022-01-31
Shashi Kapoor	Virtual Faculty Development Programme on Fundamentals of Research Methodology	-	Chandigarh University (Virtual)	2021-08-07
Shashi Kapoor	Workshop on Data entry, Research Tools and Research Analysis	-	Department of Agricultural Journalism, Languages and Culture, Punjab Agriculture University, Ludhiana	2022-03-12
Mr. Sumit Mahajan, CEO and Founder of design Mantra, Ludhiana	Happiness in Personal Life	-	UBS, P.U. Regional Centre, Ludhiana	2022-04-04
Sh. K.K. Kareer, President District Consumer Dispute Redressal Commission, Ludhiana	A Talk on World Consumer Right Day	-	UBS, Ludhiana	2022-03-15
Dr.Neelam Batra	Surya Namaskar	-	UIL,PU Regional Centre Ludhiana	2022-06-01
Dr.Neelam Batra	Shaheedi diwas	-	PU Regional Centre Ludhiana	2022-03-23
Dr.Neelam Batra	Women Right QAwareness Drive	-	PU Regional Centre Ludhiana	2022-03-08
Dr.Neelam Batra	voters day	-	PU Regional Centre Ludhiana	2022-01-25
Dr.Neelam Batra	Poster Making	-	PU Regional Centre Ludhiana	2022-03-07

<b>Name of Person(s)</b>	<b>Topic of Lecture</b>	<b>Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc</b>	<b>Institution</b>	<b>Date</b>
Dr.Rajnish Saryal	Right of Self Determination And The World Order	-	UIL,Panjab University Regional Centre,Ludhiana	2022-03-31
Dr.Rajnish Saryal	Can Dispute Processing Be Democratic?	-	UIL,Panjab University Regional Centre,Ludhiana	2022-04-28
Dr.Vaishali Thakur	ASEAN and India	-	Jawahar Lal Nehru University	2021-11-18
Dr.Vaishali Thakur	Building Peace Communities in Asia	-	National Law University	2022-02-09
Dr. Neelam Batra	Protection of Women from sexual Harassment at Work Place	-	UIL, P.U. Regional Centre, Ludhiana	2021-12-22
Dr. Neelam Batra	Child & Adolescent Labour (Prohibition & Regulation) Act	-	Air FM Gold, Prasar Bharati, Ludhiana	2022-05-05
Dr. Neelam Batra	Laws on Sexual Harassment At Work Place	-	Air FM, Prasar Bharati, Ludhiana	2021-09-04
Prof.Harmeet Singh Sandhu	Human Rights During Covid-19 : Issues and Challenges	-	Sant Baba Bhag Singh University Jalandhar	2021-08-18
Prof.Harmeet Singh Sandhu	Right to Education A Human rights Perspective	-	Saint Sahara College of Education	2022-04-08
Dr.Meera Nagpal	Discovering Bhagat Singh Ideological & Political Praxis in His thought	-	Khalsa College for Women Ludhiana	2022-03-22

### **P.U. REGIONAL CENTRE, MUKTSAR**

**(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)**

<b>Name of Person(s)</b>	<b>Topic of Lecture</b>	<b>Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc</b>	<b>Institution</b>	<b>Date</b>
DR. NISHA JAIN	An Overview of Intellectual Property Rights with Special Reference to Copy Rights	-	Govt. College Muktsar	2022-05-09
Prof Baljinder Kaur	Santokh Singh Dhir Janam Shatabti Do Roza Anter Rashtri Webinar B	-	PU Regional Centre Muktsar	2022-03-08

### **P.U. RURAL CENTRE, KAUNI, MUKTSAR**

**(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)**

<b>Name of Person(s)</b>	<b>Topic of Lecture</b>	<b>Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc</b>	<b>Institution</b>	<b>Date</b>
Ms. Swaranjeet Kaur	Special LEcture on DIgital Literacy	-1	Panjab University Rural Centre Kauni	2022-03-25
Dr. Kamlesh Narwana	Community awarness on Jal Shakti and Cleanliness	-	Panjab University Rural Centre Kauni	2022-03-26
Dr. Kamlesh Narwana	Student Rally on Clealiness and Jal shakti	-	Kauni	2022-03-27
Dr. Mandeep kaur	Special lecture on World Health Day	-1	PURC Kauni	2022-04-07
Dr Kamlesh Narwana	Declamation Competition on International WOMen Day	-	PURC Kauni	2022-03-08
Dr Kamlesh Narwana	Corona Awarness	-	PURC Kauni	2022-02-15
Dr. Seema	Lecture on Yoga Awarness	-1	PURC Kauni	2022-04-21
Dr. Sujay Biswas	Special lecture to Commemorate of Gandhi Martydom Day	-1	PURC Kauni	2022-01-29
Ms.Jyoti Rajput	Orientation Programme on Child Health	-1	PURC Kauni	2022-01-10
ASI Harmander singh	Cyber Awarness Programme	-1	PURC Kauni	2022-05-04
Dr Kamlesh Narwana	Cycle rally on World Cycle Day		PURC Kauni	2022-06-02
Dr Kamlesh Narwana	Declamation competition on GIrl child Day and Republic Day	-	PURC Kauni	2022-01-26
Dr Kamlesh Narwana	Essay Writing on national Youth Day	-	PURC kauni	2022-01-12

### **P.U. S.S. GIRI REGIONAL CENTRE, HOSHIARPUR**

**(Details of Lectures Delivered by the members of the teaching department at affiliated colleges and other institutions.)**

<b>Name of Person(s)</b>	<b>Topic of Lecture</b>	<b>Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc</b>	<b>Institution</b>	<b>Date</b>
Sukhvinder Singh Bamber	Medical Camp at Village Nara	-	PUSSGRC/ Village Nara	2022-03-27
Dr Sukhvinder Singh Bamber, Sh Vinay Arora and Ms Savita Grover	Medical Survey at Nara	-	Nara Village	2022-03-26



<b>Name of Person(s)</b>	<b>Topic of Lecture</b>	<b>Invited Talk, Lead Talk, Guest Lecture, Resource Person, etc</b>	<b>Institution</b>	<b>Date</b>
Mr. Neeraj Sharma/Mr. Gurpreet Singh	Water Conservation in Context of India	-	PUSSGRC	2022-03-25
Er. Rajeev Kumar Dang/Dr. Manu Dogra	Advanced Mathematical and Graphical Application of MATLAB	-	PUSSGRC	2022-02-23
Prof. H.S. Bains/Sh. Harkamal Preet Singh/Sh. Vinay Arora/Dr. Rajinder Singh/Ms. Savita Grover	Yoga for Health and Happiness	-	PUSSGRC	2022-06-21
Vinay Sharma, Pooja Sood, Sukhbir Kaur, Monika Negi, Savita Grover, Sunaina, Brajesh, Ritu Salaria	Save Environment, Save life	-	PUSSGRC	2022-05-26
Mr Neeraj Sharma, Mr Gurpreet Singh	Water Conservation in context of India	-	PUSSGRC	2022-03-25
Dr Sukhwinder Singh Bamber, Mr Rajeev Kumar Dang, Mr Naveen Dogra, Mr Harkamal Preet Singh	Major Machine Learning Fields: Industry Implementation	-	PUSSGRC	2021-07-27

# **FACULTIES**

## **ANCIENT INDIAN HISTORY, CULTURE & ARCHAEOLOGY**

Chairperson Dr. Paru Bal Sidhu

### **FACULTY**

Professor (2) Prof. Renu Thakur (Ph.D.), Dr. Paru Bal Sidhu

## **CENTRE FOR THE STUDY OF SOCIAL EXCLUSION AND INCLUSIVE POLICY**

**FACULTY** NIL

## **DEFENCE AND NATIONAL SECURITY STUDIES**

### **FACULTY**

Professor (1) Rakesh Datta (Ph.D.)

Assistant Professor (1) Jaskaran Singh Waraich (Ph.D.)

## **CENTRE FOR WOMEN'S STUDIES AND DEVELOPMENT**

### **FACULTY**

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Assistant Professor (2) Ameer Sultana (Ph.D.), Rajesh Kumar Chander (Ph.D.)

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### **FACULTY**

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Assistant Professor (6) Amrita Shergill (Ph.D.), Harpreet Singh (Ph.D.), Meenu (Ph.D.), Nitin Arora (Ph.D.), Paramjit Singh (Ph.D.), Smita Sharma (Ph.D.)

Emeritus (1) H.S. Shergill (Ph.D.)

## **GANDHIAN AND PEACE STUDIES**

**Chairperson** Dr. Manish Sharma

### **FACULTY**

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## **GEOGRAPHY**

Chairperson Prof. Gaurav Kalotra

### **FACULTY**

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Associate Professor (1) Navneet Kaur (Ph.D.)

Assistant Professor (1) Vishwa Bandhu Singh (Ph.D.)

### **GURU NANAK SIKH STUDIES**

Chairperson Prof. Renu Vig

#### **FACULTY**

Professor Jaspal Kaur Kaang (Ph.D.)

### **LIBRARY & INFORMATION SCIENCE**

Chairperson Dr. Shiv Kumar

#### **FACULTY**

Professor (2) Preeti Mahajan (Ph.D.), Rupak Chakravarty (Ph.D.)

Assistant Professor (2) Khushpreet Singh Brar (Ph.D.), Shiv Kumar (Ph.D.)

### **CENTRE FOR SWAMI VIVEKANANDA STUDIES**

Coordinator Prof. Sanjeev Kumar Sharma

#### **HISTORY**

#### **FACULTY**

Professor (4) Anju Suri (Ph.D.), M Rajivlochan (Ph.D.), Reeta Grewal (Ph.D.), Sukhmani Bal Riar (Ph.D.)

Associate Professor (1) Priyatosh Sharma (Ph.D.)

Assistant Professor (2) Ashish Kumar (Ph.D.), Jasbir Singh (Ph.D.)

#### **POLITICAL SCIENCE**

#### **FACULTY**

Professor (5) Ashutosh Kumar (Ph.D.), Deepak K Singh (Ph.D.), Navjot (Ph.D.), Pampa Mukherjee (Ph.D.), Ronki Ram (Ph.D.)

Assistant Professor (1) Janaki Srinivasan (M.Phil.)

#### **PHILOSOPHY**

Chairperson Dr. Lallan Singh Baghel

#### **FACULTY**

Professor (2) Asha Maudgil (Ph.D.), Shivani Sharma (Ph.D.)

Assistant Professor (2) Lallan Singh Baghel (PG), Pankaj Srivastava (Ph.D.)

#### **PSYCHOLOGY**

#### **FACULTY**

Professor (2) Harpeet Kanwal Chhabra (Ph.D.), Seema Vinayak (Ph.D.)

Associate Professor (1) Roshan Lal (Ph.D.)

## **PU- ISSER**

Coordinator

Prof. Swarnjit Kaur

## **SOCIOLOGY**

### **FACULTY**

Professor (5) Kumool Abbi (Ph.D.), Late.Prof Kiran Preet Kaur (Ph.D.), Rajesh Gill (Ph.D.), Rani Mehta (Ph.D.), Sherry Sabbarwal (Ph.D.)

Assistant Professor (3) Moniva Sarkar (Ph.D.), Sipra Sagarika (left the department in 2017) (Ph.D.), Vinod Kumar (M.Phil.)

## **PUBLIC ADMINISTRATION**

Coordinator

Dr. Bharati Garg

### **FACULTY**

Professor (1) Ramanjit Kaur Johal (Ph.D.)

Associate Professor (1) Navreet (Ph.D.)

Assistant Professor (2) Bharati Garg (Ph.D.), Bhawna Gupta (Ph.D.)

## **SCHOOL OF COMMUNICATION STUDIES**

### **FACULTY**

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Associate Professor (1) Jayanth N Pethkar (PG)

Assistant Professor (2) Bhavneet Bhatti (Ph.D.), Sumedha Singh (Ph.D.)

## **CENTRE FOR SOCIAL WORK**

**Chairperson**

Dr. Gaurav Gaur

### **FACULTY**

Professor (1) Monica Munjial Singh (Ph.D.)

Assistant Professor (1) Gaurav Gaur (Ph.D.)

## **POLICE ADMINISTRATION**

Chairperson

Prof. Anil Monga

### **FACULTY**

Professor (1) Dr. Anil Monga (Ph.D.)

Assistant Professor (1) Dr. Kuldeep Singh (Ph.D.)

## **CENTRE FOR HUMAN RIGHTS & DUTIES**

**Chairperson**

Dr. Upneet Kaur Mangat

### **FACULTY**

Associate Professor (1) Namita Gupta (Ph.D.)

Assistant Professor (1) Upneet Kaur Mangat (Ph.D.)

## UNIVERSITY BUSINESS SCHOOL

### FACULTY

Professor (18)	A K Vashisht (Ph.D.), Anupam Bawa (Ph.D.), Bharat Bhushan Goyal (Ph.D.), Deepak Kapur (Superspeciality), Dinesh K Gupta (Ph.D.), Karamjeet Singh (Ph.D.), Luxmi Malodia (Ph.D.), Manoj Kumar Sharma (Ph.D.), Meena Sharma (Ph.D.), Meenakshi Malhotra (Ph.D.), Navdeep Kaur (Ph.D.), Parmjit Kaur (Ph.D.), Prof Gunmala Suri (Ph.D.), Prof S K Chadha (Ph.D.), Prof Suveera Gill (Ph.D.), Purva Kansal (Ph.D.), Sanjay Kaushik (Ph.D.), Smriti Sood (Ph.D.)
Associate Professor (3)	Monica Bedi (Ph.D.), Rupinder Bir Kaur (Ph.D.), Tejinder Pal Singh (Ph.D.)
Assistant Professor (4)	Kulwinder Singh (Ph.D.), Neha Gulati (Ph.D.), Pooja Soni (Ph.D.), Tilak Raj (Ph.D.)

## UNIVERSITY INSTITUTE OF APPLIED MANAGEMENT SCIENCES

### FACULTY

Chairperson	Prof. Monika Aggarwal
Professor (4)	Monika Aggarwal (Ph.D.), Nishi Sharma (Ph.D.), Sanjeev K Sharma (Ph.D.), Upasna Joshi Sethi (Ph.D.)
Associate Professor (3)	Anupreet Kaur Mavi (Ph.D.), Jagan Deep Singh (Ph.D.), Nidhi Gautam (Ph.D.)
Assistant Professor (8)	Ajay Dogra (Ph.D.), Aman Khera (Ph.D.), Arunachal Khosla (Ph.D.), Manjushri Sharma (Ph.D.), Manu Sharma (Ph.D.), Naveen Kumar (Ph.D.), Rachita Sambyal (Ph.D.), Harsh Tuli (Ph.D.)

## UNIVERSITY INSTITUTE OF HOTEL & TOURISM MANAGEMENT

### FACULTY

Professor (1)	Prashant Kumar Gautam (Ph.D.)
Assistant Professor (5)	Anish Slath (Ph.D.), Arun Singh Thakur (Ph.D.), Jaswinder Kumar (Ph.D.), Jaswinder Singh (PG), Neeraj Aggarwal (Ph.D.)

## INDIAN THEATRE

### FACULTY

Assistant Professor (1)	Navdeep Kaur (Ph.D.)
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## ART HISTORY AND VISUAL ARTS

Chairperson	Prof. Jagtej Kaur Grewal
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### FACULTY

Professor (2)	Dr. Tirthankar Bhattacharya (Ph.D.), Jagtej Kaur Grewal (Ph.D.)
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## MUSIC

### FACULTY

Associate Professor	Neelam Paul
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## COMMUNITY EDUCATION AND DISABILITY STUDIES

### FACULTY

Professor (3)	ANURADHA SHARMA (Ph.D.), Dazy Zarabi (Ph.D.), Navleen Kaur (Ph.D.)
Associate Professor (1)	Ashwani Sharma (Ph.D.)

Assistant Professor (1) Nitin Raj (PG)

## **EDUCATION**

### **FACULTY**

Professor (6) Prof. Jatinder Grover (Ph.D.), Prof. Kirandeep Singh (Ph.D.), Prof. Latika Sharma (Ph.D.), Prof. Nandita Shukla Singh (Ph.D.), Prof. Satvinderpal Kaur (Ph.D.), Prof. Vandana Mehra (Ph.D.)

## **LIFE LONG LEARNING AND EXTENSION**

### **FACULTY**

Professor (2) Prabha Vig (Ph.D.), Professor Sween (Ph.D.)  
Assistant Professor (2) Parmjit Singh Kang (Ph.D.), Renu Gandhi (M.Phil.)

## **INSTITUTE OF EDUCATIONAL TECHNOLOGY & VOCATIONAL EDUCATION**

### **FACULTY**

Associate Professor (1) Rekha Rani (Ph.D.)  
Assistant Professor (4) Amritpal Kaur (Ph.D.), Kalpana Thakur (Ph.D.), Kanwalpreet Kaur (Ph.D.), Puja Ahuja (Ph.D.)

## **PHYSICAL EDUCATION**

**Chairperson** Prof. Gurmeet Singh

### **FACULTY**

Professor (3) Dalwinder Singh (Ph.D.), Gurmeet Singh (Ph.D.), Thingnam Nandalal Singh (Ph.D.)

## **DR. S.S.B. UNIVERSITY INSTITUTE OF CHEMICAL ENGINEERING & TECHNOLOGY**

### **FACULTY**

Professor (9) Amrit Pal Toor (Ph.D.), Anupama Sharma (Ph.D.), Anupama Thakur (Ph.D.), Meenakshi Goyal (Ph.D.), Ritu Gupta (Ph.D.), Sanchita Chauhan (Ph.D.), Seema Kapoor (Ph.D.), Sushil Kumar Kansal (Ph.D.), Urvashi Gupta (Ph.D.)  
Associate Professor (1) Gaurav Verma (Ph.D.)  
Assistant Professor (12) Amit Sobti (Ph.D.), Baljinder Kaur Gill (Ph.D.), Gargi Ghoshal (Ph.D.), Gaurav Rattan (Ph.D.), Harjit Kaur (Ph.D.), Jodh Singh (PG), Maninder Kaur (Ph.D.), Nidhi Singhal (PG), Sanjeev Gautam (Ph.D.), Sonia Sharma (Ph.D.), Surinder Singh (Ph.D.), Twinkle Bedi (P.G)

## **ENERGY RESEARCH CENTRE**

**Chairperson / Director** Prof. Amrit Pal Toor

**Co-ordinator** Prof. Anupama Sharma

### **Faculty**

Honorary Director (1) Prof. Amrit Pal Toor (Ph.D.)

Coordinator (1) Prof. Anupama Sharma (Ph.D.)

Emeritus (1) Prof. S.K. Sharma (Ph.D.)

## UNIVERSITY INSTITUTE OF ENGINEERING & TECHNOLOGY

### FACULTY

Professor (20)	Ajay Mittal (Ph.D.), Amrinder Pal Singh (Ph.D.), Arvind Kumar (Ph.D.), Harish Kumar (Ph.D.), Harmesh Kumar (Ph.D.), Manu Sharma (Ph.D.), Prof. Roopali Garg (Ph.D.), Monika Randhawa (Ph.D.), Naveen Aggarwal (Ph.D.), Prof Renu Vig (Ph.D.), Sakshi Kaushal (Ph.D.), Sarbjeet Singh (Ph.D.), Savita Gupta (Ph.D.), Sukhwinder Singh (Ph.D.), Sunil Agrwal (Ph.D.), JK Goswamy (Ph.D), Inderdeep Kaur Aulakh (Ph.D), Krishan Kumar, Vinay Kumar (Ph.D), Gurdeep Singh (Ph.D)
Associate Professor (12)	Amandeep Verma (Ph.D.), Jaget Singh (Ph.D.), Mamta Juneja (Ph.D.), Manoj Kumar Sharma (Ph.D.), Mukesh Kumar (Ph.D.), Naresh Kumar (Ph.D.), Sanjay Vohra (Ph.D.), Shuchi Gupta (Ph.D.), Veenu Mangat (Ph.D.), Vishal Gupta (Ph.D.), Yajvender Pal Verma (Ph.D), Kalpana Dahiya (Ph.D)
Assistant Professor (62)	Aditi Gupta (Ph.D.), Akashdeep (Ph.D.), Amandeep Singh Wadhwa (PG), Amit Chaudhary (Ph.D.), Amit Chauhan (Ph.D.), Anil Kumar (Ph.D.), Anjali Gupta (PG), Anupreet Kaur (Ph.D.), Charu Madhu (Ph.D.), Deepak Kumar (Ph.D.), Deepti Gupta (Ph.D.), Gagandeep Singh (PG), Gaurav Sapra (Ph.D.), Harbhinder Singh (PG), Hema Setia (PG), Jagjit Singh (Ph.D.), Jaspreet Kaur (Ph.D.), Jaswinder Singh Mehta (PG), Madhu Khatri (Ph.D.), Makhan Singh (Ph.D.), Mary Chatterjee (Ph.D.), Minto Rattan (Ph.D.), Monika (PG), Neelam Goel (Ph.D.), Neeraj Sharma (Ph.D.), Nidhi (Ph.D.), Nirmal Kaur (Ph.D.), Nishima (Ph.D.), Parul Gaur (PG), Parveen Goyal (Ph.D.), Prashant Jindal (Ph.D.), Prashant K Nanda (Ph.D.), Preeti Aggarwal (Ph.D.), Preeti Gupta (PG), Preeti Singh (Ph.D.), Preetika Sharma (Ph.D.), Puneet Jai Kaur (Ph.D.), Puneet Kaur Viridi (Ph.D.), Raj Kumari (Ph.D.), Renu Thapar (Ph.D.), Sabhyata Uppal Soni (Ph.D.), Sarpreet Kaur (Ph.D.), Shailendra Kumar Arya (Ph.D.), Shankar Sehgal (Ph.D.), Sharmelee Thangjam (PG), Sumit Budhiraja, Damanjeet Kaur (Ph.D), Poonam Sood (Ph.D), Rajesh Kumar (Ph.D), Ravneet Kaur (Ph.D), Saurabh Bhatia (Ph.D), Sukesha (Ph.D), Sunil Bansal (Ph.D), Suresh Kumar (Ph.D), Surjeet Singh (Ph.D), Tukesh Soni (Ph.D), Mandeep Kaur, Nisha Tayal (Ph.D), Vishal Sharma (Ph.D), Vivek Pahwa (Ph.D), Yogik, Rohit, Yogita

### CIL/SAIF/USIC/UCIM

### FACULTY

Associate Professor (1)	H P S Kang (PG)
Assistant Professor (3)	Anil Kumar Sharma (Ph.D.), Poonam Kumari (PG), Ramesh Kumar Sharma (Ph.D.)

### CHINESE AND TIBETAN LANGUAGES

### FACULTY

Professor (2)	Damodar Panda (Ph.D.), Vijay Kumar Singh (Ph.D.)
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### DAYANAND CHAIR FOR VEDIC STUDIES

Chairperson	Prof. V.K. Alankar
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### ENGLISH & CULTURAL STUDIES

Chairperson	Prof. Akshaya Kumar
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### FACULTY

Professor (5)	Akshaya Kumar (Ph.D.), Aneel Kumar Raina (Ph.D.), Deepti Gupta (Ph.D.), Harpreet Pruthi (Ph.D.), Rumina Sethi (Ph.D.)
Associate Professor (1)	Meenu Gupta (Ph.D.)
Assistant Professor (2)	Sudhir Mehra (PG), Surbhi Goel (Ph.D.)



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### **FACULTY**

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Assistant Professor (1)

Ramnik Aurora (Ph.D.)

## **GERMAN**

### **FACULTY**

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Jeevan Kumar Sharma (PG)

Assistant Professor (1)

Arijit Dakshi (Ph.D.)

## **HINDI**

### **FACULTY**

Professor (4)

Ashok Kumar (Ph.D.), Baijnath Prasad (Ph.D.), Neerja Sood (Ph.D.), Satyapal Sehgal (Ph.D.)

Associate Professor (1)

Gurmeet Singh (Ph.D.)

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### **Chairperson**

Prof. Sarabjit Singh

### **FACULTY**

Professor (3)

Sarabjit Singh (Ph.D.), Uma Sethi (Ph.D.), Yograj Angrish (Ph.D.)

Associate Professor (1)

Akwinder kaur Tanvi (Ph.D.)

## **RUSSIAN**

### **FACULTY**

Professor (1)

Pankaj Malviya (Ph.D.)

## **SANSKRIT**

### **Chairperson**

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### **FACULTY**

Professor (1)

V.K.Alankar (D.Litt)

## **URDU**

### **FACULTY**

Assistant Professor (2)

Dr. Ali Abbas (Ph.D.), Dr. Zarreen Fatimah (Ph.D)

Part-time (1)

Dr. Zulfaqar Ali (Ph.D)

## **V.V.B.I.S. & I.S. (P.U.) HOSHIARPUR**

### **FACULTY**

Professor (7)

Krishna Saini (Ph.D.), Narasingha Charan Panda (Ph.D.), Parbhat Singh (Ph.D.), Prem Lal Sharma (Ph.D.), Raghbir Singh (Ph.D.), Ritu Bala (Ph.D.), Sudhansu Kumar Sarangi (Ph.D.)

Assistant Professor (1)

Aditya Angiras (Ph.D.)

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<b>Chairperson</b>	Prof. (Dr.) Devinder Singh
<b>FACULTY</b>	
Professor (6)	Devinder Singh (Ph.D.), Geeta Joshi (Ph.D.), Meenu Paul (Ph.D.), Paramjit Kaur (Ph.D.), Shalini Marwaha (Ph.D.), Vijay Nagpal (Ph.D.)
Associate Professor (2)	Jyoti Rattan (Ph.D.), Vandana A Kumar (Ph.D.)
Assistant Professor (5)	Anil Kumar Thakur (Ph.D.), Babita Devi (Ph.D.), Dinesh Kumar (Ph.D.), Shipra Gupta (Ph.D.), Supinder Kaur (Ph.D.)

## **UNIVERSITY SCHOOL OF LEGAL STUDIES**

<b>FACULTY</b>	
Professor (8)	Chanchal Narang (Ph.D.), Gulshan Kumar (Ph.D.), Navneet Arora (Ph.D.), Rajinder Kaur (Ph.D.), Rattan Singh (Ph.D.), Sangita Bhalla (Ph.D.), Sarabjit Kaur (Ph.D.), Shruti Bedi (Ph.D.)
Associate Professor (5)	Ajay Ranga (Ph.D.), Amita Verma (Ph.D.), Jai Mala (Ph.D.), Pushpinder Kaur (Ph.D.), Sasha (Ph.D.)
Assistant Professor (8)	Anju Berwal (Ph.D.), Anupam Bahri (Ph.D.), Bharat (Ph.D.), Jasneet Walia (Ph.D.), Karan Jawanda (Ph.D.), Meenu Saihpal (Ph.D.), Sabina Salim (Ph.D.), Virender Negi (Ph.D.)

## **DR HARVANSH SINGH JUDGE INSTITUTE OF DENTAL SCIENCES & HOSPITAL**

### **FACULTY**

Professor (6)	Ashish Jain (MDS), Deepak Kumar Gupta (MDS), Hemant Batra (MDS), Jagat Bhushan (MDS), Shally Gupta (MDS), Shefali Singla (MDS)
Associate Professor (20)	Abha Bajaj Nee Sheth (Superspeciality), Anubha Gulati (MDS), Arun Kumar Garg (MDS), Divya Mahajan (Superspeciality), Ikreet Singh Bal (MDS), Kitty Sidhu (MDS), Komal Sehgal (MDS), Lalit Kumar (MDS), Maninder Pal Singh Gill (Superspeciality), Manjula Mehta (Superspeciality), Rajesh Kumar Joshi (MDS), Savita Prashar (Ph.D.), Sukant Kumar Garg (Superspeciality), Urvashi Sharma (MDS), Vinay Kapur (Superspeciality), M.K. Chhabra (Superspeciality), Neeraj Sharma (MDS), Satya Narayan (MDS), Vandana Chhabra (MDS), Vishakha Grover (MDS)
Assistant Professor (47)	Ajinderpal Sandhu (MDS), Amandeep Singh Uppal (MDS), Archana Agnihotri (MDS), Harveen Kaur (MDS), Jyoti Gupta (MDS), Jyoti Sharma (Ph.D.), Kavita Sekhri (Superspeciality), Leena Verma (MDS), Litesh Singla (MDS), Mili Gupta (Superspeciality), Namrata C Gill (MDS), Nandini Bhaskar (MDS), Pradip Singh (MDS), preeti Kang (BDS), Rakhi Aulakh (Superspeciality), Ruchi Singla (MDS), Ruchika (MDS), Sharique Rehan (MDS), Shaveta Sood (MDS), Sidhi Passi (MDS), Sonia Bhonchal Bhardwaj (Ph.D.), Sujata Upadhyay (Ph.D.), Sukhvinder Singh (Superspeciality), Suruchi Aditya (Superspeciality), Swaty Jhamb (MDS), Virender Kumar (MDS), Amandeep Kaur (BDS), Amrita Rawla (BDS), Anupam Vijayvergia (BDS), Gurparkash Singh Chahal (MDS), Harsimra Kaur Boparai (Superspeciality), Manjot Kaur (MDS), Monika Nagpal (MDS), Neha Bansal (MDS), Poonam Sood (MDS), Prabhjot Cheema (Superspeciality), Prabhjot Kaur (MDS), Puneet (MDS), Rajdeep Brar (MDS), Rajeev Rattan (MDS), Rajni Jain (MDS), Rose Kanwaljeet Kaur (MDS), Rosy Arora (MDS), Ruchi Singla (MDS), Simranjit Singh (MDS), Sunint Singh (MDS),
Additional Professor (2)	Harkirat Sethi (BDS), Ravi Sharma (Ph.D)

## UNIVERSITY INSTITUTE OF PHARMACEUTICAL SCIENCES

**Chairperson** Dr. Anil Kumar

### FACULTY

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Assistant Professor (11) Amita Sarwal (Ph.D.), Anurag (Ph.D.), Ashok Kumar Yadav (Ph.D.), Ashwani Kumar (Ph.D.), Gurpal Singh (Ph.D.), Jai Malik (Ph.D.), Neelima Dhingra (Ph.D.), Ranjana Bhandari (Ph.D.), Sandip V Pawar (Ph.D.), Sangeeta Pilkhwah Sah (Ph.D.), Vandita Kakkar (Ph.D.)

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Assistant Professor (4) Gayatri Padmanathan (Ph.D.), Jagmahender Singh (Ph.D.), Maninder Kaur (Ph.D.), Ramesh Sahni (Ph.D.)

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### FACULTY

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Associate Professor (1) Dipti Sareen (Ph.D.)

Assistant Professor (2) Nirmal Prabhakar (Ph.D.), Vishal Aggarwal (Ph.D.)

## BIOPHYSICS

### FACULTY

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Assistant Professor (8) Avneet Saini (Ph.D.), Naveen Kaushal (Ph.D.), Pavitra Ranawat (Ph.D.), Ravi Pratap Barnwal (Ph.D.), Sarvnrinder Kaur (Ph.D.), Simran Preet (Ph.D.), Tanzeer Kaur (Ph.D.), Neha Singla (Ph.D.)

## BIOTECHNOLOGY

**Chairperson** Dr. Kashmir Singh

### FACULTY

Professor (5) Desh Deepak Singh (Ph.D.), Jagdeep Kaur (Ph.D.), Jagtar Singh (Ph.D.), Kashmir Singh (Ph.D.), Neena Capalash (Ph.D.)

Assistant Professor (4) Baljinder Singh (Ph.D.), Eshu Singhal Sinha (Ph.D.), Monika Sharma (Ph.D.), Santosh Kumar (Ph.D.)

## BOTONY

### FACULTY

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Associate Professor (2) Anju Rao (Ph.D.), M C Sidhu (Ph.D.)  
Assistant Professor (5) Anand Narain Singh (Ph.D.), Jaspreet Kaur (Ph.D.), Papiya Mukherjee (Ph.D.), SantoshKumar Upadhyay (Ph.D.), Shalinder Kaur (Ph.D.)

## **CHEMISTRY**

**Chairperson** Prof. Sonal Singhal

### **FACULTY**

Professor (13) Alok Srivastava (Ph.D.), Ganga Ram Chaudhary (Ph.D.), Gurjaspreet Singh (Ph.D.), K N Singh (Ph.D.), Navneet Kaur (Ph.D.), P Venugopalan (Ph.D.), Prof. Gurdev Singh (Ph.D.), Prof. K. K. Bhasin (Ph.D.), Prof. S. V. Kessar (Ph.D.), Sonal Singhal, Chairperson (Ph.D.), Sonal Singhal, Chairperson (Ph.D.), SURINDER KUMAR MEHTA (Ph.D.), Vikas (Ph.D.)

Associate Professor (4) Amarjit Kaur (Ph.D.), Dr. Amarjit Kaur (Ph.D.), Navneet Kaur (Ph.D.), Neetu Goel (Ph.D.)

Assistant Professor (15) ABHIJIT DAN (Ph.D.), Aman Bhalla (Ph.D.), ANKUR GANESH PANDEY (Ph.D.), Deepak B Salunke (Ph.D.), Gurpreet Kaur (Ph.D.), Jyoti Agarwal (Ph.D.), Khushwinder Kaur (Ph.D.), P Natarajan (Ph.D.), PURSHOTAM SHARMA (Ph.D.), Ramesh Kataria (Ph.D.), Rohit Kumar Sharma (Ph.D.), Savita Chaudhary (Ph.D.), Shweta Rana (Ph.D.), Subash Chandra Sahoo (Ph.D.), Varinder Kaur (Ph.D.), Vijay Pal Singh (Ph.D.)

## **COMPUTER SCIENCE & APPLICATIONS**

### **FACULTY**

Professor (5) Anu Gupta (Ph.D.), Indu Chhabra (Ph.D.), M Syamala Devi (Ph.D.), Ravinder Kumar Singla (Ph.D.), Sonal Chawla (Ph.D.)

Assistant Professor (7) Anuj Kumar (Ph.D.), Anuj Sharma (Ph.D.), Balwinder Kaur (PG), Jasleen Kaur Bains (PG), Kavita Taneja (Ph.D.), Rohini Sharma (Ph.D.), Supreet Kaur Mann (PG)

## **ENVIRONMENT STUDIES**

### **FACULTY**

Professor (1) Harminder Pal Singh (Ph.D.)

Associate Professor (1) Suman Mor (Ph.D.)

Assistant Professor (2) Madhuri Rishi (Ph.D.), Rajeev Kumar (Ph.D.)

## **GEOLOGY**

### **FACULTY**

Professor (4) Ashu Khosla (Ph.D.), Naveen Chaudhri (Ph.D.), Parampreet Kaur (Ph.D.), Rajeev Patnaik (Ph.D.)

Associate Professor (1) Gurmeet Kaur (Ph.D.)

Assistant Professor (5) Birendra Pratap SINGH (Ph.D.), DEBABRATA DAS (Ph.D.), MAHESH THAKUR (Ph.D.), SEEMA SINGH (Ph.D.), Susanta Paikaray (Ph.D.)

## **INSTITUTE OF FORENSIC SCIENCE & CRIMINOLOGY**

**Chairperson** Dr. Vishal Sharma

### **FACULTY**

Assistant Professor (3) Jagdish Rai (Ph.D.), Shweta Sharma (Ph.D.), VISHAL SHARMA (Ph.D.)

## MATHEMATICS

### FACULTY

Professor (6)	Dinesh K Khurana (Ph.D.), G K Bakshi (Ph.D.), Renu Bajaj (Ph.D.), S K Tomar (Ph.D.), Savita Bhatnagar (Ph.D.), Vanita Verma (Ph.D.)
Associate Professor (2)	Poonam Sehgal (Ph.D.), Vikas Bist (Ph.D.)
Assistant Professor (8)	Aarti Khurana (Ph.D.), Anjana Khurana (Ph.D.), Dilbag Singh (Ph.D.), Gagandeep Singh (Ph.D.), Manisha Sharma (Ph.D.), Sarita Pippal (Ph.D.), Suman Bala (PG), Surinder Pal Singh Kainth (Ph.D.)

## MICROBIOLOGY

### FACULTY

Professor (7)	Geeta Shukla (Ph.D.), Kusum Harjai (Ph.D.), Praveen Rishi (Ph.D.), Prince Sharma (Ph.D.), Sanjay Chhibber (Ph.D.), Sanjiv Kumar Soni (Ph.D.), Vijay Prabha (Ph.D.)
Associate Professor (1)	Deepak Kumar Rahi (Ph.D.)
Assistant Professor (3)	Khemraj (PG), Naveen Gupta (Ph.D.), Seema Kumari (Ph.D.)

## DEPARTMENT CUM NATIONAL CENTRE FOR HUMAN GENOME STUDIES & RESEARCH

### Chairperson

Dr. Shashi Chaudhary

### FACULTY

Associate Professor (1)	Dr. Ramandeep Kaur (Ph.D.)
Assistant Professor (2)	Dr. Ranvir Singh (Ph.D.), Dr. Shashi Chaudhary (Ph.D.)

## PHYSICS

### FACULTY

Professor (12)	Ashok Kumar (Ph.D.), B R Behera (Ph.D.), C N Kumar (Ph.D.), G S S Saini (Ph.D.), Navdeep Goyal (Ph.D.), Vipin Bhatnagar (Ph.D.)
Associate Professor (2)	J S Shahi (Ph.D.)
Assistant Professor (8)	Gulsheen Ahuja (Ph.D.), Sakshi Gautam (Ph.D.), Sushil Singh Chauhan (Ph.D.)

## STATISTICS

### FACULTY

Professor (5)	Chopra Sangeeta (Ph.D.), Jain Kanchan K (Ph.D.), Kumar Narinder (Ph.D.), Mahajan Kalpana K (Ph.D.), Sharma Suresh Kumar (Ph.D.)
Assistant Professor (2)	Goyal Anju (Ph.D.), Kumar Manoj (Ph.D.)
System Manager (1)	Harminder Singh Deosi (PG)

## UNIVERSITY INSTITUTE OF FASHION TECHNOLOGY & VOCATIONAL DEVELOPMENT

### Chairperson

Dr. Anu H Gupta

### FACULTY

Assistant Professor (3)	Dr. Anu H Gupta (Ph.D.), Dr. Prabhdip Brar (Ph.D.), Dr. Rita Kant (Ph.D.)
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## ZOOLOGY

### FACULTY

Professor (2) Harpreet Kaur (Ph.D.), Sukhbir Kaur (Ph.D.)  
Assistant Professor (7) Archana Chauhan (Ph.D.), Indu Sharma (Ph.D.), Mani Chopra (Ph.D.), Ravinder Kumar (Ph.D.), Ravneet Kaur (Ph.D.), Vijay Kumar (Ph.D.), Yogesh Kumar Rawal (Ph.D.)

## CENTRE FOR MEDICAL PHYSICS

### FACULTY

Assistant Professor (1) Vivek Kumar (Ph.D.)

## MICROBIAL BIOTECHNOLOGY

### FACULTY

Professor (1) Rupinder Tewari (Ph.D.)  
Associate Professor (1) Rohit Sharma (Ph.D.)  
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Assistant Professor (3) Dr. Akash Katoch (Ph.D.), Dr. Bharat Bajaj (Ph.D.) Dr. Richa Rastogi Thakur (Ph.D.).

## CENTRE FOR NUCLEAR MEDICINE

### FACULTY

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## CENTRE FOR PUBLIC HEALTH

### Chairperson

Dr. Komal Sehgal

### FACULTY

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Assistant Professor (1) Manoj Kumar (Ph.D.)

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Dr. Seemha Rai

### FACULTY

Assistant Professor (2) Seemha Rai (Ph.D.), Anuj Gupta (Ph.D) (Adhoc)

## CENTRE FOR SYSTEM BIOLOGY & BIOINFORMATICS

### FACULTY

Assistant Professor (3) Ashok Kumar (Ph.D.), Tammanna R Sahrawat (Ph.D.), Veena Puri (Ph.D.)

## **EVENING STUDIES**

### **FACULTY**

Professor (17)	Bhupinder Kaur (Ph.D.), Chander Mohan (Ph.D.), G C Chauhan (Ph.D.), Gauri Sharma (Ph.D.), Gurpal Singh (Ph.D.), Gurpreet Kaur (Ph.D.), Harsukhjit Kaur (Ph.D.), Keshav Malhotra (Ph.D.), Mahesh Sharma (Ph.D.), Mohd Khalid (Ph.D.), Neeraj Jain (Ph.D.), Neeraj Sharma (Ph.D.), Sudhir Kumar (Ph.D.), Suman Makkar (Ph.D.), Vandna Maini (Ph.D.), Ishwar Dayal Gaur (Ph.D.), Sukhjinder Singh Gill (Ph.D.).
Associate Professor (2)	Amandeep (Ph.D.), Keerti Vardhan (Ph.D.)
Assistant Professor (3)	Amandeep Singh (PG), Kusum (PG), Simran Kaur (Ph.D.)

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### **Chairperson**

Prof. Neeru

### **FACULTY**

Professor (15)	Emanuel Nahar (Ph.D.), Geeta Mangla Bansal (Ph.D.), Harsh Gandhar (Ph.D.), Kuldip Puri (Ph.D.), Madhurima Verma (Ph.D.), Meena Dutta (Ph.D.), Neeru (Ph.D.), Praveen Sharda (Ph.D.), Prof. Jaspal Kaur Kaang (Ph.D.), Prof. Swinder Singh (Ph.D.), Ram Mehar (Ph.D.), Sheena Pall (Ph.D.), Supreet Kaur (Ph.D.), Swarnjit Kaur (Ph.D.), Yojna Rawat (Ph.D.)
Associate Professor (3)	Mamta Rani Garg (Ph.D.), Manju Gera Dhingra (Ph.D.), Sangeeta Malhotra (M.Phil.)
Assistant Professor (15)	Anil Kumar (Ph.D.), Bhupinder Singh Pali (Ph.D.), Harmail Singh (PG), Jeesu Jaskanwar Singh (PG), Kamla (Ph.D.), Kuljeet Kaur (Ph.D.), Parveen Kumar (Ph.D.), Purva Mishra (Ph.D.), Rajesh Kumar Jaiswal (Ph.D.), Rajni (Ph.D.), Rajni Rajan Chauhan (P.G), Ravinder Kaur (Ph.D.), Reena Rani Chaudhary (Ph.D.), Richa Sharma (Ph.D.), Sucha Singh (Ph.D.)
Visiting Faculty (1)	Sudhir Kumar Baweja (M.Phil.)

## **P.U. REGIONAL CENTRE, LUDHIANA**

### **Chairperson**

Prof. Aman Amrit Cheema

### **FACULTY**

Professor (5)	Aman Amrit Cheema (Ph.D.), Arti Puri (Ph.D.), Ashish Virk (Ph.D.), Prof Harmeet Singh Sandhu (Ph.D.), Prof. Ravi Inder Singh (Ph.D.)
Associate Professor (1)	Dr.Shiv Kumar Dogra (Ph.D.)
Assistant Professor (11)	Aditi Sharma (Ph.D.), Ashish Saihjjal (Ph.D.), Dr. Harpreet Kaur Vohra (Ph.D.), Dr. Meera Nagpal (Ph.D.), Dr. Pooja Sikka (Ph.D.), Dr.Neelam Batra (Ph.D.), Dr.Rajnish Saryal (Ph.D.), Dr.Vaishali Thakur (Ph.D.), Mr. Shashi Kapoor (PG), Mr. Taranjeet Singh (PG), Mr. Tarun Kumar Vashisth (PG)
Part-time (4)	Dr. Kuljit Singh (Ph.D.), Mr. Sunil Mittal (PG), Ms. Sarita Paul (PG), Ms. Vandana Bhanot (PG).

## **P.U. REGIONAL CENTRE, MUKTSAR**

### **FACULTY**

Professor (2)	Baljinder Kaur (Ph.D.), Manish Kumar (Ph.D.)
Associate Professor (1)	D K Singh (Ph.D.)
Assistant Professor (2)	Mohinder Kumar (Ph.D.), Nisha Jain (Ph.D.)

## **P.U. RURAL CENTRE, KAUNI, MUKTSAR**

**Chairperson** Dr. Monica Bansal

### **FACULTY**

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## **P.U. S.S. GIRI REGIONAL CENTRE, HOSHIARPUR**

**Chairperson** Dr. Harminder Singh Bains

### **FACULTY**

Professor (2) Dr. Harminder Singh Bains (Ph.D.), Dr. Satish Kumar (Ph.D.)

Associate Professor (2) Dr. Gurinder Singh (Ph.D.), Dr. Manu Dogra (Ph.D.)

Assistant Professor (38) Dr. Abhishek Chauhan (Ph.D.), Dr. Aman Kaura (Ph.D.), Dr. Ankur Singh Kang (Ph.D.), Dr. Balwant Raj (Ph.D.), Dr. Brajesh Sharma (Ph.D.), Dr. Dharam Pal Singh Punia (Ph.D.), Dr. Gaurav Saini (Ph.D.), Dr. Jaswinder Singh (Ph.D.), Dr. Kumari Monika (Ph.D.), Dr. Neeru Mago (Ph.D.), Dr. Pooja Sood (Ph.D.), Dr. Rajinder Singh (Ph.D.), Dr. Ritu Salaria (Ph.D.), Dr. Satish Kumar (Ph.D.), Dr. Sukhbir Kaur (Ph.D.), Dr. Sukhvinder Singh Bamber (Ph.D.), Dr. Sunaina (Ph.D.), Dr. Vinay Sharma (Ph.D.), Gurpreet Singh (PG), Harkamal Preet Singh (PG), Jaspal Singh (PG), Mandeep Singh Walia (PG), Meenu (PG), Naveen Dogra (PG), Neeraj Sharma (PG), Prabha Sharma (PG), Rahul Jassal (PG), Rajeev Kumar Dang (PG), Ravinder Kumar Pal (PG), Savita Grover (PG), Suman (PG), Suresh Kumar (PG), Vinay Arora (M.Phil.), Divya Sharma (PG), Gurpinder Singh (PG), Kanwalpreet Singh (PG), Ritika Arora (PG), Shama Pathania (PG).

Part-time (1) Dr. Kamy Rani (Ph.D.)



# **STUDENTS ENROLMENT**

**ANCIENT INDIAN HISTORY, CULTURE & ARCHAEOLOGY**

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	M.A. (AIHC&A) - 1	9	17	3	2	5	3	3	0	0	0	0	0	0	0	20
M.A. (AIHC&A) - 2	12	15	3	2	0	2	2	1	0	0	0	0	0	0	17	20
Ph.D	1	2	0	0	0	0	0	0	0	0	0	0	0	0	1	2

**CENTRE FOR THE STUDY OF SOCIAL EXCLUSION AND INCLUSIVE POLICY**

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

**DEFENCE AND NATIONAL SECURITY STUDIES**

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	M.A. (Defence and National Security Studies) - 1	13	11	5	0	1	1	0	2	0	0	0	0	9	2	28
M.A. (Defence and National Security Studies) - 2	14	9	1	0	2	1	2	0	0	0	1	0	4	0	24	10
M.Phil. (Defence and National Security Studies) - 1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0
P.G. Diploma in Disaster Management & Security - 1	3	0	0	1	0	0	0	0	0	0	0	0	8	0	11	1
P.G. Diploma in Homeland Security - 1	1	0	1	0	0	0	1	0	0	0	0	0	13	0	16	0
Ph.D	12	0	1	0	1	0	0	0	0	0	0	0	0	0	14	0

**DEPARTMENT CUM CENTRE FOR WOMEN STUDIES & DEVELOPMENT**

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	Certificate Course (Governance and Leadership) - 1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	M.A. (Governance and Leadership) - 1	2	2	0	0	0	0	1	0	0	0	0	0	0	0	3
M.A. (Governance and Leadership) - 2	6	2	0	0	0	0	0	0	0	0	0	0	0	0	6	2
M.A. (Women Studies) - 1	11	8	2	3	0	0	2	2	1	0	0	0	0	0	16	13
M.A. (Women Studies) - 2	9	7	0	2	0	1	1	1	0	0	0	0	0	0	10	11
P.G. Diploma in Women Studies - 1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	2
Ph.D	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1

### ECONOMICS

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	B.A. (HS) Economics - 1	5	15	1	3	2	0	1	0	0	0	0	0	2	4	11
B.A. (HS) Economics - 2	2	12	2	3	1	0	0	1	0	0	0	1	2	5	7	22
B.A. (HS) Economics - 3	2	15	4	1	1	0	0	1	0	0	1	0	2	5	10	22
M.A. (Economics) - 1	9	34	0	1	0	0	1	2	0	0	0	0	0	0	10	37
M.A. (Economics) - 2	6	40	3	4	3	3	0	3	1	0	0	0	2	8	15	58
M.Phil. (Economics) - 1	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Ph.D	0	4	0	1	0	1	1	0	0	0	0	0	0	0	1	6

### GANDHIAN AND PEACE STUDIES

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	M.A. (Gandhian and Peace Studies) - 1	26	9	0	0	1	0	1	0	0	0	0	0	0	0	28
M.A. (Gandhian and	11	6	2	0	0	0	1	0	0	0	0	0	1	2	15	8

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	Peace Studies) - 2															
M.Phil. (Gandhian & Peace Studies) - 1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Ph.D	2	2	0	0	0	0	0	0	0	0	1	0	0	2	2	

### GEOGRAPHY

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	M.A. (Geography) - 1	8	29	2	4	0	4	2	1	0	0	0	0	1	2	13
Masters Geoinformatics - 1	12	10	0	0	0	0	0	0	0	0	0	0	0	0	12	10
Masters in Disaster Management - 1	10	8	0	0	0	0	0	0	0	0	0	0	0	0	10	8
Ph.D	4	3	2	1	0	2	0	0	0	0	0	0	0	0	6	6

### GURU NANAK SIKH STUDIES

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	M.A. (Comparative Studies of Religion) - 1	8	1	1	1	0	0	0	0	0	0	0	0	0	0	9
M.A. (Comparative Studies of Religion) - 2	6	3	0	1	0	0	0	0	0	0	0	0	0	0	6	4

### LIBRARY & INFORMATION SCIENCE

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	B.Lib.I.Sc. - 1	11	21	7	9	1	2	6	1	0	0	0	0	1	5	26
M.Lib.I.Sc. - 1	4	13	8	3	2	1	1	1	1	0	0	0	2	5	18	23
Ph.D	1	0	0	0	0	1	1	0	0	0	0	0	0	0	2	1

**CENTRE FOR SWAMI VIVEKANANDA STUDIES**

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	Certificate course in yoga and meditation - 1	7	10	0	2	0	0	0	0	0	0	0	0	0	0	7
Certificate course in Elementary Sanskrit and Bhagvadgita - 1	11	6	0	0	0	0	0	0	0	0	0	0	0	0	11	6
Ph.D	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1

**HISTORY**

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	M.A. (History) - 1	7	20	6	6	3	2	3	2	0	0	0	0	1	5	20
M.A. (History) - 2	7	19	3	2	2	4	4	4	0	0	0	1	1	5	17	35
Ph.D	1	6	1	0	1	2	0	0	0	0	0	0	0	0	3	8

**POLITICAL SCIENCE**

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	M.A. (Political Science) - 1	4	27	6	3	2	3	3	2	1	2	0	0	6	5	22
M.A. (Political Science) - 2	5	16	4	6	0	6	3	3	0	1	4	1	4	9	20	42
Ph.D	1	4	1	2	1	0	0	1	0	1	0	0	0	0	3	8

**PHILOSOPHY**

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	M.A. (Philosophy) - 1	12	2	1	4	0	1	1	3	0	0	0	0	0	0	14
M.A. (Philosophy) - 2	6	7	6	0	1	0	1	0	0	0	0	0	1	2	15	9
M.Phil. (Philosophy) - 1	1	5	0	0	0	0	0	0	0	0	0	0	0	0	1	5
Ph.D	1	2	0	0	0	0	0	0	0	0	0	0	0	0	1	2

## PSYCHOLOGY

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	M.A. (Psychology) - 1	2	38	2	8	0	5	1	2	0	0	0	1	1	6	6
M.A. (Psychology) - 2	2	41	1	8	1	3	1	1	0	0	0	1	1	5	6	59
Post M.A. Diploma in Counselling and Psychotherapy - 1	1	11	0	1	0	1	0	0	0	0	0	0	0	1	1	14
Ph.D	2	3	1	2	0	0	0	0	0	0	0	0	0	0	3	5

## P.U. INSTITUTE OF SOCIAL SCIENCE EDUCATION & RESEARCH (PU-ISSER)

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	B.A. (HS) Social Science - 1	9	21	3	4	1	2	3	0	2	0	3	0	10	0	31
B.A. (HS) Social Science - 2	11	25	4	4	1	2	0	1	0	0	2	0	0	8	18	40
B.A. (HS) Social Science - 3	10	16	3	5	3	1	0	3	2	1	0	1	4	6	22	33
B.A. (HS) Social Science - 4	22	8	3	4	1	2	0	1	0	0	0	0	4	1	30	16
B.A. (HS) Social Science - 5	7	11	3	0	0	0	2	1	0	0	0	0	0	0	12	12

## SOCIOLOGY

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	M.A. (Sociology I) - 2	9	23	4	6	1	5	1	6	1	1	0	1	10	7	26
M.A. (Sociology) - 1	9	23	4	6	1	5	1	6	1	1	0	1	3	0	19	42
Ph.D	5	6	0	2	0	2	0	1	0	0	0	0	0	0	5	11

## PUBLIC ADMINISTRATION

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	M.A. (Public	5	30	5	3	1	3	2	0	1	0	0	0	5	6	19

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	Administration) - 1															
M.A. (Public Administration) - 2	4	23	2	4	2	2	2	1	0	0	0	0	3	6	13	36
M.Phil. (Public Administration) - 1	4	1	0	0	0	0	0	0	0	0	0	0	0	0	4	1
Ph.D	3	2	0	1	1	0	1	0	0	0	0	0	0	0	5	3

### SCHOOL OF COMMUNICATION STUDIES

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	M.A. (Journalism & Mass Communication) - 1	7	16	5	0	0	1	1	1	0	0	0	0	4	4	17
M.A. (Journalism & Mass Communication) - 2	6	9	2	4	0	0	1	2	0	0	0	0	7	6	16	21
P.G. Diploma in Advertising & Public Relations - 1	6	8	1	0	0	0	0	0	0	0	0	0	0	0	7	8
P.G. Diploma in Journalism & Mass Communication - 1	11	3	0	0	0	0	0	0	0	0	0	0	0	0	11	3
P.G. Diploma in Radio Production - 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph.D	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0

### CENTRE FOR SOCIAL WORKS

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	Certificate Course in Social Work and Field Interventions - 1	1	5	1	0	0	0	0	1	0	0	0	0	0	1	2
Master of Social Work - 1	3	9	2	3	0	0	1	1	1	0	1	0	0	1	8	14
Master of Social Work - 2	7	15	2	0	1	0	2	0	0	0	0	1	1	3	13	19

### CENTRE FOR POLICE ADMINISTRATION

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	M.A. (Police Administration) - 1	12	0	3	1	0	0	2	0	0	0	0	0	4	2	21
M.A. (Police Administration) - 2	6	14	6	1	0	1	5	0	0	0	0	0	3	1	20	17
M.Phil. (Police Administration) - 1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Ph.D	1	0	0	0	0	0	0	2	0	0	0	0	0	0	1	2

### CENTRE FOR HUMAN RIGHTS & DUTIES

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	M.A. (Human Rights and Duties)-delete - 1	15	9	2	0	0	0	2	0	0	1	0	0	0	0	20
Ph.D	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3
M.A. (Human Rights and Duties)-delete - 2	13	12	3	1	0	0	0	0	0	0	0	0	0	0	16	13

### UNIVERSITY BUSINESS SCHOOL

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	Masters in Commerce (HS) - 1	2	12	1	3	1	0	0	1	0	0	0	0	1	5	5
Masters in Commerce (HS) - 2	0	14	1	4	0	2	0	2	1	0	0	0	0	6	2	28
MBA - 1	23	16	6	2	1	0	3	0	1	0	2	0	10	4	46	22
MBA - 2	29	8	11	0	2	0	3	0	0	0	2	0	5	4	52	12
MBA (EP) - 1	4	2	0	0	0	0	0	0	0	0	0	0	0	0	4	2
MBA (EP) - 2	9	0	0	1	0	0	1	0	0	0	0	0	1	3	11	4
MBA (HR) - 1	12	11	1	0	0	0	0	1	0	0	0	0	1	2	14	14
MBA (HR) - 2	15	1	3	2	0	0	2	0	0	0	0	0	2	5	22	8
MBA (IB) - 1	16	6	0	1	0	0	0	1	0	0	0	0	3	1	19	9
MBA (IB) - 2	15	3	4	2	0	0	1	1	0	0	0	0	3	4	23	10
MBA (MBAFEX) - 1	7	2	0	0	0	0	0	0	0	0	0	0	0	0	7	2
MBA (MBAFEX) - 2	9	4	0	0	0	0	0	0	0	0	0	0	0	0	9	4
Ph.D	6	10	1	4	0	0	0	0	0	0	4	0	0	0	7	14



## UNIVERSITY INSTITUTE OF APPLIED MANAGEMENT SCIENCES

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	MBA (Banking and Insurance Management) - 1	17	14	6	2	1	1	1	1	0	0	0	0	3	3	28
MBA (Banking and Insurance Management) - 2	11	19	1	5	1	1	1	1	0	0	15	11	1	6	30	43
MBA (Hospital Management) - 1	2	8	0	2	0	0	0	0	0	0	0	0	0	0	2	10
MBA (Hospital Management) - 2	2	7	0	1	0	0	0	0	0	0	0	0	0	2	2	10
MBA (Infrastructural Management) - 1	3	1	0	0	0	0	0	0	0	0	0	0	0	0	3	1
MBA (Infrastructural Management) - 2	4	1	2	0	0	0	0	0	0	0	0	0	0	0	6	1
MBA (IT & Telecom Management) - 1	13	3	2	1	1	0	0	1	0	0	0	0	3	1	19	6
MBA (IT & Telecom Management) - 2	11	5	3	0	0	0	1	0	0	0	1	0	2	1	18	6
MBA (Pharmaceutical Management) - 1	5	4	0	0	1	0	0	1	0	0	0	0	1	0	7	5
MBA (Pharmaceutical Management) - 2	8	3	1	0	1	0	0	0	0	0	0	0	0	1	10	4
MBA (Retail Management) - 1	24	8	4	3	0	1	1	1	0	0	0	0	1	6	30	19
MBA (Retail Management) - 2	13	17	3	3	2	0	1	1	0	0	8	5	5	4	32	30
MBA Capital Markets - 1	10	7	2	1	0	0	1	0	0	0	0	0	3	1	16	9
MBA Capital Markets - 2	10	8	1	0	0	0	0	1	0	0	2	3	1	1	14	13
Ph.D	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	7

## UNIVERSITY INSTITUTE OF HOTEL AND TOURISM MANAGEMENT

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	Bachelor of Hotel Management and Catering Technology - 1	28	8	11	0	2	1	4	1	0	0	0	0	0	0	45
Bachelor of Hotel Management and Catering Technology - 2	28	5	8	3	1	0	6	1	0	0	0	0	1	2	47	11
Bachelor of Hotel Management and Catering Technology - 3	39	8	0	1	1	1	3	0	0	0	0	0	0	0	48	14

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	Bachelor of Hotel Management and Catering Technology - 4	27	10	4	0	1	0	3	2	0	0	0	0	0	3	38
Bachelor of Tourism and Travel Management - 1	7	9	3	2	4	0	2	1	0	0	0	0	0	0	16	12
Bachelor of Tourism and Travel Management - 2	12	7	3	0	1	1	1	1	0	0	0	0	1	3	18	13
Bachelor of Tourism and Travel Management - 3	19	8	0	1	2	0	0	0	0	0	0	0	0	0	21	9
Bachelor of Tourism and Travel Management - 4	16	8	1	1	2	0	1	0	0	0	0	0	1	0	21	9
Master in Tourism Travel Management - 1	11	10	1	0	0	0	0	2	0	0	0	0	0	1	12	13
Master in Tourism Travel Management - 2	12	8	0	2	1	1	3	0	0	0	0	0	0	0	16	12
Masters in Hospitality Management and Catering Technology - 1	8	6	0	1	0	0	1	1	0	0	0	0	0	0	10	8
Masters in Hospitality Management and Catering Technology - 2	10	3	1	0	0	0	1	0	0	0	0	0	0	0	12	3

### INDIAN THEATRE

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	M.A. (Indian Theatre) - 1	16	4	2	0	0	0	0	0	0	0	0	0	1	0	19
M.A. (Indian Theatre) - 2	16	3	0	0	0	0	0	0	0	0	0	0	0	0	16	3

### ART HISTORY & VISUAL ARTS

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	M.A. (History of Art) - 1	8	5	1	0	0	0	0	0	0	0	0	0	0	0	9
M.A. (History of Art) - 2	5	14	1	1	0	0	1	0	0	0	0	0	0	0	7	15
Ph.D	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2

## MUSIC

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	M.A. (Music Instrumental) - 1	7	2	3	0	0	0	1	0	1	0	0	0	1	0	13
M.A. (Music Instrumental) - 2	2	4	1	1	1	0	1	0	0	0	0	0	0	0	5	5
M.A. (Music Vocal) - 1	8	4	1	2	0	1	0	0	1	0	0	0	2	1	12	8
M.A. (Music Vocal) - 2	5	8	3	1	0	1	0	0	0	0	0	0	0	0	8	10
Ph.D	2	2	2	0	0	0	1	0	0	0	0	0	0	0	5	2
M.Phil (Vocal & Instrumental)	2	1	0	0	0	0	0	0	0	0	0	0	0	0	2	1

## COMMUNITY EDUCATION & DISABILITY STUDIES

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	B.Ed Special Education (L.D) - 1	1	20	1	3	2	0	1	1	0	0	0	0	0	1	5
B.Ed Special Education (L.D) - 2	1	16	1	3	1	0	0	1	2	0	0	0	0	1	5	21
M.A. (Community Education & Development) - 1	8	1	0	0	0	0	0	0	0	0	0	0	0	0	8	1
M.A. (Community Education & Development) - 2	4	1	1	3	0	0	1	0	0	0	0	0	0	0	6	4
Ph.D	0	5	1	1	0	0	0	0	0	0	0	0	0	0	1	6

## EDUCATION

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	M.A. (Education) - 1	2	3	2	1	1	0	3	1	0	0	0	0	0	0	8
M.A. (Education) - 2	3	4	1	1	0	1	2	1	0	0	1	1	0	0	7	8
M.E. d. (General) - 1	3	31	3	4	0	1	0	6	0	0	0	0	0	2	6	44
M.E. d. (General) - 2	0	24	2	3	0	1	0	4	0	0	0	0	1	2	3	34
Ph.D	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0

### LIFE LONG LEARNING & EXTENSION

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	Diploma in Pre-school Education - 1	0	3	0	5	0	0	1	0	0	0	0	0	0	0	1

### INSTITUTE OF EDUCATIONAL TECHNOLOGY & VOCATIONAL EDUCATION

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	B.A. B.ED. - 1	7	18	4	4	1	3	2	5	1	1	0	0	2	1	17
B.A. B.ED. - 2	7	18	4	4	1	2	2	4	1	1	0	0	2	1	17	30
B.A. B.ED. - 3	9	18	6	5	0	1	3	2	2	0	0	0	0	5	20	31
B.A. B.ED. - 4	11	15	5	3	0	2	6	2	0	1	0	0	0	0	22	23

### PHYSICAL EDUCATION

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
	B.P.Ed. - 1	20	5	3	3	3	0	2	0	0	0	0	0	0	1	0	29
B.P.Ed. - 2	12	13	4	2	1	2	2	1	0	0	0	0	0	0	0	19	18
M.P.Ed. - 1	14	7	4	0	0	1	2	0	0	0	0	0	0	0	20	8	
M.P.Ed. - 2	9	11	2	5	0	3	0	1	0	0	0	0	2	0	13	20	
M.Phil. (Physical Education) - 1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Ph.D	7	4	5	0	0	0	2	1	0	0	0	0	0	0	14	5	

### DR. S.S. BHATNAGAR UNIVERSITY INSTITUTE OF CHEMICAL ENGINEERING & TECHNOLOGY

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	B.E. Chemical Engineering - 1	45	4	11	1	6	1	3	1	0	0	0	0	5	5	70
B.E. Chemical Engineering - 2	52	4	11	1	7	0	2	1	0	0	0	0	5	6	77	12
B.E. Chemical Engineering - 3	42	16	11	3	3	1	4	0	0	0	0	0	12	2	72	22

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	B.E. Chemical Engineering - 4	40	18	10	7	1	1	3	0	0	0	0	0	6	6	60
B.E. Food Technology - 1	12	4	4	0	1	0	2	0	0	0	0	0	0	5	19	9
B.E. Food Technology - 2	10	3	4	0	0	0	1	1	0	0	0	0	4	2	19	6
B.E. Food Technology - 3	16	6	4	0	0	1	2	0	0	0	0	0	3	1	25	8
B.E. Food Technology - 4	9	16	1	0	0	0	1	0	0	0	0	0	1	0	12	16
Integrated B.E. Chemical-MBA - 1	15	5	5	1	0	0	1	0	0	0	0	0	1	1	24	8
Integrated B.E. Chemical-MBA - 2	16	2	5	1	0	0	0	1	0	0	0	0	3	1	27	5
Integrated B.E. Chemical-MBA - 3	10	3	3	2	1	0	1	0	0	0	0	0	2	3	18	9
Integrated B.E. Chemical-MBA - 4	9	13	0	0	0	0	0	0	0	0	0	0	0	0	10	14
Integrated B.E. Chemical-MBA - 5	10	9	0	0	0	0	0	0	0	0	0	0	0	0	13	9
M.E. (Chemical Engineering) - 1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0
M.E. (Chemical Engineering) - 2	10	5	0	0	0	0	0	0	0	0	0	0	0	0	10	5
M.E. (Chemical specialization with Environment Engineering) - 1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
M.E. (Chemical speialization with Environment Engineering) - 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.E. (Food Technology) - 1	2	4	0	1	0	0	0	1	0	0	0	0	0	4	2	10
M.E. (Food Technology) - 2	1	6	0	1	0	1	1	0	0	0	0	0	1	1	3	9
M.Sc (Industrial Chemistry - 1	5	9	0	0	0	0	0	1	0	0	0	0	0	0	5	10
M.Sc (Industrial Chemistry - 2	4	8	1	1	0	1	1	0	0	0	0	0	1	1	7	11
M.Tech (Polymers) - 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	M.Tech (Polymers) - 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph.D	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2

### ENERGY RESEARCH CENTRE

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	Ph.D	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0

### UNIVERSITY INSTITUTE OF ENGINEERING & TECHNOLOGY

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	B.E. (BioTechnology) - 1	43	22	10	1	0	0	4	0	0	0	0	0	0	0	64
B.E. (BioTechnology) - 2	50	25	0	0	0	0	0	0	0	0	0	0	0	1	53	27
B.E. (BioTechnology) - 3	29	22	1	2	0	0	0	0	0	0	0	0	0	0	31	24
B.E. (BioTechnology) - 4	6	12	0	0	0	0	1	0	0	0	0	0	0	0	9	12
B.E. (CSE) - 1	58	8	12	4	6	2	3	2	0	1	0	0	10	2	99	22
B.E. (CSE) - 2	47	18	13	3	8	0	5	0	2	0	0	0	18	5	97	27
B.E. (CSE) - 3	49	11	13	3	7	1	4	1	5	0	4	1	11	13	97	31
B.E. (CSE) - 4	46	24	11	5	6	2	5	0	0	0	0	0	13	9	85	41
B.E. (EEE) - 1	45	9	11	1	5	1	4	0	0	0	0	0	7	5	76	16
B.E. (EEE) - 2	51	5	15	0	5	1	7	2	0	0	0	0	8	0	90	8
B.E. (EEE) - 3	43	9	9	3	5	1	3	2	0	0	0	0	10	2	73	17
B.E. (EEE) - 4	37	16	11	1	5	1	5	1	0	0	0	0	8	2	69	21
B.E. (Elect.& Communication) - 1	68	7	17	1	7	2	6	0	0	0	0	0	15	5	119	15
B.E. (Elect.& Communication) - 2	40	13	15	3	9	0	17	3	0	0	0	0	10	5	109	24
B.E. (Elect.& Communication) - 3	55	16	14	4	6	3	6	0	0	0	0	0	15	6	102	29
B.E. (Elect.& Communication) - 4	58	18	17	5	3	2	5	1	0	0	0	0	13	5	101	32

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
	B.E. (IT) - 1	43	20	14	3	7	1	5	0	0	0	0	0	0	10	7	84
B.E. (IT) - 2	60	10	14	2	7	1	5	0	0	0	0	0	0	12	5	103	18
B.E. (IT) - 3	43	20	14	3	7	1	5	0	0	0	0	0	0	10	7	84	31
B.E. (IT) - 4	54	14	14	3	6	1	5	0	0	0	0	0	0	15	2	98	21
B.E. (Mechanical) - 1	50	5	12	0	6	0	4	0	0	0	0	0	0	4	0	86	5
B.E. (Mechanical) - 2	54	5	11	0	4	0	4	0	1	0	0	0	0	1	0	79	5
B.E. (Mechanical) - 3	49	5	14	0	5	0	6	0	1	0	0	0	0	0	0	78	5
B.E. (Mechanical) - 4	47	6	6	0	8	0	9	0	0	0	0	0	0	1	0	73	6
M.E. (BioTechnology) - 1	4	13	0	2	1	0	0	2	0	0	0	0	0	0	0	5	17
M.E. (BioTechnology) - 2	2	11	1	1	0	0	1	0	0	0	0	0	0	0	2	4	14
M.E. (CSE) - 1	7	7	3	0	0	0	0	2	0	0	0	0	0	0	1	10	10
M.E. (CSE) - 2	3	11	1	3	0	0	0	0	0	0	0	0	0	0	2	4	16
M.E. (Cyber security) - 1	8	1	1	1	0	0	0	1	0	0	0	0	0	0	0	9	3
M.E. (Cyber security) - 2	3	2	0	2	0	0	0	0	0	0	0	0	0	0	0	3	4
M.E. (ECE) - 1	1	3	5	1	0	0	0	0	0	0	0	0	0	1	0	7	4
M.E. (ECE) - 2	0	6	6	4	0	0	2	0	0	0	0	0	0	1	0	9	10
M.E. (Electrical Engg. (Power System)) - 1	10	2	0	0	0	0	0	0	0	0	0	0	0	0	0	10	2
M.E. (Electrical Engg. (Power System)) - 2	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0	7	2
M.E. (IT) - 1	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7
M.E. (IT) - 2	5	7	0	1	0	0	0	0	0	0	0	0	0	0	1	5	9
M.E. (Mechanical) - 1	10	0	2	0	0	0	1	0	0	0	0	0	0	0	0	13	0
M.E. (Mechanical) - 2	9	0	4	0	0	0	1	0	0	0	0	0	0	0	0	14	0
M.Tech. (Material Science. & Technology) - 1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
M. Tech. (Material Science. & Technology) - 2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
M.Tech. (Microelectronics) - 1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	2	2
M.Tech. (Microelectronics) - 2	8	2	0	0	1	0	1	0	0	0	0	0	0	0	0	10	2
Ph.D	2	6	1	0	1	0	0	0	0	0	0	0	0	0	0	4	6

**CIL/SAIF/USIC/UCIM**

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	M.Sc. (Instrumentation) - 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.Sc. (Instrumentation) - 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.Tech. (Instrumentation) - 1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
M.Tech. (Instrumentation) - 2	5	0	1	0	0	0	0	0	0	0	0	0	0	0	6	0

**CHINESE AND TIBETAN LANGUAGES**

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	Advance Diploma in Chinese - 1	1	3	0	0	0	0	0	0	0	0	0	0	0	0	1
Certificate Course In Chinese - 1	4	5	1	2	1	0	1	0	0	0	0	0	0	0	7	7
Certificate in Tibetan - 1	2	0	0	0	0	1	0	0	0	0	0	0	0	0	2	1
Diploma In Chinese - 1	2	1	0	1	0	0	0	0	0	0	0	0	0	0	2	2
Diploma In Tibetan - 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diploma Of Proficiency Of Interpretership In Tibetan - 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Post Graduate Diploma In Buddhist Studies - 1	3	1	2	0	0	0	1	0	0	0	0	0	0	0	6	1

**DAYANAND CHAIR FOR VEDIC STUDIES**

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	Certificate Course in Vedic Studies - 1	11	5	0	0	0	0	2	0	0	0	0	0	1	1	14
Ph.D	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0

**ENGLISH & CULTURAL STUDIES**

Program	General	SC	ST	OBC	PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
					M	F	M	F	M	F	M	F



	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
M.A. (English) - 1	9	55	4	11	2	6	1	4	0	0	0	0	1	16	17	92
M.A. (English) - 2	4	50	6	3	0	5	1	4	0	0	0	0	4	10	15	72
M.Phil. (English) - 1	1	3	1	1	0	0	0	0	0	0	0	0	0	0	2	4
Ph.D	2	17	0	0	1	0	0	1	0	0	0	0	0	0	3	18

### FRENCH & FRANCOPHONE STUDIES

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	Advance Diploma Course in French - 1	4	8	3	0	0	0	1	0	0	0	0	0	0	0	8
Certificate Course in French - 1	33	57	14	10	0	1	5	7	0	0	0	0	4	5	56	80
Diploma Course in French - 1	3	4	1	1	0	0	1	1	0	0	0	0	0	0	5	6
M.A. (French) - 1	3	8	0	0	0	0	0	0	0	0	0	0	0	0	3	8
M.A. (French) - 2	6	9	0	0	0	0	0	0	0	0	0	0	0	0	6	9

### GERMAN

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	Advanced Diploma in German - 1	4	2	1	0	0	0	0	0	0	0	0	0	0	0	5
Certificate in German - 1	41	26	1	1	0	0	3	2	0	0	0	0	0	0	45	29
Diploma in German - 1	9	6	1	0	0	0	0	0	0	0	0	0	0	0	10	6

### HINDI

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	M.A. (Hindi) - 1	9	22	7	5	2	3	0	4	3	2	0	0	0	0	21
M.A. (Hindi) - 2	4	14	1	3	1	4	1	7	0	1	0	0	0	0	7	29
P.G. Diploma Course in Translation (English to Hindi) - 1	1	3	4	2	0	2	0	1	0	0	0	0	0	0	5	8
Ph.D	2	1	1	1	0	0	0	0	0	0	0	0	0	0	3	2

## SCHOOL OF PUNJABI STUDIES

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	Diploma Course in Translation (English to Punjabi) - 1	1	2	0	0	0	0	0	1	0	0	0	0	0	0	1
M.A. (Punjabi) - 1	15	11	12	2	0	0	6	7	1	1	0	0	0	0	34	21
M.A. (Punjabi) - 2	9	10	7	5	0	0	5	1	0	0	0	0	0	0	21	16
M.Phil. (Punjabi) - 1	1	2	1	1	0	0	0	1	0	0	0	0	0	0	2	4
M.Phil. (SGGS) - 1	3	2	0	0	0	0	0	0	0	0	0	0	0	0	3	2
Ph.D	1	6	5	1	0	0	2	4	0	0	0	0	0	0	8	11

## RUSSIAN

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	Advance Diploma Course in Russian - 1	4	0	0	0	0	0	2	0	0	0	0	0	0	0	6
Certificate Course in Russian - 1	21	5	1	2	0	0	0	0	0	0	0	0	0	0	22	7
Diploma Course in Russian - 1	3	1	2	0	0	0	0	0	0	0	0	0	0	0	5	1

## SANSKRIT

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	M.A. (Sanskrit) - 1	7	6	0	1	0	0	0	0	0	0	0	0	0	0	8
M.A. (Sanskrit) - 2	7	6	1	2	0	1	2	2	0	0	0	0	0	0	10	12
Upanishads and Gita - 1	8	1	1	0	0	0	0	1	0	0	0	0	0	0	9	2

## URDU

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	Advance Diploma Course in Persian - 1	4	3	1	0	0	0	0	0	0	0	0	0	0	0	5

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	Advance Diploma Course in Urdu - 1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	3
Certificate Course in Persian - 1	6	3	4	0	0	0	0	0	0	0	0	0	4	0	14	3
Certificate Course in Urdu - 1	20	11	5	2	1	0	5	2	0	0	0	0	0	2	34	18
Diploma Course in Persian - 1	4	2	0	0	0	0	2	0	0	0	0	0	0	1	6	3
Diploma Course in Urdu - 1	4	1	0	0	0	0	1	0	0	0	0	0	0	0	5	1
M.A. (Urdu) - 1	5	2	4	0	3	1	2	2	0	0	0	0	1	0	15	5
M.A. (Urdu) - 2	1	3	1	1	2	0	0	0	0	0	0	0	0	0	4	4
Ph.D	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0

### V.V.B.I.S. & I.S. (P.U.), HOSHIARPUR

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	Advance Certificate Course in Yoga Education - 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.A. (Sanskrit) - 1	10	0	1	0	0	0	0	0	0	0	0	0	0	0	11	0
M.A. (Sanskrit) - 2	13	0	1	0	0	0	0	0	0	0	0	0	0	0	14	0
M.Phil. (Sanskrit) - 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Post Graduate Diploma in Yoga Science - 1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	3	0
Prak Shastri - 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prak Shastri - 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shastri - 1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Shastri - 2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Shastri - 3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Ph.D	6	2	2	0	0	0	0	0	0	0	0	0	0	0	8	2

### LAWS

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	LLB - 1	72	101	27	31	5	5	5	4	3	0	7	1	17	16	136

Program	General		SC		ST			OBC	PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
LLB - 2	71	98	30	31	4	6	6	15	6	2	6	3	8	12	131	167
LLB - 3	100	103	38	28	3	2	9	13	0	0	3	2	0	0	153	148
LLM - 1	11	13	3	3	3	0	1	1	2	0	1	1	5	7	26	25
Ph.D	8	31	3	4	0	0	0	0	0	0	0	0	0	0	11	35

### UNIVERSITY INSTITUTE OF LEGAL STUDIES

Program	General		SC		ST			OBC	PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
B.A. (HS) LL.B - 1	40	54	10	19	7	3	3	7	5	2	2	4	12	13	79	102
B.A. (HS) LL.B - 2	29	76	10	14	5	8	1	8	1	1	4	2	11	12	61	121
B.A. (HS) LL.B - 3	45	53	8	21	8	3	5	4	3	1	2	5	12	15	83	102
B.A. (HS) LL.B - 4	28	44	4	13	2	6	3	3	0	1	0	0	10	11	47	78
B.A. (HS) LL.B - 5	38	36	10	8	3	0	1	6	4	1	0	0	13	2	69	53
B.Com (HS) LL.B - 1	49	56	14	17	1	1	4	7	0	0	6	0	7	15	81	96
B.Com (HS) LL.B - 2	39	69	7	20	7	3	2	7	0	0	5	1	11	12	71	112
B.Com (HS) LL.B - 3	47	57	19	21	1	0	3	6	2	0	4	2	7	15	83	101
B.Com (HS) LL.B - 4	36	37	10	12	2	1	3	3	2	1	0	0	8	9	61	63
B.Com (HS) LL.B - 5	33	42	13	10	0	0	5	2	3	0	0	1	4	8	58	63
LLM One Year Course (Morning) - 1	9	23	3	6	1	1	1	0	1	1	1	1	6	4	22	36
LLM Two Years Course (evening session) - 1	19	17	0	0	0	0	1	0	0	0	0	0	0	1	20	18
LLM Two Years Course (evening session) - 2	15	13	2	4	0	0	1	0	0	0	0	0	3	2	21	19

## DR HARVANSH SINGH JUDGE INSTITUTE OF DENTAL SCIENCES & HOSPITAL

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	Bachelor of Dental Surgery - 1	11	57	7	8	0	7	1	6	0	0	0	1	0	2	19
Bachelor of Dental Surgery - 2	21	52	3	9	2	6	0	6	0	0	2	0	0	1	28	74
Bachelor Of Dental Surgery - 3	22	62	3	11	3	13	4	6	0	0	5	4	0	0	37	96
Bachelor of Dental Surgery - 4	8	52	3	6	0	4	1	6	0	0	1	0	0	1	13	69
Bachelor of Dental Surgery - 5	13	66	7	5	0	7	1	0	0	0	1	1	0	1	22	80
Masters of dental surgery - 1	1	10	0	1	0	0	0	1	0	0	0	0	0	0	1	12
Masters of dental surgery - 2	1	12	0	2	0	0	0	0	0	0	0	0	0	0	1	14
Masters of dental surgery - 3	3	8	2	2	0	0	1	0	0	0	0	0	0	0	6	10

## UNIVERSITY INSTITUTE OF PHARMACEUTICAL SCIENCES

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	B. Pharmacy - 1	8	10	2	5	2	1	1	1	1	0	3	3	3	5	28
B. Pharmacy - 2	2	10	3	3	0	3	0	2	0	1	4	2	1	4	12	39
B. Pharmacy - 3	5	13	4	3	2	1	1	0	1	0	2	2	2	5	23	31
B. Pharmacy - 4	4	2	5	2	1	2	1	1	0	0	1	1	2	4	23	27
M. Pharm. in Pharmaceutical Quality Assurance - 1	1	0	1	2	0	0	1	0	0	0	0	0	1	2	8	6
M. Pharm. in Pharmaceutical	1	1	0	1	1	0	0	0	0	0	0	0	0	1	8	6

Program	General		SC		ST		OBC	PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
	Quality Assurance - 2															
M. Pharmacy in Pharmaceutical Analysis - 1	0	0	2	0	1	0	1	0	0	0	0	0	0	0	8	2
M. Pharmacy in Pharmaceutical Analysis - 2	1	1	1	2	0	0	1	0	1	0	0	0	0	1	7	7
Master of Pharmacy in Pharmaceutical Chemistry - 1	1	2	0	1	1	0	0	0	0	0	0	0	0	0	7	7
Master of Pharmacy in Pharmaceutical Chemistry - 2	2	0	1	0	0	0	0	0	0	0	0	1	1	8	5	
Master of Pharmacy in Pharmaceutics - 1	1	2	1	0	0	1	0	0	0	0	0	0	1	5	9	
Master of Pharmacy in Pharmaceutics - 2	1	3	0	1	0	0	0	0	0	0	1	2	1	6	9	
Master of Pharmacy in Pharmacognosy - 1	0	0	0	1	0	0	0	0	0	0	0	0	0	2	4	
Master of Pharmacy in Pharmacognosy - 2	1	0	0	1	0	0	0	0	0	0	0	0	2	1	7	
Master of Pharmacy in Pharmacology - 1	1	2	0	1	0	0	0	0	0	0	0	0	2	2	7	
Master of Pharmacy in Pharmacology - 2	1	2	1	0	0	0	0	0	0	1	0	0	1	5	5	
Ph.D	4	5	2	0	0	0	1	0	0	0	1	0	0	0	7	5

### ANTHROPOLOGY

Program	General		SC		ST		OBC	PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
	B.Sc. (HS)	6	10	0	3	0	2	0	0	1	0	0	0	1	1	8

Program	General		SC		ST		OBC	PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
	Anthropology - 1														
B.Sc. (HS) Anthropology - 2	2	0	0	2	0	2	0	0	0	0	0	1	2	3	6
B.Sc. (HS) Anthropology - 3	9	11	2	1	0	0	0	1	0	0	0	0	2	11	15
Diploma In Forensic Sc. & Criminology - 1	3	6	1	2	0	0	1	1	0	0	0	0	3	1	10
M.Sc. (HS) Anthropology - 1	6	13	1	1	1	2	0	1	0	0	0	0	0	8	17
M.Sc. (HS) Anthropology - 2	14	17	1	5	1	2	1	5	0	0	0	0	1	17	30
Ph.D	3	3	0	2	0	0	0	0	0	0	0	0	0	3	5

### BIOCHEMISTRY

Program	General		SC		ST		OBC	PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
	B.Sc. (HS) BioChemistry - 1	3	9	1	2	2	0	1	0	0	0	0	0	1	7
B.Sc. (HS) BioChemistry - 2	1	7	1	2	0	2	0	3	0	0	0	0	0	2	14
B.Sc. (HS) BioChemistry - 3	6	11	2	4	0	0	0	1	0	0	0	0	1	9	17
M.Sc. (HS) BioChemistry - 1	3	12	1	2	0	0	0	3	0	0	1	0	0	1	18
M.Sc. (HS) BioChemistry - 2	1	14	0	3	0	0	1	0	0	0	0	0	2	2	19
Ph.D	1	5	0	0	0	0	0	2	0	1	0	0	0	1	8

### BIOPHYSICS

Program	General		SC		ST		OBC	PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
	B.Sc. (HS) Biophysics - 1	1	7	0	1	1	1	0	0	0	0	0	0	3	2
B.Sc. (HS) Biophysics - 2	1	2	1	1	1	0	0	1	0	0	0	0	3	3	7

Program	General		SC		ST		OBC	PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
	B.Sc. (HS) Biophysics - 3	6	8	1	4	1	0	0	1	0	0	0	0	0	2	8
M.Sc. (HS) Biophysics - 1	3	10	1	0	0	0	0	1	0	0	0	0	1	2	5	13
M.Sc. (HS) Biophysics - 2	0	5	1	1	0	0	0	1	0	0	0	0	1	0	2	7
Ph.D	1	3	0	0	0	0	0	0	0	0	0	0	0	0	1	3

### BIOTECHNOLOGY

Program	General		SC		ST		OBC	PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
	B.Sc. (Hons) Biotechnology - 1	3	5	2	0	0	1	0	1	0	0	0	0	8	6	15
B.Sc. (Hons) Biotechnology - 2	0	5	0	1	0	1	1	0	0	0	0	0	2	5	3	12
B.Sc. (Hons) Biotechnology - 3	4	4	1	1	0	1	0	1	0	0	0	0	1	8	6	15
M.Sc. (HS) Biotechnology - 1	5	7	0	2	0	1	1	0	0	0	0	0	2	7	8	17
M.Sc. (HS) Biotechnology - 2	3	7	0	3	0	0	1	0	0	0	0	0	0	7	4	17
Ph.D	3	6	0	1	0	0	1	0	0	0	0	0	0	0	4	7

### BOTANY

Program	General		SC		ST		OBC	PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
	B.Sc. (HS) Botany - 1	3	11	0	2	0	2	0	1	0	0	0	0	0	0	3
B.Sc. (HS) Botany - 2	4	5	2	0	0	1	0	1	0	0	0	0	0	0	6	7
B.Sc. (HS) Botany - 3	4	13	1	2	2	0	0	1	0	0	0	0	0	0	7	16
M.Sc. (HS) Botany - 1	5	28	2	3	0	2	0	2	0	0	0	0	0	0	7	35
M.Sc. (HS) Botany - 2	3	33	3	4	0	2	0	2	0	0	0	0	0	0	6	41
Ph.D	1	11	0	2	0	1	0	0	0	0	0	0	0	0	1	14



## CHEMISTRY

Program	General		SC	ST	OBC			PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
	B.Sc. (HS) Chemistry - 1	7	17	4	4	0	2	2	0	1	0	0	0	1	6	15
B.Sc. (HS) Chemistry - 2	9	15	0	4	1	2	1	0	2	0	0	1	5	4	18	26
B.Sc. (HS) Chemistry - 3	7	24	4	4	0	2	2	1	0	1	0	3	4	9	17	44
M.Sc. (HS) Chemistry - 1	6	19	1	4	0	3	0	3	0	1	0	0	3	13	10	43
M.Sc. (HS) Chemistry - 2	10	21	5	5	0	1	1	2	0	0	0	0	4	10	20	39
Ph.D	4	17	0	1	1	1	0	2	0	0	0	0	0	0	5	21

## COMPUTER SCIENCE & APPLICATIONS

Program	General		SC	ST	OBC			PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
	M.Sc. (HS) Computer Science - 1	7	2	0	1	0	0	0	0	0	0	0	0	0	2	7
M.Sc. (HS) Computer Science - 2	3	4	2	1	0	0	0	0	0	0	0	0	1	1	6	6
MCA (Evening) - 1	19	23	2	4	0	1	0	0	0	0	0	0	4	1	25	29
MCA (Evening) - 2	11	22	5	0	0	0	1	2	0	0	0	0	2	4	19	28
MCA (Evening) - 3	16	22	4	1	0	0	2	0	0	0	0	0	3	2	25	25
MCA (Morning) - 1	9	15	2	3	1	2	1	1	0	0	0	0	2	7	15	28
MCA (Morning) - 2	9	13	4	4	0	0	1	2	1	1	2	0	2	6	19	26
MCA (Morning) - 3	10	19	1	5	1	1	1	1	1	0	0	0	0	0	14	27
Ph.D	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3

## ENVIRONMENT STUDIES

Program	General		SC	ST	OBC			PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
	M.Sc. (Environment Science) - 1	1	8	2	1	0	3	0	1	0	1	0	0	0	0	3
M.Sc. (Environment Science) - 2	0	11	1	1	2	0	0	1	0	0	0	0	2	2	5	15

## GEOLOGY

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	B.Sc. (HS) Geology - 1	5	9	3	1	0	2	0	1	0	0	0	0	1	5	9
B.Sc. (HS) Geology - 2	3	4	0	0	0	0	0	2	0	0	0	0	0	0	3	6
B.Sc. (HS) Geology - 3	9	12	2	2	2	0	0	2	0	0	0	0	4	4	17	20
M.Sc. (HS) Geology - 1	7	9	1	2	0	1	0	1	0	0	0	0	1	0	9	13
M.Sc. (HS) Geology - 2	9	8	1	3	1	1	1	0	0	0	0	0	2	1	14	13
Ph.D	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0

## INSTITUTE OF FORENSIC SCIENCE & CRIMINOLOGY

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	M.Sc. (Forensic Sc. & Criminology) - 1	3	13	2	1	0	1	1	0	0	0	0	0	2	1	8
M.Sc. (Forensic Sc. & Criminology) - 2	1	12	0	2	0	1	1	0	1	0	0	0	2	2	5	17
Ph.D	0	1	2	0	0	0	0	0	0	0	0	0	0	0	2	1

## MATHEMATICS

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	B.Sc. (Honours) Maths & Computing CBCS - 1	4	5	2	0	0	1	1	0	0	1	0	0	2	4	9
B.Sc. (Honours) Maths & Computing CBCS - 2	1	5	0	2	0	1	0	0	0	0	0	0	1	4	2	12
B.Sc. (Honours) Maths CBCS - 1	9	10	2	4	1	1	0	2	0	0	0	0	2	7	14	24
B.Sc. (Honours) Maths CBCS - 2	5	11	3	6	0	1	1	1	0	1	0	0	2	3	11	23
B.Sc. (Honours) Maths CBCS - 3	12	8	3	3	2	0	1	1	0	0	1	0	4	7	23	19
M.Sc. (Honours) Maths CBCS - 1	14	27	9	4	0	2	0	3	4	0	0	0	2	11	29	47
M.Sc. (Honours) Maths CBCS - 2	8	24	3	3	2	2	0	3	1	1	0	0	2	9	16	42
Ph.D	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1

## MICROBIOLOGY

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	B.Sc. (HS) Microbiology - 1	10	8	0	4	0	2	1	1	0	0	0	0	4	6	15
B.Sc. (HS) Microbiology - 2	0	13	0	1	0	2	0	1	0	0	0	0	1	5	1	22
B.Sc. (HS) Microbiology - 3	0	16	1	4	1	0	0	1	0	0	0	0	2	5	4	26
M.Sc. (HS) Microbiology - 1	3	13	1	2	0	2	0	1	1	0	0	0	1	3	6	21
M.Sc. (HS) Microbiology - 2	0	11	1	3	0	3	0	1	0	0	0	0	0	9	1	27
Ph.D	0	6	0	0	0	0	0	1	0	0	0	0	0	0	0	7

## HUMAN GENOME STUDIES & RESEARCH

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	M.Sc. (Human Genomics) - 1	3	7	0	2	0	1	0	1	0	0	0	0	0	5	3
M.Sc. (Human Genomics) - 2	1	8	0	1	0	1	0	1	0	0	0	0	0	5	1	16

## PHYSICS

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	B.Sc. (HS) (Physics & Electronics) - 1	9	4	2	1	1	1	0	1	1	0	0	0	2	4	15
B.Sc. (HS) (Physics & Electronics) - 2	3	2	2	0	1	0	0	0	1	0	0	0	1	3	8	5
B.Sc. (HS) (Physics & Electronics) - 3	5	8	2	1	1	1	1	0	0	0	0	0	1	5	10	15
B.Sc. (HS) Physics - 1	11	16	3	3	2	1	2	0	0	0	0	0	3	4	21	24
B.Sc. (HS) Physics - 2	8	14	4	1	1	1	0	2	1	0	2	0	3	4	19	22
B.Sc. (HS) Physics - 3	11	11	3	4	1	1	1	1	1	0	0	0	3	7	20	24
M.Sc. (HS) Physics - 1	16	31	7	4	1	4	5	1	0	0	0	0	4	5	33	45
M.Sc. (HS) Physics - 2	12	30	7	3	2	3	1	2	0	1	0	0	10	11	32	50
M.Sc. (HS) Physics & Electronics - 1	9	9	3	2	1	0	1	0	0	0	0	0	0	5	14	16
M.Sc. (HS) Physics & Electronics - 2	3	14	3	2	0	2	1	1	0	0	0	0	2	5	9	24

### STATISTICS

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	M.Sc. (Statistics) - 1	7	13	3	3	0	0	0	2	0	0	0	0	2	6	12
M.Sc. (Statistics) - 2	3	23	1	3	1	0	1	1	0	0	0	0	0	0	6	27
Ph.D	1	4	1	0	0	0	0	0	0	0	0	0	0	0	2	4

### UNIVERSITY INSTITUTE OF FASHION TECHNOLOGY & VOCATIONAL DEVELOPMENT

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	B.Sc. (Fashion and Lifestyle Technology) - 1	2	29	1	1	0	0	0	2	0	0	0	0	0	6	3
B.Sc. (Fashion and Lifestyle Technology) - 2	0	27	0	3	0	0	1	1	0	0	0	0	0	3	1	34
B.Sc. (Fashion and Lifestyle Technology) - 3	3	27	0	3	0	0	0	1	0	1	0	0	0	3	3	35
M.Sc. (Fashion & Lifestyle Technology) - 1	0	9	1	0	0	0	1	1	0	0	0	0	0	1	2	11
M.Sc. (Fashion & Lifestyle Technology) - 2	0	17	1	2	0	0	0	0	0	0	0	0	0	0	1	19
Ph.D	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2

### ZOOLOGY

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	B.Sc. (HS) Zoology - 1	1	11	1	2	0	2	0	0	0	0	0	0	0	2	2
B.Sc. (HS) Zoology - 2	0	9	1	1	0	1	0	1	0	0	0	0	1	2	2	14
B.Sc. (HS) Zoology - 3	2	14	2	2	0	1	0	1	0	0	0	0	3	4	7	22
MSc (Zoology) - 1	2	16	1	5	0	2	1	0	0	1	0	0	1	13	5	37
MSc (Zoology) - 2	1	16	0	5	0	2	1	1	0	0	0	0	0	10	2	34
Ph.D	1	4	0	0	0	0	0	0	0	0	0	0	0	0	1	4

### MEDICAL PHYSICS

Program	General	SC	ST	OBC	PWD (Persons With Disabilities)				Foreign + NRI Students		Others		Total		
					M	F	M	F	M	F	M	F	M	F	
					M.Sc. (Medical Physics) - 1	0	4	1	3	0	0	2	0	0	0
M.Sc. (Medical Physics) - 2	0	5	1	1	1	0	0	1	0	1	0	0	0	3	7
M.Sc. (Medical Physics) - 3	1	3	0	2	1	0	1	1	0	0	2	0	0	3	8
Ph.D	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2

### MICROBIAL BIOTECHNOLOGY

Program	General	SC	ST	OBC	PWD (Persons With Disabilities)				Foreign + NRI Students		Others		Total		
					M	F	M	F	M	F	M	F	M	F	
					M.Sc. (Microbial Biotechnology) - 1	1	13	1	3	0	1	0	1	0	0
M.Sc. (Microbial Biotechnology) - 2	0	17	1	3	1	0	2	1	0	0	0	0	0	4	21

### CENTRE FOR NANO SCIENCE AND NANO TECHNOLOGY

Program	General	SC	ST	OBC	PWD (Persons With Disabilities)				Foreign + NRI Students		Others		Total	
					M	F	M	F	M	F	M	F	M	F
					M.Tech. (Nanoscience and Nanotechnology) - 1	3	2	0	0	0	0	0	0	0
M.Tech. (Nanoscience and Nanotechnology) - 2	7	2	1	0	0	0	1	0	0	0	0	0	9	2

### CENTRE FOR NUCLEAR MEDICINE

Program	General	SC	ST	OBC	PWD (Persons With Disabilities)				Foreign + NRI Students		Others		Total	
					M	F	M	F	M	F	M	F	M	F
					M.Sc. (Nuclear Medicine) - 1	0	5	0	2	0	1	0	1	0
M.Sc. (Nuclear Medicine) - 2	0	3	2	0	0	1	0	1	0	0	0	1	2	6
Ph.D	1	0	0	0	0	0	0	0	0	0	0	0	1	0

### CENTRE FOR PUBLIC HEALTH

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	Master in Public Health - 1	1	12	2	1	0	1	1	0	0	0	1	0	2	2	7
Master in Public Health - 2	1	13	1	2	0	1	0	1	1	0	2	1	0	6	5	24

### CENTRE FOR STEM CELL TISSUE ENGINEERING & BIOMEDICAL EXCELLENCE

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	M.Sc. (Stem Cell and Tissue Engineering) - 1	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0
M.Sc. (Stem Cell and Tissue Engineering) - 2	1	12	0	1	0	0	0	0	0	0	0	0	0	0	2	13
Ph.D	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1

### CENTRE FOR SYSTEM BIOLOGY & BIOINFORMATICS

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	M.Sc. (System Biology & Bioinformatics) - 1	1	9	0	3	0	0	0	0	0	0	0	0	0	1	1
M.Sc. (System Biology & Bioinformatics) - 2	0	10	1	1	0	0	0	1	0	0	0	0	0	0	1	12
Ph.D	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1

### EVENING STUDIES

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	B.A. (Bachelor of Arts) - 1	23	30	43	13	5	11	20	15	1	0	0	0	4	17	96
B.A. (Bachelor of Arts) - 2	53	38	33	10	2	3	14	15	1	0	0	0	5	5	108	71
B.A. (Bachelor of Arts) - 3	46	20	30	21	13	2	17	7	2	1	0	0	2	5	110	56
B.Com. (Bachelor of Commerce) - 1	10	15	1	9	1	3	2	2	0	1	0	0	2	7	16	37

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	B.Com. (Bachelor of Commerce) - 2	13	18	3	7	0	2	0	4	1	0	0	0	9	9	26
B.Com. (Bachelor of Commerce) - 3	9	21	7	6	3	2	4	3	0	0	0	0	1	11	24	43
M.A. (Economics) - 1	10	16	1	3	1	0	4	1	0	0	0	0	1	4	17	24
M.A. (Economics) - 2	13	26	6	3	0	0	3	1	0	0	0	0	1	1	23	31
M.A. (English) - 1	24	17	5	3	0	0	5	1	0	0	0	0	0	6	34	27
M.A. (English) - 2	9	21	2	5	0	0	2	1	0	0	0	0	1	0	14	27
M.A. (History) - 1	8	7	5	2	3	2	3	0	0	0	0	0	2	0	21	11
M.A. (History) - 2	6	7	0	1	1	0	0	0	0	0	0	0	0	0	7	8
M.A. (Political Science) - 1	19	16	3	3	0	0	8	3	0	0	0	0	3	1	33	23
M.A. (Political Science) - 2	16	9	9	6	0	0	3	0	0	0	0	0	0	1	28	16
M.A. (Punjabi) - 1	7	0	6	0	0	0	4	1	0	0	0	0	0	1	17	2
M.A. (Punjabi) - 2	1	1	1	2	0	0	0	0	0	0	0	0	0	0	2	3
Ph.D	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1

### UNIVERSITY SCHOOL OF OPEN LEARNING

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	Advance Diploma in Computer Applications - 1	34	25	7	4	0	0	2	0	0	0	0	0	0	0	43
Advance Diploma in Disaster Management and Corporate Security - 1	14	3	2	0	0	0	1	0	0	0	0	0	0	0	17	4
Advance Diploma in Educational Management and Leadership - 1	1	7	1	0	0	0	0	0	0	0	0	0	0	0	2	7
Advance Diploma in Guidance and Counselling - 1	10	47	2	3	0	2	1	7	0	0	0	0	0	0	14	61
Advance Diploma in Health Family Welfare and Population Education - 1	0	13	6	1	0	0	0	5	0	0	0	0	0	0	6	19

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	Advance Diploma in Human Rights and Duties - 1	17	14	0	5	0	0	0	0	0	0	0	0	0	0	17
Advance Diploma in Library Automation and Networking - 1	2	3	1	1	0	2	0	1	0	0	0	0	0	0	4	7
Advance Diploma in Mass Communication - 1	21	9	2	2	1	0	2	0	0	0	0	0	0	0	27	11
Advance Diploma in Photography - 1	8	2	1	0	0	0	2	0	1	0	0	0	0	0	12	2
Advance Diploma in Social Work - 1	5	17	8	1	0	0	2	0	0	1	0	0	0	0	15	21
Advance Diploma in Statistics - 1	14	24	2	1	0	0	1	0	0	0	0	0	0	0	19	25
B.A. - 1	1155	402	221	181	20	10	224	65	4	2	0	0	2	1	1641	667
B.A. - 2	995	307	182	142	15	7	201	56	5	0	0	0	16	0	1429	517
B.A. - 3	833	256	144	87	32	3	185	33	4	0	0	0	7	2	1209	388
B.Ed. - 1	100	171	84	66	57	27	69	68	4	1	0	0	4	1	318	337
B.Ed. - 2	109	134	89	59	61	22	57	40	7	2	0	0	4	1	329	258
B.Lib (Library and Information Science) - 1	11	18	17	15	0	1	9	3	1	0	0	0	0	0	40	37
Bachelors in Commerce - 1	378	270	42	36	1	1	37	47	1	0	0	0	0	1	465	358
Bachelors in Commerce - 2	346	198	29	28	3	1	25	48	0	0	0	0	2	0	411	279
Bachelors in Commerce - 3	298	236	34	22	2	0	27	16	1	1	0	0	0	1	363	279
Certificate course in Corporate Security, Safety and Fire Protection Management - 1	9	0	1	1	0	0	0	1	0	0	0	0	0	0	10	2
Certificate Course in Vivekananda Studies - 1	8	5	1	0	0	0	1	0	1	0	0	0	0	0	12	6
Certificate Course in Women Studies - 1	1	2	0	3	0	0	0	1	0	0	0	0	0	0	1	6



Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	M.A. (Economics) - 1	51	64	12	14	1	3	5	12	0	0	2	0	0	0	72
M.A. (Economics) - 2	38	95	7	14	2	2	5	7	0	0	0	0	0	0	53	119
M.A. (Education) - 1	1	25	0	0	0	0	1	0	0	0	0	0	0	0	2	25
M.A. (Education) - 2	1	13	1	3	0	0	3	0	0	0	0	0	0	0	5	16
M.A. (English) - 1	88	201	22	29	4	3	11	16	0	1	0	0	0	1	126	251
M.A. (English) - 2	46	175	10	18	0	3	6	16	0	0	0	0	0	0	64	213
M.A. (Hindi) - 1	3	11	9	14	0	1	1	7	1	0	0	0	0	0	14	33
M.A. (Hindi) - 2	4	19	3	15	0	0	1	5	0	0	0	0	0	0	8	39
M.A. (History) - 1	55	31	14	18	2	2	14	3	1	0	0	0	1	0	89	55
M.A. (History) - 2	42	26	19	23	9	0	17	5	0	0	0	0	0	0	89	54
M.A. (Political Science) - 1	117	76	25	28	6	9	17	7	0	0	0	0	0	0	167	120
M.A. (Political Science) - 2	88	55	28	30	2	3	16	9	0	0	0	0	0	1	136	101
M.A. (Public Administration) - 1	37	48	8	8	5	4	3	8	1	0	0	0	0	0	54	68
M.A. (Public Administration) - 2	45	27	5	5	2	0	4	5	0	0	0	0	0	0	58	38
M.A. (Punjabi) - 1	24	31	14	28	0	0	6	8	0	0	0	0	0	0	46	67
M.A. (Punjabi) - 2	14	19	14	20	0	0	7	6	0	0	0	0	0	1	35	46
M.A. (Sociology) - 1	97	103	19	41	3	1	14	10	0	1	0	0	0	1	135	158
M.A. (Sociology) - 2	79	104	18	30	1	4	11	8	0	0	0	0	0	0	112	146
M.B.A. (Executive) - 1	152	81	12	9	1	1	5	1	0	0	0	0	1	0	171	92
M.B.A. (Executive) - 2	154	112	12	5	3	1	6	3	1	0	0	0	0	2	176	124
Masters in Commerce - 1	100	261	31	72	3	5	13	45	1	1	0	0	0	0	151	387
Masters in Commerce - 2	99	326	34	75	3	5	22	49	1	2	0	0	1	1	162	469

**P.U. REGIONAL CENTRE, LUDHIANA**

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	B.A. LL.B. (Hons.) - 1	21	16	7	7	0	0	2	1	1	0	0	0	2	4	33
B.A. LL.B. (Hons.) - 2	9	27	5	8	0	0	0	3	0	0	0	0	5	3	19	41
B.A. LL.B. (Hons.) - 3	17	22	3	9	0	0	1	2	0	0	1	1	4	2	26	36
B.A. LL.B. (Hons.) - 4	19	21	6	8	0	0	2	1	1	0	0	0	1	1	29	31
B.A. LL.B. (Hons.) - 5	22	24	2	6	0	0	0	3	2	0	0	0	1	0	27	33
LL.B. - 1	15	21	4	8	0	0	1	2	0	1	0	0	1	2	21	34
LL.B. - 2	21	25	9	3	1	0	1	2	0	0	0	0	0	0	32	30
LL.B. - 3	22	19	7	2	0	0	0	2	0	0	0	0	0	0	29	23
LL.M. - 1	0	5	0	1	0	0	0	0	0	0	0	0	0	0	0	6
LL.M. - 2	3	9	0	0	0	0	0	0	0	0	0	0	0	0	3	9
M.B.A - 1	5	2	0	0	0	0	0	0	0	0	0	0	0	0	5	2
M.B.A - 2	9	14	0	0	0	0	0	0	1	0	0	0	0	0	10	15

**P.U. REGIONAL CENTRE, MUKTSAR**

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	LL.B. - 1	34	9	2	2	0	0	2	0	0	0	0	0	0	0	38
LL.B. - 2	34	9	5	3	0	0	1	1	34	6	0	0	0	0	74	19
LL.B. - 3	31	8	3	1	0	0	1	1	0	0	0	0	0	0	35	10
M.A. (ECONOMICS) - 1	0	2	3	2	0	0	1	0	0	0	0	0	0	0	4	4
M.A. (ECONOMICS) - 2	2	2	0	3	0	0	1	0	0	0	0	0	0	0	3	5
M.A. (English) - 1	0	5	2	0	0	0	1	1	0	0	0	0	0	0	3	6
M.A. (English) - 2	4	4	1	3	0	0	0	1	0	0	0	0	0	0	5	8
M.A. (POL SCIENCE) - 1	1	2	3	6	0	0	0	0	0	0	0	0	0	0	4	8
M.A. (POL SCIENCE) - 2	0	3	2	5	0	0	0	0	0	0	0	0	0	0	2	8
M.A. (Punjabi) - 1	1	2	3	9	0	0	0	0	1	0	0	0	0	0	5	11
M.A. (Punjabi) - 2	2	1	5	11	0	0	0	0	0	0	0	0	0	0	7	12

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
M.Phil. (Political Science) - 1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1
M.Phil. (Punjabi) - 1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1
Masters of Computer Application - 1	6	3	0	2	0	0	1	0	0	0	0	0	0	0	7	5
Masters of Computer Application - 2	7	4	1	4	0	0	0	1	0	0	0	0	0	0	8	9
Masters of Computer Application - 3	2	4	4	3	0	0	1	1	0	0	0	0	0	0	7	8
Ph.D	0	0	1	0	0	0	0	0	0	0	0	0	-	-	1	0

**PANJAB UNIVERSITY RURAL CENTRE, KAUNI, (SRI MUKTSAR SAHIB)**

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Bachelor in Commerce - 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bachelor in Commerce - 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bachelor in Commerce - 3	1	1	0	4	0	0	0	1	0	0	0	0	0	0	1	6
Bachelor of Arts - 1	16	4	93	55	0	0	5	0	0	0	0	0	0	0	114	59
Bachelor of Arts - 2	4	2	19	21	0	0	2	2	0	0	0	0	0	0	25	25
Bachelor of Arts - 3	2	2	14	13	0	0	0	2	0	0	0	0	0	0	16	17
Bachelors in Business Applications - 1	2	0	0	3	0	0	1	0	0	0	0	0	0	0	3	3
Bachelors in Business Applications - 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bachelors in Business Applications - 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Post Graduate Diploma in Computer Applications - 1	3	1	6	0	0	0	0	0	0	0	0	0	0	0	9	1

**P.U. SWAMI SARVANAND GIRI REGIONAL CENTRE, HOSHIARPUR**

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
B.A. LL.B (HS) - 1	12	23	6	8	0	0	1	1	0	0	1	1	0	5	20	38
B.A. LL.B (HS) - 2	9	20	5	9	0	0	1	1	0	0	0	0	3	4	18	34
B.A. LL.B (HS) - 3	11	16	6	7	0	0	1	2	0	0	1	0	3	6	22	31
B.A. LL.B (HS) - 4	18	13	6	12	0	0	2	1	0	0	0	0	1	0	27	26
B.A. LL.B (HS) - 5	16	17	6	7	0	0	0	0	0	0	0	0	0	0	22	24
B.E. (CSE) - 1	24	4	8	0	3	0	3	0	0	0	0	0	8	2	48	7
B.E. (CSE) - 2	30	8	7	0	2	1	2	0	0	0	0	0	7	2	50	11
B.E. (CSE) - 3	27	6	5	4	2	0	2	1	0	0	0	0	6	3	45	14
B.E. (CSE) - 4	30	10	4	2	0	1	3	0	0	0	0	0	2	2	41	16
B.E. (ECE) - 1	21	7	4	1	3	0	3	0	0	0	0	0	2	0	35	9
B.E. (ECE) - 2	34	2	4	1	2	0	2	0	0	0	0	0	1	2	45	5
B.E. (ECE) - 3	24	5	2	0	1	0	1	2	0	0	0	0	1	0	31	7
B.E. (ECE) - 4	4	3	0	0	0	0	0	0	0	0	0	0	0	0	6	3
B.E. (Information Technology) - 1	27	3	6	1	3	0	2	1	0	0	0	0	4	4	44	9
B.E. (Information Technology) - 2	32	3	9	0	1	0	2	1	0	0	0	0	4	2	50	7
B.E. (Information Technology) - 3	30	6	5	5	0	0	3	0	0	0	0	0	1	1	42	12
B.E. (Information Technology) - 4	8	7	0	0	0	0	1	0	0	0	0	0	0	0	10	8
B.E. (Mechanical Engineering) - 1	20	5	4	1	0	0	2	0	0	0	0	0	0	0	29	6
B.E. (Mechanical Engineering) - 2	30	1	0	0	0	0	0	0	0	0	0	0	0	0	32	1
B.E. (Mechanical Engineering) - 3	32	0	1	0	0	0	1	0	0	0	0	0	0	0	37	0
B.E. (Mechanical Engineering) - 4	10	1	0	1	0	0	1	0	0	0	0	0	0	0	12	2
Bachelor of Legislative Law - 1	18	24	4	1	0	0	0	0	0	0	0	0	2	0	24	25

Program	General		SC		ST		OBC		PWD (Persons With Disabilities)		Foreign + NRI Students		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Bachelor of Legislative Law - 2	18	13	4	3	0	0	1	1	0	0	0	0	1	4	24	21
Bachelor of Legislative Law - 3	16	20	6	5	0	0	1	0	0	0	0	0	2	2	25	27
LLM 1 Year - 1	5	9	1	2	0	0	0	1	1	0	0	0	1	3	8	15
Master of Computer Applications - 1	9	7	1	2	0	0	0	0	0	0	0	0	0	0	10	9
Master of Computer Applications - 2	9	5	0	0	0	0	1	0	0	0	0	0	1	1	11	6
Master of Computer Applications - 3	12	13	0	0	0	0	2	1	0	0	0	0	0	1	14	15

## ANCIENT INDIAN HISTORY, CULTURE & ARCHAEOLOGY

### SUMMARY OF PUBLICATIONS

The Department was established in 1961. Since then it has been actively engaged in both teaching and research. We are running MA, M.Phil, Ph.D Course in the Department. Explorations and excavations are back bone of this discipline. The Department provides practical training to the budding archaeologists through field work. The main sites excavated by the Department are Sugh near Jagadhari, Mitathal in Hissar, Mahorana in Sangrur and Pallanpur in Roopnagar. The Department has an excellent collection of antiquities in the Museum both for teaching and research. Organizing Seminars and lectures on significant and emerging trends in the discipline is the rich tradition of the Department. The Department is committed to the vision of comprehending past with rationality, objectivity and critical perspective.

### PUBLICATIONS

#### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
NIL			

#### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
NIL				

#### DETAILS OF PUBLICATIONS

Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### DETAILS OF PUBLICATIONS

Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### Summary of Research Publications July 1, 2021 to June 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
NIL						

### RESEARCH SCHEMES

Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration (in years)	Principal Investigator and Research Team
Chandigarh Commission for Protection of Child Rights	Impact of tobacco sale outside the school in children and Hooka bars on adolescents in Chandigarh	50000	50000	Minor	2021 - 2022	Prof. Paru Bal Sidhu

### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT

Details of Seminars, Conferences, and Workshops organized during the Academic Year

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Human Evolution in Global Perspective &	2021-09-10	2021-09-10	Dept. of AIHC&A, Panjab	40

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
The Role of India			University	
Stone Tools & Other Prehistoric Technologies (Status & Debates)	2021-09-11	2021-09-11	Depat. Of AIHC&A, Panjab University	40
Archaeobotany How Seeds Can Help Us Think About the Past: Diet, Environment & Climate in the Indus Civilization	2021-09-16	2021-09-16	Dept. Of AIHC&A, Panjab University	45
Understanding Gender: The Notion and the Way Forward	2022-04-28	2022-04-28	Dept. of AIHC&A, Panjab University	40
Shaheed-E-Azam Bhagat Singh and His Co-Patriots; Builders of the Youth Movement	2021-08-27	2021-08-27	Dept. of AIHC&A	100
Relevance of Museum in the Digital Age	2021-07-15	2021-07-15	Department of Geology, AIHC&A, Art History & Visual Arts, Botany, Anthropology and Zoology, Panjab University	100

### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

#### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S. no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Department of Ancient Indian History, Culture & Archaeology	Prof. Paru Bal Sidhu	History and Archaeology: Exploring recent Trends, Patterns and Contribution	conference	Others	International	Asiatic Society for Social Science Research	07/01/2022	09/01/2022	Asiatic Society for Social Science Research
2	Department of Ancient Indian History, Culture & Archaeology	Prof. Paru Bal Sidhu	Punjab History Conference	conference	Others	National	Punjabi University, Patiala	06/05/2022	08/05/2022	Punjabi University, Patiala
3	Department of Ancient Indian History, Culture & Archaeology	Prof. Renu Thakur	fifty-fourth session of Punjab History Conference, Patiala	conference	Academic and Research Event	National	Patiala	25/02/2022	27/02/2022	Punjabi University
4	Department of Ancient Indian History, Culture & Archaeology	Prof. Renu Thakur	Multidisciplinary and Holistic Education'	webinar	Others	National	online	02/08/2021	02/08/2021	Panjab University
5	Department of Ancient Indian History, Culture & Archaeology	Prof. Renu Thakur	Marginalized: Continuities and Changes'	other	Faculty Development Programme	University	Panjab University	02/03/2022	08/03/2022	Punjabi University
6	Department of Ancient Indian History, Culture & Archaeology	Prof. Renu Thakur	NSS camp	Professional Development Programmes	Others	University	Chnadigarh	23/03/2022	29/03/2022	Panjab University
7	Department of Ancient Indian History, Culture &	Prof. Renu Thakur	SICI Canada open discussion	other	Others	International	ONLINE	27/06/2022	27/06/2022	SICI Canada

S. no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
	Archaeology									
8.	Department of Ancient Indian History, Culture & Archaeology	Prof. Paru Bal Sidhu	Documentation of Malerkotla's Architectural Heritage: Roal Map for Conservation	conference	Academic and Research Event	National	Punjabi University, Patiala	07/05/2022	07/05/2022	Punjabi University, Patiala
9	Department of Ancient Indian History, Culture & Archaeology	Prof. Paru Bal Sidhu	International Conference on "Walking with River Saresvati:- Recent Historical Cultural and Scientific Findings	conference	Academic and Research Event	International	Panjab University	04/02/2022	04/02/2022	Dept. of History, Panjab University, Chandigarh
10	Department of Ancient Indian History, Culture & Archaeology	Prof. Paru Bal Sidhu	Relevance of Museums in the Digital Age	webinar	Others	National	Online	15/07/2021	15/07/2021	Department of AIHC&A, Geology, Anthropology, Art History and Visual Arts, Botany and Zoology
11	Department of Ancient Indian History, Culture & Archaeology	Prof. Paru Bal Sidhu	Shaheed-E-Azam Bhagat Singh and His Co-Patriots: Builders of the Youth Movement	webinar	Others	National	Online	27/08/2021	27/07/2021	Department of AIHC&A
12	Department of Ancient Indian History, Culture & Archaeology	Prof. Paru Bal Sidhu	Human Evolution in Global Perspective & The Role of India	other	Others	National	Panjab University	10/09/2021	10/09/2021	Department of AIHC&A
13	Department of Ancient Indian History, Culture & Archaeology	Prof. Paru Bal Sidhu	Stone Tools & Other Prehistoric Technologies (Status & Debates)	other	Others	National	Panjab University	11/09/2021	11/09/2021	Department of AIHC&A, Panjab University
14	Department of Ancient Indian History, Culture & Archaeology	Prof. Paru Bal Sidhu	How Seeds Can Help us About The Past: Diet, Environment & Climate in The Indus Civilization	webinar	Others	International	Panjab University	16/09/2021	16/09/2021	Department of AIHC&A, Panjab University
15	Department of Ancient Indian History, Culture & Archaeology	Prof. Paru Bal Sidhu	Understanding Gender: The Notion and The Way Forward	other	Others	National	Panjab University	28/04/2022	28/04/2022	Department of AIHC&A, Panjab University

#### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
NIL					

#### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
1	Department of Ancient Indian History, Culture & Archaeology	Refer to the Departmental Profile Section



**1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities**

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
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NIL

**2. Details of Collaborative activities**

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
1	Department of Ancient Indian History, Culture & Archaeology	Relevance of Museums in the Digital Age	Department of Geology, Anthropology, Art History & Visual Arts, Botany and Zoology, Panjab University, Chandigarh	Sh. Shakti Sinha, Chairpersons and faculty members , Department of AIHC&A, Geology, Anthropology, Art History and Visual Arts, Botany and Zoology, Panjab University	15/07/2021	National	Webinar	NA	15/07/2021

**3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022**

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	12	0	12
Class rooms	2	0	2
Class rooms with Wifi/LAN facility	2	0	2
Class rooms with ICT facility (LCD/Projector)	1	0	1
No. of Research Labs	1	0	1
No. of Computer labs	0	0	0
Video Centre	0	0	0
Seminar Halls with ICT facility	0	0	0
Seminar Halls	0	0	0
No. of important equipments purchased ( $\geq$ 10 lakh) during the current year.	0	0	0

**4. Details of Extracurricular Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
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NIL

**5. Activities to celebrate / organize national and international commemorative days, events and festivals**

Title of Event	From Date	To Date
National Tourism Day celebrate	25/01/2022	25/01/2022
Celebrate World Environment Day	06/06/2022	06/06/2022

**6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
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NIL

**7. Number of Patents Published/Awarded**

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
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NIL

**8. Revenue generated through consultancy**

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
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NIL

**CENTRE FOR THE STUDY OF SOCIAL EXCLUSION AND INCLUSIVE POLICY****SUMMARY OF PUBLICATIONS****PUBLICATIONS****DETAILS OF PUBLICATIONS****(Books/ Reference General/ Book Chapter/ Book Edited)**

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
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NIL

**DETAILS OF PUBLICATIONS****(Research Papers/ Review Article/ Editorial Article in Referred Journal)**

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
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NIL

**DETAILS OF PUBLICATIONS****Full Papers Published in Proceedings of Conferences**

Name of Author	Title of the Paper	ISSN Number	Publisher
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NIL

**DETAILS OF PUBLICATIONS****Articles Published in Newspapers**

Name of Author	Title of the Paper	ISSN Number	Publisher
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NIL

**Summary of Research Publications July 1, 2021 to June 30, 2022**

S.no	Department	Type of Journal	International	National	Others	Total
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NIL

**RESEARCH SCHEMES**

Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration(in years)	Principal Investigator and Research Team
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NIL

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT**

**Details of Seminars, Conferences, and Workshops organized during the Academic Year**

<b>Title of the Event</b>	<b>From Date</b>	<b>To Date</b>	<b>Name of Coordinator / Convener</b>	<b>Number of Participants</b>
Empower women to empower India	2021-12-06	2021-12-06	csseip	35
Understanding Migration in context Marginalized Groups	2021-12-17	2021-12-17	csseip	33
Social Exclusion Exploitation and Mirginalization	2021-12-24	2021-12-24	csseip	27
Role of Pir in Community Assertion:A Case Study of Bibi Channi Shah of Sofi Pind(Jalandhar)	2021-12-31	2021-12-31	csseip	36
Gender Sensitization: Need of an Hour in today's Scenario	2022-01-07	2022-01-07	csseip	28
Cornona Kal Visthapan and Hindi Poetry	2022-01-14	2022-01-14	csseip	25
Migration and Social Issues in India	2022-01-21	2022-01-21	csseip	30
Pravasi Majdooor k Bacho Pr corona mahamari k prabhv k yatharat	2022-01-28	2022-01-28	csseip	26
Inclusion & Social Well being: Development & Issues	2022-02-04	2022-02-04	csseip	20
Eduactional Status of Muslim Community: A Research	2022-02-11	2022-02-11	csseip	30
Women During Pandemic in India: An impact study need to Reboot the Policies	2022-02-18	2022-02-18	CSSEIP	21
Exclusion and Regional Development: Experiences and Challenges	2022-02-25	2022-02-25	CSSEIP	20
Deconstructing Femininty in Medieval Devotional Literature:New Perspective	2022-03-04	2022-03-04	CSSEIP	17
Violence, Power & Politics: An Epistemological Analysis	2022-03-11	2022-03-11	CSSEIP	18
Inclusion of culturally disparate Marriage Migrants in Julana Block: A Geographically Study	2022-04-01	2022-04-01	CSSEIP	17
India's covid-19 Diplomacy: An Inclusive Response to the Pandemic	2022-04-08	2022-04-08	CSSEIP	15
Reasons and Remedies of Social Exclusion: An Ambedkarite Perspective	2022-04-15	2022-04-15	CSSEIP	19
The Indian Context of Social Exclusion: An Understanding and Chanlleges for Inclusion	2022-04-22	2022-04-22	CSSEIP	18
Travails of hands that fed us:A case study of domestic helps during pandemic	2022-05-13	2022-05-13	CSSEIP	12

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY**

**3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022**

<b>S.no</b>	<b>Department</b>	<b>Name</b>	<b>Title of event</b>	<b>Type</b>	<b>Special Category</b>	<b>Level</b>	<b>Place</b>	<b>From Date</b>	<b>To Date</b>	<b>Organized By</b>
NIL										

**Ph.D. Awards**

**Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022**

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	Centre for the Study of Social Exclusion and Inclusive Policy	Parambeer Kaur Brar	Prenatal and postnatal care of women: A sociological study of Fatehgarh sahib district	2021-10-25	Dr Kanchan

**MISCELLANEOUS**

Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
NIL		

**1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities**

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
NIL							

**2. Details of Collaborative activities**

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
NIL									

NIL

**3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022**

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	0	0	0
Class rooms	0	0	0
Class rooms with Wifi/LAN facility	0	0	0
Class rooms with ICT facility (LCD/Projector)	0	0	0
No. of Research Labs	0	0	0
No. of Computer labs	0	0	0
Video Centre	0	0	0
Seminar Halls with ICT facility	0	0	0
Seminar Halls	0	0	0
No. of important equipments purchased (>= 10 lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0

**4. Details of Extracurricular Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

**5. Activities to celebrate / organize national and international commemorative days, events and festivals**

Title of Event	From Date	To Date
NIL		

**6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

**7. Number of Patents Published/Awarded**

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

**8. Revenue generated through consultancy**

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

**DEFENCE AND NATIONAL SECURITY STUDIES**

**SUMMARY OF PUBLICATIONS**

**PUBLICATIONS**

**DETAILS OF PUBLICATIONS**

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Jasakaran Waraich (2021)	Singh Kautilya's arthashastra - a jewel of Indian strategic culture; Gyan Chakra on Indian Strategic Thought; J.G.S Enterprises Pvt Ltd	978-81-949542-4-8	National

**DETAILS OF PUBLICATIONS**

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Jaskaran Waraich (2022)	Singh An analysis of Rohingya Migration crisis; The Journal of Oriental Research	0022-3301	Yes	The Kuppaswami Sastri Research Institute
Jaskaran Waraich (2022)	Singh Illegal cross border migration in india and its impact on india's national security; The Journal of Oriental Research	0022-3301	Yes	The Kuppaswami Sastri Research Institute

**DETAILS OF PUBLICATIONS**

Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
-	-	-	-

**DETAILS OF PUBLICATIONS**

Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
-	-	-	-

**SUMMARY OF RESEARCH PUBLICATIONS JULY 1, 2021 TO JUNE 30, 2022**

S.no	Department	Type of Journal	International	National	Others	Total
1	Department of Defence and National Security Studies	Peer Review Journals	0	2	0	2

S.no	Department	Type of Journal	International	National	Others	Total
2	Department of Defence and National Security Studies	Chapter in a book	0	1	0	1

## RESEARCH SCHEMES

### Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
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## SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT

### Details of Seminars, Conferences, and Workshops organized during the Academic Year

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Kargil Vijay Diwas	2021-07-26	2021-07-26	Department of Defence and National Security Studies	100
Asymmetric and Symmetric Threats and challenges in the Indian Ocean'	2021-09-17	2021-09-17	Department of Defence and National Security Studies	40
Afghanistan: The Taliban Takeover, Regional Powers And Implications For India	2021-09-22	2021-09-22	Department of Defence and National Security Studies	50
Understanding Pakistan's Nuclear Brinkmanship	2021-09-23	2021-09-23	Department of Defence and National Security Studies	40
India's National Security Futures'	2021-09-24	2021-09-24	Department of Defence and National Security Studies	60
Ukraine Crisis, Emerging World Order & Implications for India	2022-04-28	2022-04-28	Department of Defence and National Security Studies	70
Russia-Ukraine Crisis And Implication's For India	2022-05-13	2022-05-13	Department of Defence and National Security Studies	35
Multifaceted National Security	2022-06-02	2022-06-02	Department of Defence and National Security Studies	50
Defence and warfare : Emerging Paradigms	2022-06-08	2022-06-08	Department of Defence and National Security Studies	50
China's Land Boarder Law and Implications for India	2022-06-09	2022-06-09	Department of Defence and National Security Studies	50
India, Pakistan and Gulf: Diplomatic and Strategic Perspective	2022-06-10	2022-06-10	Department of Defence and National Security Studies	95
Internal Fault lines in Pakistan	2022-06-13	2022-06-13	Department of Defence and National Security Studies	40

## SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Department of Defence and National Security Studies	Jaskaran Singh Waraich	International E-Conference on Human Rights : Issues and Challenges	conference	Academic and Research Event	International	web portal	12/03/2022	12/03/2022	Chalisgaon Education Society

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
2	Department of Defence and National Security Studies	Jaskaran singh waraich	Crop residue management in India: strategies and challenges	workshop	Environment Awareness Event	National	Panjab University, Chandigarh	04/05/2022	04/05/2022	CHRD, PU CHD & Dept. of agriculture and farmers welfare ,Haryana
3	Department of Defence and National Security Studies	jaskaran singh waraich	counter terrorism expo 2022	symposium	Academic and Research Event	International	web portal	28/01/2022	30/01/2022	COVINTS

### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	Department of Defence and National Security Studies	Brig. Mandeep Singh	India's Policy And Structure For Defence Cooperation In South Asia: An Analytical Study	2021-08-09	Prof. Meena Dutta
2	Department of Defence and National Security Studies	Nishant Turan	The challenges of counter-naxal operations: a special reference to Chattisgarh	2021-10-29	Prof. Damodar Panda
3	Department of Defence and National Security Studies	David S Lengen	India-China Relations with special reference to Pakistan	2021-08-24	Prof Damodar Panda
4	Department of Defence and National Security Studies	S.Kamei	Counter-Insurgency In The State Of Manipur: A Critical Analysis Post Afspa Period	2022-03-17	Prof.Damodar Panda
5	Department of Defence and National Security Studies	Rajiv Chhiber	India's Indigenous Defence Industrial Base With Special Reference To The Role Of State Defence Production Agencies And Private Sector: Challenges & Prospects	2022-04-30	Prof. Rakesh Datta
6	Department of Defence and National Security Studies	Anuradha Choudhary	"Tibetans-in-exile: emerging challenges and its implications on india-china relations (a critical analysis)"	2022-02-22	Dr. Jaskaran Singh Waraich

### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement					
<b>1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities</b>							
SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
1	Department of Defence	SOP	Army Training	Department of Defence	01/07/2008	31/12/2022	National

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
	and National Security Studies		Command Shimla	and National National Security Studies			

## 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
1	Department of Defence and National Security Studies	Challenges For Indian Foreign Policy From The Recent Development In Afghanistan	Gyan Chakra Think Tank , Panchkula In Collaboration With Department Of Defence And National Security Studies Panjab University, Chandigarh	Faculty, research scholar and students	09/10/2021	National	webinar	0	09/10/2021
2	Department of Defence and National Security Studies	Multi-dimensional National Security	Department of Law, Panjab UNiversity, Chandigarh.	Faculty of Department of Law and Defence Studies Departments, Research Scholars and Students	02/06/2022	National	Special Lecture	0	02/06/2022
3	Department of Defence and National Security Studies	Capacity Building Program for Security Personnel of Panjab University	Centre for Police Administration, Panjab University	Training instructors and Security Personnel of Panjab university	26/09/2021	National	Training Program	0	30/10/2021
4	Department of Defence and National Security Studies	Capacity Building Program for Security Personnel of Panjab University	Centre for Police Administration, Panjab University	Training instructors and Security Personnel of Panjab university	09/11/2021	National	Training Program	0	13/11/2021
5	Department of Defence and National Security Studies	Capacity Building Program for Security Personnel of Panjab University	Centre for Police Administration, Panjab University	Training instructors and Security Personnel of Panjab university	23/11/2021	National	Training Program	0	27/11/2021

## 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022 Top of Form

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	10	0	10
Class rooms	2	0	2
Class rooms with Wifi/LAN facility	2	0	2



<b>Facilities</b>	<b>Existing</b>	<b>Newly Created/Added</b>	<b>Total</b>
Class rooms with ICT facility (LCD/Projector)	2	0	2
No. of Research Labs	0	0	0
No. of Computer labs	0	0	0
Video Centre	0	0	0
Seminar Halls with ICT facility	1	0	1
Seminar Halls	1	0	1
No. of important equipments purchased (>= 10 lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0

#### **4. Details of Extracurricular Activities during the Academic Year 2021 - 2022**

<b>Title</b>	<b>No. of participants (Students and Staff)</b>	<b>Venue</b>	<b>From Date</b>	<b>To Date</b>
NIL				

#### **5. Activities to celebrate / organize national and international commemorative days, events and festivals**

<b>Title of Event</b>	<b>From Date</b>	<b>To Date</b>
Kargil Vijay Diwas	26/07/2021	26/07/2021
Holi	18/03/2022	18/03/2022
World Earth Day	22/04/2022	22/04/2022
value ethics and morality	11/05/2022	11/05/2022
International Yoga Day	21/06/2022	21/06/2022

#### **6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022**

<b>Title</b>	<b>No. of participants (Students and Staff)</b>	<b>Venue</b>	<b>From Date</b>	<b>To Date</b>
NIL				

#### **7. Number of Patents Published/Awarded**

<b>SNo</b>	<b>Patent</b>	<b>Author</b>	<b>Date</b>	<b>Status</b>	<b>National/ International</b>	<b>Patent Number/ Application Number</b>
NIL						

#### **8. Revenue generated through consultancy**

<b>SNo</b>	<b>Name of Consultancy Project</b>	<b>Name of the Consultant</b>	<b>Consulting/Sponsoring Agency</b>	<b>Project Date</b>	<b>National/ International</b>	<b>Revenue Generated (INR)</b>
NIL						

### **DEPARTMENT CUM CENTRE FOR WOMEN STUDIES & DEVELOPMENT**

#### **SUMMARY OF PUBLICATIONS**

#### **PUBLICATIONS**

#### **DETAILS OF PUBLICATIONS**

(Books/ Reference General/ Book Chapter/ Book Edited)

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISBN Number</b>	<b>State/ National/ International</b>
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#### **DETAILS OF PUBLICATIONS**

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISSN Number</b>	<b>Peer Reviewed (Y/N)</b>	<b>Publisher</b>
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NIL

**DETAILS OF PUBLICATIONS****Full Papers Published in Proceedings of Conferences**

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

**DETAILS OF PUBLICATIONS****Articles Published in Newspapers**

Name of Author	Title of the Paper	ISSN Number	Publisher

**SUMMARY OF RESEARCH PUBLICATIONS JULY 1, 2021 TO JUNE 30, 2022**

S.no	Department	Type of Journal	International	National	Others	Total
NIL						

**RESEARCH SCHEMES****Sponsored Research Projects during the Academic Year 2021 - 2022**

Sponsor Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
NIL					

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT****Details of Seminars, Conferences, and Workshops organized during the Academic Year**

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Gender Equality Today For Sustainable Future Tomorrow	2022-03-08	2022-03-08	DCWSD & Centre For Human Rights And Duties	50

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY****3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022**

S. no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Department Cum Centre for Women Studies & Development	Dr. Rajesh K Chander	Women in Leadership: Achieving an Equal Future World	seminar	Academic and Research Event	National	Women Studies & Development Cell, Smt. Aruna Asaf Ali Govt. P.G. College, Kalka, Panchkula (Haryana) & Youth Red Cross Unit	07/03/2022	07/03/2022	Women Studies & Development Cell, Smt. Aruna Asaf Ali Govt. P.G. College, Kalka, Panchkula (Haryana) & Youth Red Cross Unit
2	Department Cum Centre for Women Studies & Development	Dr. Rajesh K Chander	Population and Law	seminar	Academic and Research Event	National	Department of Laws & Population Research Centre, Panjab University, Chandigarh	30/03/2022	30/03/2022	Department of Laws & Population Research Centre, Panjab

S. no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
3	Department Cum Centre for Women Studies & Development	Dr. Rajesh K Chander	Right to Vote: Changing Contours of Indian Democracy	seminar	Academic and Research Event	International	Centre for Constitution and Public Policy (CCPP), University institute of Legal Studies, Panjab University Chandigarh	29/03/2022	29/03/2022	University, Chandigarh Centre for Constitution and Public Policy (CCPP), University institute of Legal Studies, Panjab University Chandigarh
4	Department Cum Centre for Women Studies & Development	Dr. Rajesh K Chander	Co-Building a New Eco-Social World: Leaving no one Behind in Indian Perspective	conference	Academic and Research Event	National	Centre for Social Work, Panjab University Chandigarh	27/05/2022	28/05/2022	Centre for Social Work, Panjab University Chandigarh
5	Department Cum Centre for Women Studies & Development	Dr. Rajesh K Chander	COVID-19 Pandemic: Through a Gender Standpoint.	other	Academic and Research Event	Other	Centre for Social Work, National Service Scheme (NSS), Panjab University, Chandigarh.	06/07/2021	06/07/2021	Centre for Social Work, National Service Scheme (NSS), Panjab University, Chandigarh.
6	Department Cum Centre for Women Studies & Development	Dr. Rajesh K Chander	National Girl Child Day	webinar	Academic and Research Event	National	by D.A.V. College, Pehowa (Kurukshetra) & Youth Red Cross Unit	24/01/2022	24/01/2022	by D.A.V. College, Pehowa (Kurukshetra) & Youth Red Cross Unit
7	Department Cum Centre for Women Studies & Development	Dr. Rajesh K Chander	Beti Bachao, Beti Padhao Programme	webinar	Academic and Research Event	National	National Service scheme, Unit of PGGCG & Department of Sociology, Organised by Post Graduate Government College for Girls, Sector 11, Chandigarh	20/01/2022	20/01/2022	National Service scheme, Unit of PGGCG & Department of Sociology, Organised by Post Graduate Government College for Girls, Sector 11, Chandigarh
8	Department Cum Centre	Dr. Rajesh K	Gender Sensitization	other	Academic and	Other	Department of Psychology,	16/04/2022	16/04/2022	Department of

S. no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
	for Women Studies & Development	Chander	and Women's Rights in Contemporary Era: Efficacy and Challenges		Research Event		Institute of Distance & Online Learning, Chandigarh University, Gharuan			Psychology, Institute of Distance & Online Learning, Chandigarh University, Gharuan
9	Department Cum Centre for Women Studies & Development	Dr. Rajesh K Chander	Gender Sensitization and Women's Rights in Contemporary Era: Efficacy and Challenges	other	Academic and Research Event	Other	Department of Psychology, Institute of Distance & Online Learning, Chandigarh University, Gharuan	23/08/2021	23/08/2021	Department of Psychology, Institute of Distance & Online Learning, Chandigarh University, Gharuan
10	Department Cum Centre for Women Studies & Development	Dr. Rajesh K Chander	Digital Skills for Effective Teaching and Learning	other	Academic and Research Event	Other	Institute for Development and Communication, Sector 38, Chandigarh	26/07/2021	30/07/2021	Institute for Development and Communication, Sector 38, Chandigarh
11	Department Cum Centre for Women Studies & Development	Prof. Manvinder Kaur	Sexual Harassment at Workplace	other	Refresher Course	University	HRDC University of Kashmir	15/11/2021	15/11/2021	HRDC University of Kashmir
12	Department Cum Centre for Women Studies & Development	Prof. Manvinder Kaur	Gender Sensitisation	other	Short-Term Course	University	UGC HRDC, Punjabi University Patiala	28/02/2022	28/02/2022	UGC HRDC, Punjabi University Patiala
13	Department Cum Centre for Women Studies & Development	Prof. Manvinder Kaur	Gender Sensitisation	other	Academic and Research Event	University	DAV College Abohar	12/03/2022	12/03/2022	DAV College Abohar
14	Department Cum Centre for Women Studies & Development	Dr. Rajesh K Chander	Psycho Social Care and Counselling of Distress Women for Functionaries of OSCs and Shelter Homes	workshop	Academic and Research Event	National	NIPCCD, Regional Centre, Mohali.	25/05/2022	26/05/2022	NIPCCD, Regional Centre, Mohali.

**Ph.D. Awards****Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022**

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	Department Cum Centre for Women Studies & Development	Mr. Bhupinder Singh	Socio Economic And Political Mobility Among Dalit Women: A Case Study Of Punjab	2022-02-22	Prof. Emanuel Nahar
2	Department Cum Centre for Women Studies & Development	Ms. Rupinder Aulakh	Indian Women and Social Media:a Study of Selected Socio-Political, Economic and Administrative issues in Chandigarh and Rupnagar	2022-01-06	Prof. Emanuel Nahar
3	Department Cum Centre for Women Studies & Development	MS. ANJALI VASHISHT	Women Working in Call Centres in Chandigarh and Ludhiana: Problems and Challenges	2022-04-04	DR. RAJESH K. CHADNER

**MISCELLANEOUS****Any other noteworthy achievement of the department during this Academic Year 2021 - 2022**

S.no	Department	Achievement
<b>1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities</b>		

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
NIL							

**2. Details of Collaborative activities**

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
NIL									

**3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022 Top of Form**

Facilities	Existing	Newly Created/ Added	Total
Total Number of Computers in the department	18	0	18
Class rooms	4	0	4
Class rooms with Wifi/LAN facility	2	0	2
Class rooms with ICT facility (LCD/Projector)	4	0	4
No. of Research Labs	0	0	0
No. of Computer labs	1	0	1
Video Centre	0	0	0
Seminar Halls with ICT facility	1	0	1
Seminar Halls	1	0	1
No. of important equipments purchased (>= 10 lakh) during the current year.	24	5	29

<b>Facilities</b>	<b>Existing</b>	<b>Newly Created/ Added</b>	<b>Total</b>
Value of the equipment purchased during the year (Rs. in Lakhs)	167498	284977	452475

#### **4. Details of Extracurricular Activities during the Academic Year 2021 - 2022**

<b>Title</b>	<b>No. of participants (Students and Staff)</b>	<b>Venue</b>	<b>From Date</b>	<b>To Date</b>
NIL				

#### **5. Activities to celebrate / organize national and international commemorative days, events and festivals**

<b>Title of Event</b>	<b>From Date</b>	<b>To Date</b>
Celebration of Constitution Day	26/11/2021	26/11/2021
Celebration of Republic Day and National Day of the Girl Child	25/01/2022	25/01/2022
Celebration of International Women's Day	08/03/2022	08/03/2022
Celebration of Ambedkar Jayanti	18/04/2022	18/03/2022

#### **6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022**

<b>Title</b>	<b>No. of participants (Students and Staff)</b>	<b>Venue</b>	<b>From Date</b>	<b>To Date</b>
NIL				

#### **7. Number of Patents Published/Awarded**

<b>SNo</b>	<b>Patent</b>	<b>Author</b>	<b>Date</b>	<b>Status</b>	<b>National/ International</b>	<b>Patent Number/ Application Number</b>
NIL						

#### **8. Revenue generated through consultancy**

<b>SNo</b>	<b>Name of Consultancy Project</b>	<b>Name of the Consultant</b>	<b>Consulting/Sponsoring Agency</b>	<b>Project Date</b>	<b>National/ International</b>	<b>Revenue Generated (INR)</b>
NIL						

## **ECONOMICS**

### **SUMMARY OF PUBLICATIONS**

After the partition of the country, the teaching of Economics in this University was centred in Government College, Hoshiarpur under the guidance of Professor K. K. Dewett. The Department was shifted to the Chandigarh Campus in 1958 and it continues to be a leading centre of teaching, research and learning of economics in the region and has been awarded UGC Special Assistance Programme DRS-II. The Department has had the honour of having produced many well-known economists like Dr. Manmohan Singh (former Prime Minister of India), Late Dr. G.K. Chadha (former President of South Asian University, New Delhi and former Vice-Chancellor, Jawaharlal Nehru University, New Delhi). Many distinguished economists have served as faculty members in the past. Chair Professorships are vital for maintaining the highest quality faculty as they enrich the academic environment and create opportunities for academic collaboration, thereby attracting the brightest scholars from different parts of the country. In view of this, Panjab University offers following chair to the distinguished Indian economists: Prof. Yoginder K. Alagh (noted Economist and the Chancellor of the Central University of Gujarat) has been nominated as Chair Professor of Dr. Manmohan Singh Chair. A number of international students from Iran, Afghanistan, Thailand, etc. have been studying at both Under-graduate and Post-graduate levels, which reflects student diversity in the Department. The Department has Memorandum of Understanding (MOU) with the University of Wurzburg, Germany under which student exchange, faculty exchange and collaborative work is being undertaken.

## PUBLICATIONS

### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Arora, Nitin (2022)	Country Risk Analysis: Theory, Methodology, and Applications In: Charles V., Emrouznejad, A. (eds.). Modern Indices for International Economic Diplomacy; Country Risk Analysis: Theory, Methodology, and Applications; Palgrave Macmillan. (ebook)	978-3-030-84534-6, 978-3-030-84535-3	National
Meenu (co-authored with Divya Vaid) (2022)	Measuring the Concentration of India-East Asia Trade; Revisiting India-East Asia Connections- Problems and Prospects; KW Publishers Pvt. Ltd, New Delhi	78-93-91490-43-0	National
H.S.Shergill (2022)	Stray Cattle Problem in Punjab: Dimensions, cost and management; -; Institute of Development and Communication, - Sector-38, Chandigarh		National

### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Harpreet Singh (2022)	Caste and Pre-market Discrimination: Access to Civic Amenities and Healthcare Facilities in Rural Punjab; Contemporary Voice of Dalit Vol. 0(0), pp 1-15	ISSN: 2455-328X, Online ISSN: 2456-0502	Yes	Sage Publication
Nitin Arora (2022)	Coordination of Monetary and Fiscal Policies for Growth with Price Stability in a Post-COVID-19 Indian Economy; Economic Papers	1759-3441	Yes	Wiley Online Library
Singh, Paramjit (2021)	Demographic Dividend in the Age of Neoliberal Capitalism: An Analysis of Employment and Employability in India; Indian Journal of Labour Economics 64(3): 595–619	0019-5308 (online), Print ISSN 0971-7927	Yes	Springer Publication
S.P.Padhi (2022)	Determinants of foreign direct investment: employment status and potential of food processing industry in India; International Journal of Emerging Markets, EarlyCite (online, July 14, 2022) Vol. ahead-of-print No. ahead-of-print	ISSN: 1746-8809 eISSN: 1746-8817	Yes	Emerald Publishing (Emerald Insight)
S.P.Padhi (2021)	Employment dynamics, increasing returns and Marx's falling rate of profit; PSL Quarterly Review, 74 (298)	E-ISSN 2037-3643   ISSN 2037-3635	Yes	-
Singh, Paramjit (2022)	Neoliberal Capitalism and Misery of small Peasantry and Agricultural Labourers in India; Human Geography Volume 15 Number 2 July 2022	ISSN: 1942-7786 Online ISSN: 2633-674X	Yes	Sage Publication
H.S.Shergill (2021)	Rural Urban Disparity in the Standard of Living Across States of India; Economic and Political Weekly, Vol. 56, Issue No. 45-46,	SSN (Print) - 0012-9976   ISSN (Online) - 2349-8846	Yes	Sameeksha Trust
Meenu (2021)	State Wise Agricultural Exports of India during Covid	2581-7930	Yes	INSPIRA

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
	19 with Special Reference to Punjab; International Journal of Advanced Research in Commerce, Management & Social Science (IJARCMSS), Vol. 04, No. 03(II)			Jaipur
Meenu Co-authored with Amandeep Kaur (2021)	Structure and Concentration of India's Marine – Product Exports; Journal of Commerce, Economics & Computer Science (JCECS), Vol. 07, No. 03, July-Sept., 2021, pp. 34-42	2395-7069	Yes	-
Dr. Amrita Shergill (2022)	Testing for Structural Breaks in the Growth of the Services Sector in India- A Reassessment.; Economic Studies Vol. 31 (5)	0205-3292	Yes	Bulgarian Academy of Sciences

#### DETAILS OF PUBLICATIONS

##### Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
Meenu (co authored with Ramanjeet Kaur) (2021)	Product concentration of India's Imports of Petroleum Products" presented; International Multidisciplinary conference on recent developments in commerce , management, education, Humanities and social sciences (edition 1)	978-81-951310-6-8	INSPIRA Jaipur

#### DETAILS OF PUBLICATIONS

##### Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher

S.no	Department	Type of Journal	International	National	Others	Total
1	Department of Economics	Peer Review Journals	3	7	0	10
2	Department of Economics	Conference Proceedings	0	1	0	1
3	Department of Economics	Chapter in a book	0	3	0	3

#### RESEARCH SCHEMES

##### Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration(in years)	Principal Investigator and Research Team
NIL					

#### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT

##### Details of Seminars, Conferences, and Workshops organized during the Academic Year

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Soft skills Development	2022-03-15	2022-03-16	Department of Economics, Panjab University, Chandigarh	0



## SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S. no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Department of Economics	Dr. Harpreet Singh	Navigating the publishing process in Journals ,Workshop on " Writing Impactful Research"	workshop	Academic and Research Event	International	Online	22/07/2021	22/07/2021	Sabaragamuw a University of Sri Lanka in association with Emerald Publishing and Gulf Medical University
2	Department of Economics	Dr. Harpreet Singh	Elsevier Tools Facilitating Research Writing, Workshop on " Writing Impactful Research"	workshop	Academic and Research Event	International	online	15/07/2021	15/07/2021	Sabaragamuw a University of Sri Lanka in association with Emerald Publishing and Gulf Medical University
3	Department of Economics	Dr. Harpreet Singh	How to improve article acceptance rate and publish Quicker A publisher and author Perspective, Workshop on " Writing Impactful Research"	workshop	Academic and Research Event	International	online	29/07/2021	29/07/2021	Sabaragamuw a University of Sri Lanka in association with Emerald Publishing and Gulf Medical University
4	Department of Economics	Dr. Harpreet Singh	Presented a Paper on Caste, Gender, Location and Disparity in India: A Case study for Single, Double and Triple Discrimination in International conference on Business & Management (ICB&M2022)	conference	Academic and Research Event	International	Department of Business Administration, University of Business and Management of Kolkata	08/04/2022	09/04/2022	Department of Business Administration, University of Business and Management of Kolkata
5	Department of Economics	Dr. Harpreet Singh	Presented a Paper on Gender Inequality in access to Healthcare facilities in International conference on Business & Management (ICB&M2022)	conference	Academic and Research Event	International	Department of Business Administration, University of Business and Management of Kolkata	08/04/2022	09/04/2022	Department of Business Administration, University of Business and Management of Kolkata
6	Department of Economics	Dr. Harpreet Singh	Presented a Paper on Gender and Premarket discrimination in Punjab in National seminar on Dr. B.R. Ambedkar's as Social , economic, Political Reforms	conference	Academic and Research Event	International	Dr. Ambedkar Chair, Guru Nanak Dev University, Amritsar	06/12/2021	06/12/2021	Dr. Ambedkar Chair, Guru Nanak Dev University, Amritsar
7	Department	Dr. Harpreet	The session was conducted by Mr.	workshop	Academic and	International	online	08/07/2021	08/07/2021	Sabaragamuw a University of

S. no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
	of Economics	Singh	Vishav Sharma on end note, Workshop on " Writing Impactful Research"		Research Event					Sri Lanka in association with Emerald Publishing and Gulf Medical University
8	Department of Economics	Dr. Harpreet Singh	Presented a Paper on How to identified faked/predatory/cloned journals in academics ,Workshop on " Writing Impactful Research"	workshop	Academic and Research Event	International	online	05/08/2021	05/08/2021	Sabaragamuw a University of Sri Lanka in association with Emerald Publishing and Gulf Medical University
9.	Department of Economics	Dr. Paramjit Singh	Saving the Fate of Youth: Or Cultural Hegemony of Late Capitalism in Higher Education,	webinar	Academic and Research Event	National	Department of Economics, Panjab University, Chandigarh	30/09/2021	30/09/2021	Department of Economics, Panjab University, Chandigarh
10	Department of Economics	Dr. Meenu	Growth and Structure of Agricultural and Food Products Exports of Punjab” presented in International Conference (online) on Innovative Sustainable Practices in Commerce, Economy, Technology, Education, Science and Society (ICISP-2022)	conference	Academic and Research Event	International	online	22/04/2022	23/04/2022	School of business, The Assam Kaziranga University, Johrat, Assam
11	Department of Economics	Dr. Meenu	An Analysis of India’s Climate Smart Goods Trade” presented (Online) in 5th Hybrid International Conference on Sustainable Development and New Dimensions in Industry 4.0	conference	Academic and Research Event	International	online	31/03/2022	01/04/2022	Amity School of Economics, Amity University, Uttarpradesh Pradesh
12	Department of Economics	Dr. Meenu	Growth and Structure of India’s Imports of Edible Oil Sector” presented (Online) in 7th International Conference on Empirical Issues in International Trade and Finance	conference	Academic and Research Event	International	online	16/12/2021	17/12/2021	Indian Institute of Foreign Trade, Kolkata
13	Department of Economics	Dr. Meenu	Product concentration of India’s Imports of Petroleum	conference	Academic and Research Event	International	online	27/08/2021	28/08/2021	Barkatullah University, Department of Commerce,

S. no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
			Products” presented in the online International Multidisciplinary conference on recent developments in commerce , management, education, Humanities and social sciences							Bhopal, M.P in collaboration with INSPIRA Research Association, Jaipur, Rajasthan
14	Department of Economics	Dr. Nitin Arora	Quantitative Techniques and Social Science Research during a Two Week Training Program in Research Methodology on Social Sciences for Research Scholars/Faculty Members	other	Training/Orientation	Other	ICSSR North-Western Regional Centre, Panjab University, Chandigarh	15/03/2022	27/03/2022	ICSSR North-Western Regional Centre, Panjab University, Chandigarh
15	Department of Economics	Dr. Amrita Shergill	NEP 2020 & Ethical Paradigm in Pedagogy	Professional Development Programmes	Faculty Development Programme	National	GGDSD College, Sector 32 C, Chandigarh	26/06/2022	26/06/2022	GGDSD College, Sector 32 C, Chandigarh
16	Department of Economics	Dr. Nitin Arora	Delivered eight Lectures on Fundamental Statistics and Econometrics for Research	workshop	Academic and Research Event	National	School of Management studies, Punjabi University, Patiala	01/08/2022	01/03/2022	School of Management studies, Punjabi University, Patiala
17	Department of Economics	Dr. Nitin Arora	delivered two lectures on Multivariate Analysis during Two Week Training Program in Research Methodology on Social Sciences for Research Scholars/Faculty Members	other	Training/Orientation	National	ICSSR North-Western Regional Centre, Panjab University, Chandigarh	01/02/2022	14/02/2022	ICSSR North-Western Regional Centre, Panjab University, Chandigarh
18	Department of Economics	Dr. Nitin Arora	Delivered two lectures on Multivariate Analysis during Two Week Training Program in Research Methodology on Social Sciences for Research Scholars / Faculty Members	other	Training/Orientation	National	ICSSR North-Western Regional Centre, Panjab University, Chandigarh	30/12/2021	12/01/2022	ICSSR North-Western Regional Centre, Panjab University, Chandigarh
19	Department of Economics	Dr. Meenu	Statistical Techniques and Data Analytics	workshop	Academic and Research Event	National	Department of Management , Birla Institute of Technology, Mesra,	10/06/2022	14/06/2022	Department of Management, Birla Institute of Technology, Mesra, Ranchi

S. no	Department Name	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
							Ranchi			
20	Department of Economics	Dr. Meenu	Gender Inequality (Online)	Professional Development Programmes	Short-Term Course	National	Online	18/01/2022	24/01/2022	HRDC, Goa University
21	Department of Economics	Dr. Meenu	Navigating Intellectual Property Rights	webinar	Academic and Research Event	National	Online	03/03/2022	03/03/2022	Prahladrai Dalmia Lions College of Commerce and Economics
22	Department of Economics	Dr. Meenu	Research Metrics	webinar	Academic and Research Event	Other	Online	19/11/2021	19/11/2021	Society for Promotion of Libraries (SPL), Uttar Pradesh and Telangana Library Association (TSLA), Hyderabad
23	Department of Economics	Smita Sharma	Online - FDP on Understanding Geodiversity & Geoheritage (for all faculty members) Interdisciplinary	Professional Development Programmes	Faculty Development Programme	National	Chandigarh	22/02/2022	28/02/2022	HRDC
24	Department of Economics	Nitin Arora	FDP on NEP-2020 Ethical Paradigms in Pedagogy	Professional Development Programmes	Faculty Development Programme	National	Chandigarh	21/06/2022	27/06/2022	HRDC

### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	Department of Economics	Bhavna Tiwari	Impact Of Education On Economic Growth: A Global Perspective	2022-06-16	Dr. Nisha Bhargava
2	Department of Economics	Mridul Mehndiratta	Pattern And Determinants Of Variation In The Size And Structure Of The Manufacturing Sector Across Indian State: An Econometric Analysis	2021-10-29	Dr. Indu Bala
3	Department of Economics	Nitish Khurana	A Study Of Employment In Rural Non Farm Sector And Its Factors With Reference To Punjab And Haryana	2022-06-28	Dr. Harsh Gandhar
4	Department of Economics	Neelam Dwivedi	An Analysis Of Budgetary Subsidies In Haryana	2022-02-22	Dr. Smita Sharma
5	Department of Economics	Kuldeep Mor	Fiscal Decentralization And The Income - Expenditure Pattern Of Urban Local Bodies: A Study Of Haryana	2021-09-30	Dr. Vinod Kumar ( Muktsar)
6	Department of Economics	Niharika	Financial Inclusion And Its Impact On Profitability And Stability Of Commercial Banks In India: An Empirical Analysis	2021-09-30	Dr. Indu Bala
7	Department of Economics	Vikas	Regional Disparities In Economic Development Of Punjab: An Inter-Direct Analysis	2022-03-17	Dr. Tilak Raj

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
8	Department of Economics	Vipul Gupta	Milton Friedman's View On Social Responsibility Of Firms And Its Validation In The Context Of Public Sector Banks In India	2022-02-03	Dr. Indu Bala
9	Department of Economics	Shivam Dhawan	Bank Concentration And Its Impact On The Stability Of Commercial Banks In India: An Empirical Analysis	2022-02-03	Dr. Indu Bala
10	Department of Economics	Shubhendra Jit Talwar	Theorising Efficiency, Effectiveness And Budgeting Paradigm In Fiscal Outlay In Indian Context	2022-04-04	Dr. Nitin Arora
11	Department of Economics	Prazy Walia	Occupational Structure And Employment Pattern Variations In India: A Cross State Analysis	2022-03-17	Dr. Amrita Shergill
12	Department of Economics	Yogesh Kumar	A Comparative Study Of Bank-Based And Market-Based Financial Systems: Which, Where And When Is Better For Economic Growth	2021-09-30	Prof. Gurmail Singh
13	Department of Economics	Yangchan Dolma	Impact Of Tourism On The Economy Of Ladakh Region Of The Jammu And Kashmir State Of India	2021-10-13	DR. INDU BALA
14	Department of Economics	Pragti Dixit	Structure, Growth And Prospects Of Bicycle Industry- A Case Study Of Punjab	2022-03-17	Dr. Gulshan Kumar
15	Department of Economics	Varinder Singh Saini	Competition And Consumer Surplus In The Indian Wireless Telecommunication Market: An Econometric Analysis	2022-02-22	Dr. Suman Makkar
16	Department of Economics	Harinder Kaur Gill	Interaction of Monetary and Policies in India: A Game Theory Approach	2022-04-04	Dr. Nitin Arora

## MISCELLANEOUS

### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
1	Department of Economics	of The faculty of the Department has been assigned various prestigious assignments by UGC, UPSC and Staff Selection Board, PPSC, etc.

### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
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NIL

### 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
1	Department of Economics	Visiting Assistant Professor Collaboration Research Project	Centre for Asia Research, York University, Toronto.	Dr. Paramjit Singh	20/06/2022	International	Research Collaboration Project	York Centre for Asian Research	20/10/2022

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
2	Department of Economics	Student Sensitization Session	Central Placement Cell, PU, Chd.	Placement Cell, Department of Economics, PU, Chd	25/11/2021	National	Alumni Session	0	25/11/2021

### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022 Top of Form

Facilities	Existing	Newly Created/ Added	Total
Class rooms	5	0	5
Class rooms with ICT facility (LCD/Projector)	1	0	1
No. of Research Labs	0	0	0
No. of Computer labs	1	0	1
Total Number of Computers in the department	36	0	36
Video Centre	0	0	0
Seminar Halls with ICT facility	1	0	1
Seminar Halls	0	0	0
No. of important equipments purchased (>= 10 lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0
Class rooms with Wifi/LAN facility	1	0	1

### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
Azadi ka Amrut Mahotsav- Webinar on "The Economic History of Independent India"	12/08/2021	12/08/2021
Azadi ka Amrut Mahotsav- Poster Making Competition	13/08/2021	13/08/2021
Azadi ka Amrut Mahotsav- Slogan Writing Competition	14/08/2021	14/08/2021
Declamation and Poem Recitation Contests	25/09/2021	25/09/2021

### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

### 7. Number of Patents Published/Awarded

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

### 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

## GANDHIAN AND PEACE STUDIES

### SUMMARY OF PUBLICATIONS

#### PUBLICATIONS

#### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Dr. Ashu Pasricha (2000)	Artificial intelligence in the indian legal profession; major issues of criminal law in india A Pathological study, volume II; Radhika Books	978-93-91819-07-1	National
Dr. Manish Sharma (2021)	Chances of Conflict on Account of Large-Scale Influx of Climate Refugees in India; Risks and Insecurity to Viability and Resilience; Springer	ISBN: 978-3-030-76246-9	International
Dr. Ashu Pasricha (2022)	Cyber Terrorism ; The Threat to Virtual warfare; Major issues of criminal law in india A Pathological study; Radhika Books	978-93-91819-02-6	National
Dr. Ashu Pasricha (2022)	Cyber Terrorism Against Women and its Prevention; Major Issues of Criminal law in India A Pathological study; Radhika Books	978-93-91819-02-6	National
Dr. Ashu Pasricha (2022)	Domestic Voilence in An Indian setting:An Overview; Major issues of Criminal Law in In india A Pathological Study; Radhika Books	978-93-91819-02-6	National
Dr. Ashu Pasricha (2022)	intellectual property rights in cyberspace; Major issues of criminal law in I ndia A Pathological study; Radhika Books	978-93-91819-07-1	National
Dr. Ashu Pasricha (2000)	laws of warfare in international law; major issues of criminal law in India A Pathological study; --	978-93-91819-07-1	National
Dr. Ashu Pasricha (2022)	Major Issues of Criminal law in India A Pathological study , Volume I & II; Major Issues of Criminal law in India A Pathological study , Volume I & II; Radhika Books	978-93-91819-02-6	National
Dr. Manish Sharma (2021)	The Efficacy of Non-violence in Present Context; Reflections on Mahatma Gandhi: The Global Perspectives; Rawat Publications	978-81-316-1191-3	International

#### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
NIL				

#### DETAILS OF PUBLICATIONS

Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### DETAILS OF PUBLICATIONS

Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

## SUMMARY OF RESEARCH PUBLICATIONS JULY 1 ,2021 TO JUNE 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	Department of Gandhian and Peace Studies	Book with ISBN	0	7	0	7
2	Department of Gandhian and Peace Studies	Chapter in a book	2	0	0	2

## RESEARCH SCHEMES

### Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration(in years)	Principal Investigator and Research Team
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NIL

## SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT

### Details of Seminars, Conferences, and Workshops organized during the Academic Year

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
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NIL

## SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Department of Gandhian and Peace Studies	Dr. Ashu Pasricha	Gandhian Philosophy: Theory and Practice	workshop	Academic and Research Event	International	Online	01/10/2021	01/10/2021	Deptt. of Political Science, Desh Bhagat University, Mandi Gobindgarh
2	Department of Gandhian and Peace Studies	Ms. Vandna Kumari	Information Sources and Services for Teaching, Learning and Research	Professional Development Programmes	Faculty Development Programme	National	Online	01/02/2022	07/02/2022	UGC-Human Resource Development Centre Panjab University, Chandigarh
3	Department of Gandhian and Peace Studies	Dr. Manish Sharma	Sanskrit Shaastriya CritQue of Economy, Economics and Economist	webinar	Academic and Research Event	National	Online	12/01/2022	12/01/2022	Deptt. of Sanskrit, Political Science, History, Economics, IQAC, Centre Library, NCC & SDHDR&T Centre, Sanatan Dharma College, Ambala Cantt
4	Department of Gandhian and Peace Studies	Dr. Manish Sharma	Role of Media and Xenophobic Discourses	conference	Academic and Research Event	International	Sakarya University, Sakarya, Turkey	30/05/2022	31/05/2022	Deptt. of International Relations, Faculty of Political Science, Sakarya University, Sakarya, Turkey
5	Department of Gandhian and Peace Studies	Dr. Manish Sharma	Effects of Media	conference	Academic and Research Event	International	Sakarya University,	30/05/2022	31/05/2022	Deptt. of International



S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
	and Peace Studies	Sharma	Discourse in the Russia-Ukraine Conflict: An International Law Perspective				Sakarya, Turkey			Relations, Faculty of Political Science, Sakarya University, Sakarya, Turkey
6	Department of Gandhian and Peace Studies	Dr. Manish Sharma	GANDHI, SARVODAYA & SWADESHI MOVEMENT	webinar	Academic and Research Event	National	Webinar	18/10/2021	18/10/2021	Panjab University Regional Centre, Sri Muktsar Sahib
7	Department of Gandhian and Peace Studies	Dr. Manish sharma	contextualizing Gandhi in paradigm of literature ,culture and social transformation	conference	Others	National	Arunachal pardesh	11/10/2021	12/10/2021	Rajiv gandhi university
8	Department of Gandhian and Peace Studies	Dr. Manish sharma	how gandhian dream of swachh bharat is being realized by today's india	webinar	Social Issues	National	online	01/10/2021	01/10/2021	Regional outreach bureau and PIB Ministry of information and broadcasting GOI Chandigarh
9	Department of Gandhian and Peace Studies	Dr. Manish sharma	visualising gandhi from swadeshi to make in india	webinar	Others	National	online	01/10/2021	01/10/2021	D.A.V College ,Hoshiarpur ,punjab
10	Department of Gandhian and Peace Studies	Dr. Manish sharma	individual ,society and state under gandhian perspective	seminar	Others	National	shimla	02/10/2021	02/10/2021	Dept. of political science ,himachal pardesh university
11	Department of Gandhian and Peace Studies	Dr. Manish sharma	Mahatama gandhi's vision on education relevance today	webinar	Others	National	online	02/10/2021	02/10/2021	SDS college of education for women, moga
12	Department of Gandhian and Peace Studies	Dr. Manish Sharma	Conflict Resolution and Peace Building	Professional Development Programmes	Training/Orientation	National	RGNIYD, Regional Centre, Chandigarh	07/03/2022	13/03/2022	RGNIYD, Regional Centre, Chandigarh
13	Department of Gandhian and Peace Studies	Dr. Manish Sharma	Conflict Resolution and Peace Building	Professional Development Programmes	Training/Orientation	National	RGNIYD, Regional Centre, Chandigarh	21/03/2022	27/03/2022	RGNIYD, Regional Centre, Chandigarh
14	Department of Gandhian and Peace Studies	Dr. Manish Sharma	Conflict Resolution and Peace Building	Professional Development Programmes	Training/Orientation	National	RGNIYD, Regional Centre, Chandigarh	28/03/2022	03/04/2022	RGNIYD, Regional Centre, Chandigarh
15	Department of Gandhian and Peace Studies	Dr. Ashu Pasricha	Social Inclusion of Marginalised People and NEw Education Policy: Issues and Challenges	seminar	Academic and Research Event	National	Desh Bhagat University, Mandi Gobindgarh, Punjab	29/06/2022	30/06/2022	Faculty of Social Sciences, Languages & Education
16	Department	Dr. Seema	Social	seminar	Academic and	National	Desh	29/06/2022	30/06/2022	Faculty of

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
	of Gandhian and Peace Studies	Malhotra	Inclusion of Marginalised People and New Education Policy: Issues and Challenges		Research Event		Bhagat University, Mandi Gobindgarh, Punjab			Social Sciences, Languages & Education

### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	Department of Gandhian and Peace Studies	Priyavart Sharma	State of Education in Rural Area of District Kaithal: A Study in the Gandhian Perspective	2021-08-24	Dr. Ashu Pasricha
2	Department of Gandhian and Peace Studies	Baljit Kaur	United Nations on Human Rights Education (HRE) : With Special Reference To HRE-2020	2022-04-25	Dr. Manish Sharma

### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
1	Department of Gandhian and Peace Studies	

#### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
1	Department of Gandhian and Peace Studies	Keeping it Modern' implementation work Grant for Gandhi Bhawan	Development and Research Organisation for Nature, Arts and Heritage (DRONAH), Gurgaon, Haryana	Gandhian and Peace Studies	04/11/2020	31/05/2022	National

#### 2. Details of Collaborative activities

S No	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
1	Department of Gandhian and Peace Studies	Exploring Nonviolent Communication	Department of Gandhian and Peace Studies in collaboration with Gandhi Smriti and Darshan Smriti, New Delhi	Department of Gandhian and Peace Studies in collaboration with Gandhi Smriti and Darshan Smriti, New Delhi	25/08/2021	National	Special Lecture	Self Financed	25/08/2021
2	Department of Gandhian and Peace Studies	Celebrating the Jayanti of Mahatma Gandhi	The Department of Gandhian and Peace Studies in collaboration with Dean, Alumni	The Department of Gandhian and Peace Studies in collaboration with Dean,	28/08/2021	National	Special Lecture	Self Financed	02/10/2021

S No	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
3	Department of Gandhian and Peace Studies	Nuances	The Department of Gandhian and Peace Studies, in collaboration with ThreadBee, a local NGO	Alumni Association, PU, Interdisciplinary Centre for Swami Vivekananda Studies and Department of Art History and Visual Arts, Panjab University, Chandigarh	03/12/2021	National	Special Exhibition	Self Financed	03/12/2021
4	Department of Gandhian and Peace Studies	“गांधीदर्शनकीप्रासंगिकता औरगिश्च”(Gandhi DharshanKiiPraas angitaAurVishav	The Department of Gandhian and Peace Studies in collaboration with Dean, Alumni Relations, PU, and Interdisciplinary Centre for Swami Vivekananda Studies, Panjab University, Chandigarh	The Department of Gandhian and Peace Studies in collaboration with Dean, Alumni Relations, PU, and Interdisciplinary Centre for Swami Vivekananda Studies, Panjab University, Chandigarh	30/01/2022	National	Special Lecture	Self Financed	30/01/2022
5	Department of Gandhian and Peace Studies	celebrating the Jayanti of Mahatma Gandhi	The Department of Gandhian and Peace Studies in collaboration with Dean, Alumni Association, PU, Interdisciplinary Centre for Swami Vivekananda Studies and Department of Art History and Visual Arts, Panjab University, Chandigarh	The Department of Gandhian and Peace Studies in collaboration with Dean, Alumni Association, PU, Interdisciplinary Centre for Swami Vivekananda Studies and Department of Art History and Visual Arts, Panjab University, Chandigarh	28/09/2021	National	Special Lecture	Self Financed	02/10/2021
6	Department of Gandhian and Peace Studies	International Peace Day	Gandhi Smriti & Darshan Smriti in collaboration with Department of Gandhian and Peace Studies, Gandhian	Gandhi Smriti & Darshan Smriti in collaboration with Department of Gandhian and Peace Studies,	21/09/2021	International	E-conference	Self Financed	21/09/2021

S No	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
			Peace Mission and Centre for Global Nonkilling (Hawaii)	Gandhian Peace Mission and Centre for Global Nonkilling (Hawaii)					
7	Department of Gandhian and Peace Studies	Contributions of Social Sciences towards Science and Technology	Interdisciplinary Centre for Swami Vivekananda Studies, Department of Gandhian and Peace Studies, Centre for Social Work, Panjab University under the aegis of Indian Science and Technology Communication in collaboration with Panjab University Alumni Association	Interdisciplinary Centre for Swami Vivekananda Studies, Department of Gandhian and Peace Studies, Centre for Social Work, Panjab University under the aegis of Indian Science and Technology Communication in collaboration with Panjab University Alumni Association	04/03/2022	National	Webinar	Self Financed	04/03/2022

### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022 Top of Form

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	8	0	8
Class rooms	3	0	3
Class rooms with Wifi/LAN facility	3	0	3
Class rooms with ICT facility (LCD/Projector)	2	0	2
No. of Research Labs	0	0	0
No. of Computer labs	1	0	1
Video Centre	0	0	0
Seminar Halls with ICT facility	1	0	1
Seminar Halls	2	0	2
No. of important equipments purchased (>= 10 lakh) during the current year.	2	0	2
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0

### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
Online Lecture "Understanding Sardar Patel and his Contribution to India	28/09/2021	02/10/2021
On the Spot Painting Competition	28/09/2021	02/10/2021
Online Lecture "Mahatma Gandhi and Aldous Huxley	28/09/2021	02/10/2021
Online Lecture "Mahatma Gandhi on the Canvas of Indian freedom struggle	28/09/2021	02/10/2021
Online Lecture "Gandhi Dharshan Kii Praasangita Aur Vishav"	30/01/2022	30/01/2022

### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

### 7. Number of Patents Published/Awarded

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

### 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

## GEOGRAPHY

### SUMMARY OF PUBLICATIONS

#### PUBLICATIONS

#### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Manu Raj Sharma, Vishwa BS Chandel and Karanjot Kaur Brar (2021)	Markers of Climate Change: Analysing Extreme Temperature Indices Over the Himalayan Mountains and Adjoining Punjab Plains; Mountain Landscapes in Transition - Effects of Land use and Climate Change; Springer	ISBN: 978-3-030-70237-3, 978-3-030-70238-0 (eBook)	International

#### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Smita Bhutani, Harmanjot Antal (2021)	Accelerating ageing in India : Trends and explanations; The Indian geographical Journal	ISSN - 0019 - 4824	Yes	The Indian geographical Journal
Navneet Kaur (2022)	Exploring choice preferences and safety perception of Women Hostellers; Population Geography	0256-5331	Yes	Population Geography
Gagandepp Singh, Vishwa BS Chandel and Simrit Kahlon	Flood Hazard Modelling in Upper Mandakini Basin of Uttarakhand; Current World Environment	ISSN:0973-4929, Online ISSN:2320-8031	Yes	Enviro Research Publishers

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
(2021)				
Aman Kumari and Smita Bhutani (2021)	Higher education institutions in India : Disaparities in availability; Panjab University Research journal ( Arts)	0970 - 5260	Yes	Panjab University Research journal ( Arts)
Navneet Kaur (2021)	Implications of Diffusion of Orchards in Himachal Pradesh; Turkish online Journal of Qualitative Inquiry	42174228	No	TOJQI
Gaurav Kalotra with Co-Athor Jitender (2021)	Internal Migration in India: A trend of Million-Plus Cities in 2011; Scholars Journal of Arts, Humanities and Social Sciences	2347-5374	No	SAS Publishers
Gaurav Kalotra co-authored Sumit Kumar (2022)	Population Characteristics of Slums: A Study of Faridabad City in Haryana; Scholars Journal of Arts, Humanities and Social Sciences	2347-5374	Yes	SAS Publishers
Gaurav Kalotra co-authored Jagdeep Kumar (2021)	Sex-wise Spatial Analysis of in-migrant in North-Western Region of India; Scholars Journal of Arts, Humanities and Social Sciences	2347-5374	Yes	SAS Publishers
Kaur Ravinder co-authored with Ravinder Singh (2022)	Transformation of Rural Landscape in Chandigarh Periphery : A Geographical Analysis Using Geo-Informatics; Stochastic Modeling & Applications	0972-3641	Yes	MUK Publications
Rishi Rana , Rajiv Ganguly , Ashok Kumar Gupta (2021)	Waste Managing in Chandigarh: An Exploratory Study of Waste Collection Process in the Planned City; Journal of Civil Engineering and Environmental Technology	2349-879X	Yes	Design Engineering

#### DETAILS OF PUBLICATIONS

##### Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
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#### DETAILS OF PUBLICATIONS

##### Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
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#### SUMMARY OF RESEARCH PUBLICATIONS JULY 1, 2021 TO JUNE 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	Department of Geography	Peer Review Journals	0	6	0	6
2	Department of Geography	e-Journals	1	1	0	2
3	Department of Geography	Chapter in a book	1	0	0	1

#### RESEARCH SCHEMES

##### Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
Ministry of Human	Shastri Indo Canadian	1000000	500000	Major	2019 - Till	Prof. Ravinder

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
Resource Development (MHRD)	Institute Grant (SICRG)				Date	Kaur
Ministry of Human Resource Development (MHRD)	The Case of Chandigarh project awarded by Shastri Indo Canadian Institute (SICI)	0	0	Major	2019 - Till Date	Prof. Mark Rosenberg

#### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT

##### Details of Seminars, Conferences, and Workshops organized during the Academic Year

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
NIL				

#### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

##### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
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#### Ph.D. Awards

##### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	Department of Geography	of Jitender	Migration To Million Plus Cities In India	2022-04-29	Dr. Gaurav Kalotra
2	Department of Geography	of Shalini Dharmani	Changes in the Physical Build, Socio-Spatial Patterns and Environment of Shimla (1971 and 2001)	2022-04-30	Prof. K.D. Sharma and Prof. Simrit Kahlon
3	Department of Geography	of Rakesh Sharma	Bakarwal Pastoral Nomads: A Study Of Livelihood Resilience To Environmental Stress	2021-08-09	Prof. Vishwa Bandhu Singh
4	Department of Geography	of Jagdeep Kumar	PATTERNS OF IN-MIGRATION TO North-Western India, 2001-2011	2022-06-28	Prof. Gaurav Kalotra
5	Department of Geography	of Monika	“Female Workers In Punjab: A Geographical Study”	2022-03-17	Prof. Smita Bhutani
6	Department of Geography	of Sarita Kumari	“Spatio-Structural Patterns Of Female Workers In Himachal Pradesh , 2001-2011: A Geographical Study”	2022-02-22	Dr. Gaurav Kalotra
7	Department of Geography	of Mahender Pal	Regional Patterns of Female Agricultural workforce in India : 2001-11	2022-02-22	Prof. Dhian Kaur
8	Department of Geography	of Gursewak Singh	Beas River Floodplain, Punjab: Land-use land-cover changes and Flood Risk	2021-11-16	Prof. Karanjot Kaur Brar
9	Department of Geography	of Prem Singh Kutwal	Development Disparities in Indian Hill States: A Geographical perspective	2022-06-28	Prof. Krishna Mohan
10	Department of Geography	of Sukhpreet Singh	Religious Minorities in India: A spatial perspective	2021-09-15	Prof. Ravinder Kaur
11	Department of Geography	of Dodge Getachew	Peri-Urban Land Transformation In Ethiopia: A Study Of Bahir Dar City	2021-07-07	Prof. Ravinder Kaur

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
		Aysassa	Using Geospatial Technology		

#### MISCELLANEOUS

Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
1	Department of Geography	

#### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
1	Department of Geography	MoU between PU and PRSC	Panjab Remote Sensing Centre	Department of Geography	07/08/2019	06/08/2024	National

#### 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
NIL									

#### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022 Top of Form

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	0	0	0
Class rooms	0	0	0
Class rooms with Wifi/LAN facility	0	0	0
Class rooms with ICT facility (LCD/Projector)	0	0	0
No. of Research Labs	0	0	0
No. of Computer labs	0	0	0
Video Centre	0	0	0
Seminar Halls with ICT facility	0	0	0
Seminar Halls	0	0	0
No. of important equipments purchased (>= 10 lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0

#### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

#### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
NIL		



**6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

**7. Number of Patents Published/Awarded**

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

**8. Revenue generated through consultancy**

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

**GURU NANAK SIKH STUDIES**

**SUMMARY OF PUBLICATIONS**

**PUBLICATIONS**

**DETAILS OF PUBLICATIONS**

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Professor Jaspal Kaur Kaang (2021)	4th Birth Centenary of Guru Tegh Bahadur ji; Panjab Journal of Sikh Studies Vol. VII; Professor Jaspal Kaur Kaang	2231-2757	Other

**DETAILS OF PUBLICATIONS**

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
NIL				

**DETAILS OF PUBLICATIONS**

Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

**DETAILS OF PUBLICATIONS**

Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

**SUMMARY OF RESEARCH PUBLICATIONS JULY 1, 2021 TO JUNE 30, 2022**

S.no	Department	Type of Journal	International	National	Others	Total
1	Department of Guru Nanak Sikh Studies	Book with ISBN	0	0	1	1

**RESEARCH SCHEMES**

Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration(in years)	Principal Investigator and Research Team
NIL	NIL	0	0	Nil/NA	2021 - 0000	NIL

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT**

**Details of Seminars, Conferences, and Workshops organized during the Academic Year**

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Footprints of Guru Nanak and Contemporary period	2022-06-15	2022-06-15	Department of Guru Nanak Sikh Studies, P.U.	80

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY**

**3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022**

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
NIL										

**Ph.D. Awards**

**Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022**

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
NIL					

**RESEARCH SCHOLARS ENROLLED FROM DATE 2021-07-01 TO 2022-06-30**

**MISCELLANEOUS**

**Any other noteworthy achievement of the department during this Academic Year 2021 - 2022**

S.no	Department	Achievement
1	Department of Guru Nanak Sikh Studies	

**1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities**

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
NIL							

**2. Details of Collaborative activities**

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
NIL									

**3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022**

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	4	0	4
Class rooms	4	0	4
Class rooms with Wifi/LAN facility	0	0	0
Class rooms with ICT facility (LCD/Projector)	0	0	0
No. of Research Labs	0	0	0
No. of Computer labs	0	0	0
Video Centre	0	0	0
Seminar Halls with ICT facility	2	0	2

Facilities	Existing	Newly Created/Added	Total
Seminar Halls	2	0	2
No. of important equipments purchased (>= 10 lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0

#### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

#### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
NIL		

#### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

#### 7. Number of Patents Published/Awarded

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

#### 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

## LIBRARY & INFORMATION SCIENCE

### SUMMARY OF PUBLICATIONS

The Department was established in 1960. The Department is one of the pioneer schools of Library & Information Science in the country. The department prepares students through professional degree courses for careers in Librarianship and LIS teaching. It has produced about 63 Doctorates, organized various Refresher courses and seminars in Library & Information Science. It has a rich collection of latest documents in the department library and has a computer laboratory. The department's student association namely PULSSA (Panjab University Library Science Students Association) organizes various academic & cultural programmes from time to time. The class rooms of the department are multimedia enabled which makes the teaching and learning more enriching, engaging and encouraging. The Department endeavors to contribute meaningfully in the information driven knowledge society through innovative educational curricula, rich learning experiences, strong, balanced research programme offered in a positive and diverse learning environment. The department has significant research productivity.

### PUBLICATIONS

#### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Panda, S., & Chakravarty, R. (2021)	Implementation Cloud Enabled SaaS Services in Library Automation: A Study of Government Initiative in India. In Tarsem Lal (Ed.); Emerging Trends in Academic Libraries in ICT Era; Saptrishi Publication	9789390642762	National
Khushpreet Singh Brar (2022)	Open access: Ushering in New Dimension to information Service; Panorama Of open Access progress, practice and	978-93-92594-36-6	National

prospects; ESS ESS New Delhi

Rana, A., Gupta, N., Sharma, A., & Chakravarty, R (2022) Scientometric Evaluation and Visual Analytics of the Scientific Literature Production on Bioplastics; Green Chemistry for the Development of Eco-Friendly Products; IGI Global 9781799898535 International

#### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Gupta, N., Kaur, S. & Chakravarty, R. (2021)	A scientometric analysis of fifty-one years of research on Knowledge Society (1970-2021); Library Philosophy and Practice (e-journal)	1522-0222	No	University Libraries of the University of Nebraska--Lincoln, Lincoln, Nebraska, USA. LPP
Panda, S. & Chakravarty, R. (2022)	Adapting intelligent information services in libraries: a case of smart AI chatbots; Library Hi Tech News	0741-9058	No	Emerald Group Publishing Ltd.
Chakravarty, R., Sinhababu, A., Heenam, Sharma, J. (2022)	Adoption of open access in social science journals: an analytical study of DOAJ; IP Indian Journal of Library Science and Information Technology	2456-9623	No	IP Innovative Publication Pvt. Ltd.
Preeti Mahajan & Rishabh Shrivastava (2022)	Altmetrics and their relationship with citation counts: a case of journal articles in physics; Global Knowledge Memory and Communication	2514-9342	No	Emerald
Panda, S., Sinhababu, A. & Chakravarty, R. (2022)	Analysis of global published literature on Library and Information Science: An empirical study through Big Data approach; Library Philosophy and Practice (e-journal)	1522-0222	No	University Libraries of the University of Nebraska--Lincoln, Lincoln, Nebraska, USA. LPP
Priyanka, Azad, S. & Chakravarty, R. (2021)	Artificial intelligence (AI) literature in patents: a global landscape; Library Hi Tech News	0741-9058	No	Emerald Group Publishing Ltd.
Panda, S., Kaur, S., Gakhar, S. Kumari, P. & Chakravarty, R. (2021)	Assessing Q&A trends in scholarly communications: A quantitative study of Researchgate; Library Philosophy and Practice (e-journal)	1522-0222	No	University Libraries of the University of Nebraska--Lincoln, Lincoln, Nebraska, USA. LPP
Atasi Sinhababu and Shiv Kumar (2022)	Assessing Symbiosis between Traditional and Virtual Reference Service: An Empirical Study Based on Librarians' Perception; Library Philosophy and Practice	1522-0222	No	University Libraries of the University of Nebraska--Lincoln, Lincoln, Nebraska, USA
Azad, S., Priyanka, Atasi Sinhababu, & Chakravarty, R. (2022)	Connecting the Dots: Relation Mapping using Literature Connector and Network Visualization; Library Philosophy and Practice	1522-0222	No	University Libraries of the University of Nebraska--Lincoln, Lincoln, Nebraska, USA. LPP

Prasad,S., & Chakravarty, R. (2021)	connecting the dots: Research discovery using network analysis algorithms; Library Philosophy and Practice (e-journal)	1522-0222	No	University Libraries of the University of Nebraska--Lincoln, Lincoln, Nebraska, USA. LPP
Atasi Sinhababu and Shiv Kumar (2021)	Constructing Theoretical Framework for Virtual Reference Service: a Technology Acceptance Approach; Library Philosophy and Practice	1522-0222	No	University Libraries of the University of Nebraska--Lincoln, Lincoln, Nebraska, USA
Azad,S. & Chakravarty, R. (2022)	Creating community of young readers during Covid-19 lockdown-A comprehensive study of a digital reading platform: Storyweaver; Library Philosophy and Practice (e-journal)	1522-0222	No	University Libraries of the University of Nebraska--Lincoln, Lincoln, Nebraska, USA. LPP
Gupta, N. & Chakravarty, R. (2022)	Deciphering the Status of Library and Information Science Research in BRICS Nations: A Research Visualization Approach; Journal of Library Administration	1540-3564	No	Routledge: Taylor & Francis
Panda,S. & Chakravarty, R. (2021)	Extending the open access using extensions:Freeing scholarly communication from the walled garden; Library Philosophy and Practice (e-journal)	1522-0222	No	University Libraries of the University of Nebraska--Lincoln, Lincoln, Nebraska, USA. LPP
Giri, S. & Chakravarty, R. (2021)	Google Scholar Adoption by LIS Educators in India: An Exploratory Study; Library Philosophy and Practice (e-journal)	1522-0222	No	University Libraries of the University of Nebraska--Lincoln, Lincoln, Nebraska, USA. LPP
Sharma,R., Kaur, A., Gulati S., Sinhababu, A. & Chakravarty, R. (2022)	How far does it go?Understanding efficacy of off-campus remote access services: Use case of Knimbus and MyLOFT; Library Philosophy and Practice (e-journal)	1522-0222	No	University Libraries of the University of Nebraska--Lincoln, Lincoln, Nebraska, USA. LPP
Rishabh Shrivastava, Preeti Mahajan (2021)	Influence of social networking sites on scholarly communication: A study using literature in Artificial Intelligence; Journal of Librarianship and Information Science	0961-0006	No	SAGE Publications
Fazal, F.A., & Chakravarty, R. (2021)	Library as a research support system for AHSS doctoral students: Impact of marital status and gender on researchers; Italian Journal of Library, Archives and Information Science	20381026	No	Universita di Firenze, Dipartimento di Storia, Archeologia, Geografia, Arte e Spettacolo
Priyanka & Chakravarty, R. (2021)	Measuring Patent-Citations of LIS Literature: An analytical study of the Journal Scientometrics; Library Philosophy and Practice (e-journal)	1522-0222	No	University Libraries of the University of Nebraska--Lincoln, Lincoln, Nebraska, USA. LPP
Kaur, A., Sharma, R., Gulati, S. & Chakravarty, R. (2022)	Mobile app analytics for assessing MOOC platforms: a study of online	0741-9058	No	Emerald Group Publishing Ltd.

	learners' sentiments; Library Hi Tech News			
Harpreet Kaur and Preeti Mahajan (2021)	Online Information Resources for Disaster Management in Libraries and Information Centers; Library Philosophy and Practice (e-journal)	1522-0222	No	Libraries at University of Nebraska-Lincoln
Prof. Preeti Mahajan & Har Singh (2021)	Perception and Participation of Faculty Members in Collection Development: A Comparative Study of Five Universities in North India; Library Philosophy and Practice	1522-0222	No	University Libraries of the University of Nebraska--Lincoln, Lincoln, Nebraska, USA. LPP
Islam, Md. N., Azeez, Md. T.B., & Chakravarty (2022)	R. Bibliometric analysis on Information Literacy (2017-2021): a systematic literature review; Library Philosophy and Practice (e-journal)	1522-0222	No	University Libraries of the University of Nebraska--Lincoln, Lincoln, Nebraska, USA. LPP
Har Singh, Preeti Mahajan (2021)	Research scholars and faculty members perception and participation in collection development of university libraries of Northern India—a comparative study; Global Knowledge, Memory and Communication	2514-9350 .	No	Emerald
Gupta,N. & Chakravarty, R. (2021)	Research visualization of Indian LIS research using VOSviewer and Bibliometrix; Library Hi Tech News	0741-9058	No	Emerald Group Publishing Ltd.
Fazal, F.A., & Chakravarty, R. (2021)	Researcher development models and library research support; Library Hi Tech News	0741-9058	No	Emerald Group Publishing Ltd.
Kaur, J., & Chakravarty, R. (2021)	Role of National Library of India in preservation and promoting reading habit; Library Philosophy and Practice (e-journal)	1522-0222	No	University Libraries of the University of Nebraska--Lincoln, Lincoln, Nebraska, USA. LPP
Gupta,N., & Chakravarty, R. (2021)	Science mapping analysis of Digital Humanities research: A scientometrics study; Library Philosophy and Practice (e-journal)	1522-0222	No	University Libraries of the University of Nebraska--Lincoln, Lincoln, Nebraska, USA. LPP
Gupta,N., Arora S. & Chakravarty, R. (2021)	Science mapping and visualization of Research Data Management (RDM): Bibliometric and Scientometric study; Library Philosophy and Practice (e-journal)	1522-0222	No	University Libraries of the University of Nebraska--Lincoln, Lincoln, Nebraska, USA. LPP
Islam, Md. N., Islam, Md. M., Chakravarty, R. & Alam, Md. J. (2022)	The adoption of Big Data in selected information institutions in Bangladesh- a study; Library Philosophy and Practice (e-journal)	1522-0222	No	University Libraries of the University of Nebraska--Lincoln, Lincoln, Nebraska, USA. LPP
Gulati,S., Sharma,R., Kaur, A. & Chakravarty, R. (2021)	Understanding user perceptible and satisfaction level towards MOOCs: A	1522-0222	No	University Libraries of the University of

	comparative analysis of Swayam and Coursera; Library Philosophy and Practice (e-journal)			Nebraska--Lincoln, Lincoln, Nebraska, USA. LPP
Prof. Preeti Mahajan & Har Singh (2021)	Use of e-resources in the University Libraries of Northern India: A Comparative Study; PEARL - A Journal of Library and Information Science	0975-6922	No	Indian Journal.com
Sharma,R., Gulati,S., Kaur, A. & Chakravarty, R. (2021)	Users' sentiment analysis toward National Digital Library of India: A quantitative approach for understanding user perception; Library Philosophy and Practice (e-journal)	1522-0222	No	University Libraries of the University of Nebraska--Lincoln, Lincoln, Nebraska, USA. LPP
Kaur, A., Gulati, S., Sharma, R., Sinhababu, A. and Chakravarty, R. (2022)	Visual citation navigation of open education resources using Litmaps; Library Hi Tech News	0741-9058	No	Emerald Group Publishing Ltd.
Giri,S., Gupta, N., Diksha & Chakravarty, R. (2021)	Visualizing Google Scholar profile of Dr. S.R. Ranganathan using PoP and VOSviewer: A tribute to father of Library Science in India.; Library Philosophy and Practice (e-journal)	1522-0222	No	University Libraries of the University of Nebraska--Lincoln, Lincoln, Nebraska, USA. LPP

#### DETAILS OF PUBLICATIONS

##### Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
Khushpreet Singh Brar (2022)	Application of Internet of Things (IoT) in libraries; Knowledge management in higher education institutions	978-81-952757-2-4	Jaipur: Manipur University
Khushpreet Singh Brar (2022)	Perception of Postgraduate Students towards Application of Internet of Things (IoT) in Libraries: A Study of IIT Madras; Digital Librarianship and Social Media	978-93-91854-04-1	New Delhi: Studera press

#### DETAILS OF PUBLICATIONS

##### Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
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#### SUMMARY OF RESEARCH PUBLICATIONS JULY 1, 2021 TO JUNE 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	Department of Library & Information Science	e-Journals	33	2	0	35
2	Department of Library & Information Science	Conference Proceedings	1	1	0	2
3	Department of Library & Information Science	Chapter in a book	1	2	0	3

#### RESEARCH SCHEMES

##### Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration(in years)	Principal Investigator and Research Team
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NIL

## SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT

### Details of Seminars, Conferences, and Workshops organized during the Academic Year

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
“Research and the world of citations”	2022-06-06	2022-06-06	DLIS panjab university	85
“3 million years ago the vicinity of Chandigarh	2022-02-28	2022-02-28	DLIS,P.U.	65
‘Pustak avm Pustkalon ka Azadi me Mahatava - Azadi Ka Amrit Mahotsav	2021-08-24	2021-08-24	DLIS,P.U	65
“Knowledge Management and Librarianship”	2022-01-18	2022-01-18	PUDLIS	70
“Digital Transition and Media & Information Literacy	2022-02-09	2022-02-09	PU DLIS	70

## SEMINARS / CONFERENCE00NCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S. no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Department of Library & Information Science	Prof Preeti Mahajan	Research Publication and Ethics	workshop	Academic and Research Event	National	Central University of Kashmir.	12/11/2021	25/11/2021	Central University of Kashmir
2	Department of Library & Information Science	Prof. rupak Chakravarty	Building Digital Repositories using Zenodo for Research Visibility	other	Faculty Development Programme	University	Panjab University	06/07/2021	12/07/2021	UGC-HumanResourceDevelopmentCentre,PanjabUniversity,Chandigarh
3	Department of Library & Information Science	Prof. Rupak Chakravarty	Open Educational Resources: The goldmine for scholarly content	other	Academic and Research Event	National	online	20/07/2021	20/07/2021	DevSamajCollegeofEducationforwomen,Ferozpur.
4	Department of Library & Information Science	Prof. Rupak Chakravarty	Enhancing Research Visibility: Tools and Skills for a 21stCenturyResearcher	other	Faculty Development Programme	National	online	29/07/2021	29/07/2021	The TeachingLearningCenterforSocialScience,Dr. HarisinghGourVishwa vidyalaya,Sagar (MP) and Department of Hindi & Modern Indian Languages, MahatmaGandhiKashi Vidyapith,Varanasi,UttarPradesh.
5	Department of Library & Information Science	Prof. Rupak Chakravarty	Innovative Tools for Enhancing Research Efficiency	other	Faculty Development Programme	National	online	05/08/2021	05/08/2021	Management Education & Research Institute, New Delhi (MERICCollege).
6	Department of Library & Information Science	Prof. Rupak Chakravarty	E-library Services for teaching and learning	other	Faculty Development Programme	National	online	09/08/2021	09/08/2021	UGC-HumanResourceDevelopmentCentre(HRDC), UniversityofRajasthan, Jaipur
7	Department of Library & Information Science	Prof. Rupak Chakravarty	ResearchVisualizationforliteratureview:Ajourneytowards publication	other	Faculty Development Programme	National	online	17/08/2021	17/08/2021	Human Resource Development Centre (HRDC), University of Rajasthan,Jaipur.
8	Department of Library & Information Science	Prof. Rupak Chakravarty	Research Methodology	other	Academic and Research Event	National	online	29/09/2021	29/09/2021	I.G.N. College, Ladwa



S. no	Department Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
	Science								
9	Department of Library & Information Science	Prof. Rupak Chakravarty Enabling Teaching & Learning Support through OER	other	Academic and Research Event	National	online	04/10/2021	04/10/2021	UGC Human Resource Development Centre, University of North Bengal
10	Department of Library & Information Science	Prof. Rupak Chakravarty Role of Open Access Resources and Tools in fulfilling Researchers	other	Academic and Research Event	National	online	07/10/2021	07/10/2021	UGC Human Resource Development Centre, University of North Bengal
11	Department of Library & Information Science	Prof. Rupak Chakravarty Digital learning devices	workshop	Academic and Research Event	National	online	23/11/2021	29/11/2021	organized by Internal Quality Assurance Cell, Chaudhary Ranbir Singh University, Jind
12	Department of Library & Information Science	Prof. Rupak Chakravarty Augmenting the copyright for maximum usage	workshop	Academic and Research Event	University	online	25/02/2022	25/02/2022	Dept. Computer Science & Applications and DPIIT-IPR Chair, Panjab University,
13	Department of Library & Information Science	Prof. Rupak Chakravarty Research Visualization for Literature Review: A Journey Towards Publication	other	Academic and Research Event	National	online	19/02/2022	19/02/2022	UGC-Human Resource Development Centre (HRDC), University of Rajasthan, Jaipur
14	Department of Library & Information Science	Prof. Rupak Chakravarty E-Library Services for Teaching & Learning	other	Faculty Development Programme	National	online	26/02/2022	26/02/2022	UGC-Human Resource Development Centre (HRDC), University of Rajasthan, Jaipur
15	Department of Library & Information Science	Prof. Rupak Chakravarty Safeguarding and protection against predatory journals	other	Academic and Research Event	National	online	28/02/2022	05/03/2022	pt deendayalupadhyaya central library, J C Bose university of Science and Technology, YMCA, Faridabad.
16	Department of Library & Information Science	Prof. Rupak Chakravarty Plagiarism and APA style of Referencing	other	Faculty Development Programme	State	online	09/03/2022	09/03/2022	organized by DAV College of education Hoshiarpur
17	Department of Library & Information Science	Prof. Rupak Chakravarty A critical evaluation of quality sustenance in Higher Education Institutions in Imparting Education through virtual mode	webinar	Academic and Research Event	National	online	07/05/2022	07/05/2022	Internal Quality Assurance Cell of the Markanda National College in association with National Association and Accreditation Council, Bangalore
18	Department of Library & Information Science	Prof. Rupak Chakravarty Augmenting Copyrights for Maximum Usage	other	Faculty Development Programme	University	Panjab University	09/05/2022	09/05/2022	Department for Promotion of Industry and Internal Trade and Intellectual Property Right (DPIIT-IPR).
19	Department of Library & Information Science	Prof. Rupak Chakravarty Hands-on Training in Copyrights	other	Faculty Development Programme	University	Panjab University	09/05/2022	09/05/2022	Department for Promotion of Industry and Internal Trade and Intellectual Property Right (DPIIT-IPR).
20	Department of Library & Information Science	Prof. Rupak Chakravarty Webinar on National Digital Library of India	workshop	Academic and Research Event	State	Chandigarh	18/05/2022	18/05/2022	Goswami Ganesh Dutta Sanatan Dharma College, Chandigarh

S. no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
21	Department of Library & Information Science	Prof. Rupak Chakravarty	Open access publications and initiatives	workshop	Academic and Research Event	University	Panjab University	07/06/2022	07/06/2022	UGC-Human Resource Development Centre, Panjab University, Chandigarh
22	Department of Library & Information Science	Dr. Khushpreet Singh Brar	Two - Week Interdisciplinary REFRESHER COURSE on "Research Methodology"	other	Faculty Development Programme	National	online	22/12/2021	05/01/2022	Teaching Learning Centre, Ramanujan College University of Delhi
23	Department of Library & Information Science	Prof. Rupak Chakravarty	127 Faculty Induction Programme	Professional Development Programmes	Faculty Development Programme	National	University of Rajasthan	17/12/2021	13/01/2022	HRDC, University of Rajasthan
24	Department of Library & Information Science	Prof. Rupak Chakravarty	Research Archiving and Promotion	workshop	Academic and Research Event	National	West Bengal	14/09/2021	20/09/2021	Kalyani University,
25	Department of Library & Information Science	Prof. Rupak Chakravarty	Perception of Undergraduate Students towards mobile Library App: A Study of IIT BHU, Varanasi	conference	Academic and Research Event	International	online	11/04/2022	12/04/2022	Central Library Manipal University, Jaipur and Library & Learning Resource Centre, University of Dubai
26	Department of Library & Information Science	Prof. Rupak Chakravarty	Research Trends in Predatory Publishing: Ethics in Publication	conference	Academic and Research Event	International	online	11/04/2022	12/04/2022	Central Library Manipal University, Jaipur and Library & Learning Resource Centre, University of Dubai
27	Department of Library & Information Science	Dr. Shiv Kumar	Literature review: An Integral Part of Research	other	Academic and Research Event	State	Ferozepur, Punjab	27/07/2021	27/07/2021	Dev Samaj College of Education for Women, Ferozepur, Punjab
28	Department of Library & Information Science	Prof. Rupak Chakravarty	Paraphrasing in Academic Writing: OA Literature , Skills and Tools	workshop	Academic and Research Event	University	online	06/12/2021	06/12/2021	Department of Community Education & Disability Studies
29	Department of Library & Information Science	Prof. Rupak Chakravarty	Paraphrasing follow ups: Proof Reading and grammar correction	workshop	Academic and Research Event	University	online	06/12/2021	06/12/2021	Department of Community Education & Disability Studies
30	Department of Library & Information Science	Prof. Rupak Chakravarty	Citation Styles: Concept need and application in higher education and Research	workshop	Academic and Research Event	University	online	07/12/2021	07/12/2021	Department of Community Education & Disability Studies
31	Department of Library & Information Science	Prof. Rupak Chakravarty	Reference Management: Tools and Technicians	workshop	Academic and Research Event	University	online	07/12/2021	07/12/2021	Department of Community Education & Disability Studies
32	Department of Library & Information Science	Prof. Preeti Mahajan	Online Etiquettes for Teaching and Learning	seminar	Refresher Course	University	online	13/09/2021	13/09/2021	University of Calicut
33	Department of Library & Information Science	Prof. Rupak Chakravarty	Surf the 5 C's with Wakelet	Professional Development Programmes	Short-Term Course	International	online	01/09/2021	01/09/2021	Microsoft Educator centre

S. no	Department Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
34	Department of Library & Information Science	Prof. Rupak Chakravarty Mendeley Advisor Certificate	Professional Development Programmes	Short-Term Course	International	online	04/08/2021	04/08/2021	Mendeley Advisor Community
34	Department of Library & Information Science	Prof. Rupak Chakravarty Data Science Fundamentals	Professional Development Programmes	Short-Term Course	International	online	27/08/2021	27/08/2021	Corporate Finance Institute
35	Department of Library & Information Science	Prof. Rupak Chakravarty Wakelet	Professional Development Programmes	Short-Term Course	International	online	09/11/2021	09/11/2021	Wakelet Certified
36	Department of Library & Information Science	Prof. Rupak Chakravarty Understanding Open Educational Recourses	Professional Development Programmes	Short-Term Course	International	online	10/12/2021	10/12/2021	Common Wealth of Learning

#### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	Department of Library & Information Science	Anil Kumar	“Evaluation Of Library Service Quality Using Libqual+: A Comparative Study Of Universities Of North-Western India”.	2022-04-18	Prof. Preeti Mahajan

#### MISCELLANEOUS

Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
1	Department of Library & Information Science	PUDLIS Student Support Fund was initiated consultancy service was started

#### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
NIL							

#### 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
1	Department of Library & Information Science	3 Million years ago the victnity of Chandghiarh	Dept. of Geology	65	28/02/2022	Nationa	Webinar	0	28/02/2022
2	Department of Library & Information Science	Paraphrasing And Citation Styles In Academic Writing And Research Productivity	Dept. of Community Education and Disabilities Studies	60	06/12/2021	Nationa	Webinar	0	07/12/2021
3	Department of	“Personality	Central	55	02/03/2022	Nationa	Workshop	nil	03/03/2022

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
	Library & Information Science	Development and Soft Skills"	Placement Cell, Panjab University, Chandigarh						

### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022 Top of Form

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	24	0	24
Class rooms	2	0	2
Class rooms with Wifi/LAN facility	2	0	2
Class rooms with ICT facility (LCD/Projector)	2	0	2
No. of Research Labs	1	0	1
No. of Computer labs	2	0	2
Video Centre	0	0	0
Seminar Halls with ICT facility	0	0	0
Seminar Halls	0	0	0
No. of important equipments purchased ( $\geq$ 10 lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0

### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
International Women's Day 2022	08/03/2022	08/03/2022
Martyrs of Jallianwala Bagh Massacre	13/04/2022	13/04/2022
World Heritage Day	18/04/2022	18/04/2022
International Museum Day	18/05/2022	18/05/2022

### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

### 7. Number of Patents Published/Awarded

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

## 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
	NIL					

## INTERDISCIPLINARY CENTRE FOR SWAMI VIVEKANANDA STUDIES

### SUMMARY OF PUBLICATIONS

About the Centre: This Centre was established by the U.G.C. as a part of the IXth Plan to commemorate the epoch-making social thinkers of India in 2001 and in 2007 it was taken over by the Panjab University, Chandigarh. It is Interdisciplinary in nature thus it encourages faculty, researchers and students across disciplines to join research projects, Ph.D program and various courses run by the Centre. Faculty from all departments, Centres and affiliated colleges of the University participate in the seminars, symposium, workshops and lectures which are held on common themes of human values and concerns from time to time. The Centre collaborates with the organizations such as Ramakrishna Mission RKM, Vivekananda Kendra, Kanyakumari, Sri Ram Chandra Mission, Heartfulness Institute, Reader and Writers Society of India to take forward the mission of value education and character building. The Centre also conducts Self development program (SDP) in collaboration with Sri Ram Chandra Mission (SRCM) and Heartfulness Institute for students of the various departments of the University.

### PUBLICATIONS

#### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
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#### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
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#### DETAILS OF PUBLICATIONS

Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
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#### DETAILS OF PUBLICATIONS

Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
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### SUMMARY OF RESEARCH PUBLICATIONS JULY 1, 2021 TO JUNE 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total

NIL

### RESEARCH SCHEMES

Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration(in years)	Principal Investigator and Research Team
NIL	NIL	0	0	-1	0000	NIL

## SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT

### Details of Seminars, Conferences, and Workshops organized during the Academic Year

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
contributions of social sciences towards science and technology	2022-03-04	2022-03-04	Prof.Sanjeev.K.Sharma	75
"Revisiting our civilization History and why it matters"	2022-03-22	2022-03-22	Prof.Sanjeev K.Sharma	80
"The Legacy of Swami Vivekananda": Commemoration	2022-01-11	2022-01-15	Prof.Sanjeev K.Sharma	100
" Inspiration from Life & Works of Swami Vivekananda"	2022-01-15	2022-01-15	Prof.Sanjeev K.Sharma	70
" Mahatma Gandhi and Aidous Huxley"	2021-09-29	2021-09-29	Prof.Sanjeev K.Sharma	75

## SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Centre for Swami Vivekananda Studies	Prof.Sanjeev Kumar Sharma	"Mahatma Gandhi and Asdous Huxley"	webinar	Universal Values and Ethics	University	online	29/09/2021	29/09/2021	ICSVS

### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
NIL					

## MISCELLANEOUS

### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
1	Centre for Swami Vivekananda Studies	

### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
1	Centre for Swami Vivekananda Studies	NIL	NIL	NIL	NIL	NIL	NIL

### 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
1	Centre for Swami Vivekananda	contribution of social sciences towards science	Dept. of Gandhian studies and centre for Social Work	0	04/03/2022	National	NA	NA	04/03/2022

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
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Studies and technology

### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022 Top of Form

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	4	0	4
Class rooms	2	0	2
Class rooms with Wifi/LAN facility	1	0	1
Class rooms with ICT facility (LCD/Projector)	0	0	0
No. of Research Labs	0	0	0
No. of Computer labs	0	0	0
Video Centre	0	0	0
Seminar Halls with ICT facility	1	0	1
Seminar Halls	1	0	1
No. of important equipments purchased ( $\geq$ 10 lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0

### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
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#### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
Celebrating the National Youth Day	12/01/2022	12/01/2022
observance of Martyrdom day	30/01/2022	30/01/2022
International Yoga Day	21/06/2022	21/06/2022

### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

### 7. Number of Patents Published/Awarded

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

### 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

## HISTORY

### SUMMARY OF PUBLICATIONS

#### PUBLICATIONS

#### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Dr. Ashish Kumar (2022)	'Rulers, Buddha's Relics and Merit Sharing in North-western India: Gleanings from the Inscriptions of the Sakas, the Kusanas and the Hunas'; Birendra Nath Prasad, ed., Studies in the History and Culture of Ancient Indian Buddhism; Research India Press, New Delhi	9789351711988	National
Sarita (Research Scholar) (2021)	Religiousity and Mughal Emperor Jahangir: A Case study of the Temples of Rajasthan; Interfaith Understanding and Communal Harmony; Publication Bureau, Punjabi University, Patiala	978-81-302-0541-0	International

#### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Dr. Ashish Kumar (2022)	'Why the Aryans Still Matter? History, Historiography and Politics'; Contemporary Voice of Dalit	2456-0502	Yes	-
Dr. Jasbir Singh (2021)	Bastiwad, Sahitya ate Pratirodh- Jalianwale Bagh da Katalaam ate Punjabi Kavita; Parkh- Refereed Research Journal of Punjabi Language, Culture and Literature	2320-9690	Yes	Department of Punjabi, Panjab University
Dr. Jasbir Singh (2021)	Composite Culture, Census operations and Communal Consciousness in the Colonial Punjab; Panjab University Research Journal Social Sciences	0251-348X	Yes	Panjab University, Chandigarh
Sonu (Research Scholar) (2022)	Contribution of Lala Lajpat Rai in Freedom Struggle; Journal NX	2581-4239	Yes	Novateur Publications
Sonu (Research Scholar) (2022)	Contribution of Lala Lajpat Rai in Indian Freedom Struggle; Journal NX	2581-4230	Yes	Novateur Publications
Padma Lahmo (Research Scholar) (2021)	Patronization of Theravada Buddhism as Reflected in Mahavamsa; Modern Thamizh Research	2321-984X	No	Modern Thamizh Research
Dr. Ashish Kumar (2021)	The Huns ('Hunas') in India: A Review'; Studies in People's History	2348-4489	Yes	Aligardh Historians Society

#### DETAILS OF PUBLICATIONS

Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### DETAILS OF PUBLICATIONS

Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
Dr. Ashish Kumar	Alchon Huns; The Encyclopedia of Ancient History: Asia and	9781119399919	John Wiley &



Name of Author	Title of the Paper	ISSN Number	Publisher
(2022)	Africa (eds.) D. T. Potts, Ethan Harkness, Jason Neelis, Roderick McIntosh		Sons, Inc.
Dr. Ashish Kumar (2022)	Aulikaras; The Encyclopedia of Ancient History: Asia and Africa (eds.) D. T. Potts, Ethan Harkness, Jason Neelis, Roderick McIntosh	9781119399919	John Wiley & Sons, Inc.
Dr. Ashish Kumar (2022)	Subordinate Rulers of the Guptas; Encyclopedia of Ancient History: Asia and Africa (eds.) D. T. Potts, Ethan Harkness, Jason Neelis, Roderick McIntosh	9781119399919	John Wiley & Sons, Inc.
Dr. Jasbir Singh (2022)	Swantrata, Punjab Ate Nabri; Punjabi Tribune	NA	The Tribune Trust

#### SUMMARY OF RESEARCH PUBLICATIONS JULY 1, 2021 TO JUNE 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	Department of History	Peer Review Journals	3	2	1	6
2	Department of History	Non Peer Review Journals	0	1	0	1
3	Department of History	Book with ISBN	1	0	0	1
4	Department of History	Chapter in a book	0	1	0	1
5	Department of History	Newspaper and Media	4	0	0	4

#### RESEARCH SCHEMES

##### Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
NIL					

#### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT

##### Details of Seminars, Conferences, and Workshops organized during the Academic Year

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
NIL				

#### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

##### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Department of History	Dr. Ashish Kumar	Walking with River Sarasvati- Recent Historical Cultural and Scientific Findings	conference	Academic and Research Event	International	Panjab University	04/02/2022	04/02/2022	Department of History in collaboration with Haryana Sarasvati Heritage Development Board
2	Department of History	Dr. Ashish Kumar	Social and Historical Sciences for Research Scholars	workshop	Academic and Research Event	State	Himachal Pradesh University, Shimla	08/11/2021	14/11/2021	Department of History (ICDEOL), HPU, Shimla
3	Department	Dr. Bhartiya		conference	Academic	State	Thakur	04/12/2021	05/12/2021	Thakur Jagdev

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
	of History	Ashish Kumar	Freedom Movements: Narratives, Memories and Unsung-Heros		and Research Event		Jagdev Chand Smriti Shodh Sansthan, Neri, Hamirpur, Himachal Pradesh			Chand Smriti Shodh Sansthan, Neri, Hamirpur, Himachal Pradesh
4	Department of History	Dr. Ashish Kumar	Natioal Webinar: 'A Dancing Girl from Mohenjodaro- Art, History and Politics	webinar	Academic and Research Event	National	PCM SD, College for Women, Jalandhar, Punjab	19/01/2022	19/01/2022	Department of History & Fine Arts, PCM SD, College for Women, Jalandhar, Punjab
5	Department of History	Dr. Ashish Kumar	Two-days International Conference on Theorising Anticasteism	conference	Academic and Research Event	International	Presidency University, Kolkata	07/06/2022	08/06/2022	The Department of English, Presidency University, Kolkata
6	Department of History	Dr. jasbir Singh	Punjab History Conference	conference	Academic and Research Event	National	PATIALA	06/05/2022	08/05/2022	Punjabi university, Patiala
7	Department of History	Dr. Jasbir Singh	JallianwalaBagh: Past and Present	conference	Academic and Research Event	National	Amritsar	23/04/2022	24/04/2022	AIPWA and Jallianwala Bagh Chair, GNDU, Amritsar
8	Department of History	Dr. Jasbir Singh	Online Panel Discussion on "Bharat"	webinar	Academic and Research Event	National	Online	25/08/2021	25/08/2021	PURC, Ludhiana
9	Department of History	Dr. Jasbir Singh	Extension Lecture on Ghadar Lehar ate Punjabi samajik sabhyacharak sarokar	webinar	Academic and Research Event	National	online	24/02/2022	24/02/2022	ASSM College Mukandpur
10	Department of History	Dr. jasbir Singh	Extension Lecture on Punjab and Freedom Struggle	webinar	Academic and Research Event	National	Online	12/05/2022	12/05/2022	RRBAWADAV College for Girls, Batala
11	Department of History	Dr. jasbir Singh	Extension Lecture on Role of Punjab in Freedom Struggle of India	webinar	Academic and Research Event	National	Online	14/08/2021	14/08/2021	IETVE, PU, CHD
12	Department of History	Dr. Ashish Kumar	Refresher Course in History	Professional Development Programmes	Refresher Course	National	Jawaharlal Nehru University, N. Delhi	09/02/2022	09/02/2022	UGC-HRDC, JNU, N. Delhi
13	Department of History	Dr. Ashish Kumar	Refresher Course in History	Professional Development Programmes	Refresher Course	National	Jawaharlal Nehru University,	12/07/2022	12/07/2022	UGC-HRDC, JNU, N. Delhi

S.no	Department Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
14	Department of History	Dr. Ashish Kumar	Panel Discussion, webinar	Universal Values and Ethics	National	N. Delhi PU, Regional Centre, Ludhiana	25/08/2021	25/08/2021	PU, Regional Centre, Ludhiana
18	Department of History	Dr. Jasbir Singh	Divided Humanities: Divided Selves	Academic and Research Event	National	online	09/05/2022	09/05/2022	Department of Political Science, Deshbandhu College New Delhi in Collaboration with Nihal Foundation

#### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	Department of History	Navjot Kaur	Public Health Services and Sanitation in Colonial Punjab	2021-08-24	Prof. Manju Malhotra
2	Department of History	Mandakini	Technology and the Colonial Punjab: Impact on Society	2021-08-17	Dr. Sheena Paul
3	Department of History	Tarsem	Youth consciousness in Punjab from 1966 to 1993: A study of Naxalite movement and Sikh separation	2021-08-24	Dr. Sukhmani Bal Riar
4	Department of History	Ravneet Gill Singh	Sikh Participation in First World War : A Socio- Cultural Study	2022-04-12	Prof. Anju Suri
5	Department of History	Paramjit Dhull	Khap Panchayats: Organization and Functioning (A case study of Deswali Belt in Haryana in 20th C.)	2022-04-22	prof. Devi SUrohi
6	Department of History	Shiv Lal Bhardwaj	Arya Samajh in the Hills of Colonial Punjab	2022-04-22	Prof. Sukhmani Bal Riar
7	Department of History	Rajiv Atwal	Scavenging-Sweeping Communities of North India: A Case study of Valmiki Community of Punjab	2022-02-18	Prof. M. Rajivlochan
8	Department of History	Purshottam SIngh	Economic Transformation: A Case Study of Shimla Hills 1948-2001	2022-03-11	Prof. Manju Malhotra
9	Department of History	Parvinder Kaur	History Literature Interface: A Study of Punjabi Society	2022-04-11	Prof. Manju Malhotra

#### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
NIL		

#### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
NIL							

## 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
NIL	-	-	-	-	-	-	-	-	-

## 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022 Top of Form

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	8	0	8
Class rooms	5	0	5
Class rooms with Wifi/LAN facility	5	0	5
Class rooms with ICT facility (LCD/Projector)	5	0	5
No. of Research Labs	0	0	0
No. of Computer labs	0	0	0
Video Centre	0	0	0
Seminar Halls with ICT facility	1	0	1
Seminar Halls	1	0	1
No. of important equipments purchased ( $\geq$ 10 lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0

## 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

## 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
NIL		

## 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

## 7. Number of Patents Published/Awarded

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

## 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

## POLITICAL SCIENCE

### SUMMARY OF PUBLICATIONS

#### PUBLICATIONS

#### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Prof Ronki Ram (2022)	"Can 'Territoriality' be Social? Interrogating the 'political' of dalit social inclusion in India,"; Deleuze, Guattari and India: Exploring a Post-Postcolonial Multiplicity; Routledge, London and New York	9781032250182	International
Prof Ronki Ram (2021)	Critical Dalit Studies; Religion, Conflict, and Global Society: A Festschrift Celebrating Mark Juergensmeyer; Copenhagen: Danish Institute for International Studies	978-87-7236-019-5	International
Prof. Mukherjee (2022)	Pampa Elections, parties and democracy in India: the parliamentary elections of 2019, and beyond; The 2019 Parliamentary Elections.: Democracy at Cross Roads; Routledge	9781032198323	International
Prof Mukherjee (2022)	Pampa Electoral politics in a hill state 2019 elections in Uttarakhand; Electoral Dynamics in the States of India; Routledge, New Delhi	9781003159971	International
Prof. Mukherjee (2022)	Pampa Electoral Politics in a Hill State:2019 Elections in Uttarakhand; Electoral Dynamics in the States of India:2019 and Beyond; Routledge, New Delhi	9781032198323	International
Prof Ram (2022)	Ronki Pagrhi Sambhal Lehar to Samyukt Kisan Morcha: A Century of Punjab Kisan Struggle 1907-2021; -, Unistar Books,	978-9352055975	National
Prof Ram (2022)	Ronki Sanyukat Kisan Morche Takk (A Century of Punjab Kisan Struggle: Pagrhi Sambhal Lehar to Samyukt Kisan Morcha); -, Chetna Parkashan	NA	National
Prof (2021)	Navjot Quest for Gender Equality in India through Education,; Changing Contours of Open and Distance Learning in Higher Education (ed.) By Yojna Rawat, Supreet Kaur and Ram Mehar; Twenty first Century Publications,	979-93-89673-63-0,	National
Prof Kumar (2021)	Ashutosh Success of the congress in Punjab- an outlier in the north; Electoral Dynamics in the States of India; Routledge, London and New Delhi	9780367679743	International
Prof. Mukherjee (2022)	Pampa The Parliamentary Elections of 2019 in India: Democracy at Crossroads; The Parliamentary Elections of 2019 in India: Democracy at Crossroads?; Routledge India(co ed), New Delhi.	9781032198323	International

#### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Prof. Ronki Ram (2022)	Ad Dharm Lehar atey Babu Mangu Ram Mugowalia; Desh Doaba	Vol 11, Issue 11, June 22, 2022, p.1	No	Desh Doaba
Prof. Ronki Ram (2022)	Agrarian Resistance in Punjab: Contextualising Farmer Protests at the Gates of Delhi in a Historical Perspective; Journal of Sikh & Punjab Studies	Vol. 29, Nos. 1&2, Spring-Fall, 2022, pp. 11-68	Yes	GISS, New York

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Prof. Ronki Ram (2022)	Ambedkar on the Question of Indian Nationalism; Ambedkar Times	Vol. 13, Issue 36, November 17, 2021, pp. 1-2.	No	Ambedkar Times
Prof. Ronki Ram (2022)	Ambedkar, Caste and Nation: A Subaltern Perspective; Ambedkar Times	Vol. 14, Issue 5, April 13, 2022, pp. 1-2	No	Ambedkar Times
Prof Ashutosh Kumar (2021)	‘Shiromani Akali Dal: Ideology, strategy, and Support Bas; Sikh Formation: Religion, Culture, Theory,	0	Yes	Routledge, UK
Prof. Ronki Ram (2022)	British Columbia Government Proclaims April as ‘Dalit History Month’ in Recognition of Seminal Contribution of Four Dalit Icons; Ambedkar Times	Vol. 14, Issue 4, April 6, 2022, p. 1.	No	Ambedkar Times
Prof. Ashutosh Kumar (2022)	Gurinder Singh Kairon, Meeta Rajivlochan, and M. Rajivlochan. Partap Singh Kairon: A Visionary; Journal of Sikh & Punjab Studies	0971-5223	Yes	Global Institute for Sikh Studies, New York
Prof. Ronki Ram (2022)	Making sense of agrarian distress and peasant struggles in Punjab; Sikh Formations	Volume 18, 2022 - Issue 1-2	Yes	Routledge
Prof. Ronki Ram (2021)	Nili Bar and Lahore Morchas: Historical Context of Delhi Kisan Morchas at the Borders of Delhi – II; Ambedkar Times	Vol. 13, Issue 32, October 20, 2021, p. 1.	No	Ambedkar Times
Prof Ashutosh Kumar (2021)	Politics and government in the “Hindi heartland” India: reading Raag Darbari; India Review	14736489	Yes	Routledge
Prof Ashutosh Kumar (2021)	Politics and government in the “Hindi heartland” India: reading Raag Darbari; India Review	Pages 34-56	Yes	Routledge
Prof. Navjot (2022)	Role of Ad-Dharm Movement in Dalits’ Lives and Its Relevance in Present Times; Quest Journals, Journal of Research in Humanities and Social Science	Volume10, Issue7 (2022) PP: 266-270ISSN(Online): 2321-9467	No	Quest Journals
Prof. Ashutosh Kumar (2021)	Shiromani Akali Dal (1920-2020): Ideology, strategy, and Support Base; Sikh Formation: Religion, Culture, Theory	<a href="https://www.tandfonline.com/doi/full/10.1080/17448727.2021.1873654?src=&amp;journalCode=rsfo20">https://www.tandfonline.com/doi/full/10.1080/17448727.2021.1873654?src=&amp;journalCode=rsfo20</a>	Yes	Routledge
Prof. Ashutosh Kumar (2022)	The Political Economy of India’s New Middle Class; EPW Vol. 57, Issue No. 26-27, 25 Jun, 2022	ISSN (Print) - 0012-9976   ISSN (Online) - 2349-8846	Yes	EPW
Prof. Ashutosh Kumar (2022)	Tracing a Century of Struggle; The Book Review	volume 46, No 4	Yes	The Book Review

#### DETAILS OF PUBLICATIONS

##### Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

## DETAILS OF PUBLICATIONS

### Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
Prof. Ronki Ram (2021)	Ambedkar's nationalism addressed the heart of the matter; Forward Press	0	Forward Press
Ms. Janaki Srinivasan (2022)	'Punjab's women: In driver's seat in activism, on back foot in electoral politics'; Network for Women in Media, India	0	Network for Women in Media, India
Ms. Janaki Srinivasan (2022)	'The 'Chandigarh Question''; The Hindu	0	The Hindu
Prof. Ronki Ram (2022)	Babu Mangu Ram Mugowalia: Founder of the Ad Dharm Movement; Ambedkar Times	0	Ambedkar Times
Prof. Ronki Ram (2022)	Casteization of Politics vs Politicization of Caste; Ambedkar Times	Vol. 13, Issue 37, November 24, 2021, pp. 1-3	Ambedkar Times
Prof. Ashutosh Kumar (2022)	Challenges ahead after the AAP tsunami in Punjab; The New Indian Express	NA	The New Indian Express
Prof. Ronki Ram (2021)	Chandigarh Morcha: Historical Context of Delhi Kisan Morchas at the Borders of Delhi – III; Ambedkar Times	Vol. 13, Issue 33, October 27, 2021, pp. 1-2	Ambedkar Times
Prof. Ronki Ram (2021)	Change of Guard in Punjab: The Time of New Idea has come; Ambedkar Times	ol. 13, Issue 28, September 22, 2021, pp. 1-2	Ambedkar Times
Prof. Ronki Ram (2021)	Charanjit Singh Channi's appointment as CM heralds winds of change in Punjab; Forward Press	0	Forward Press
Prof. Ronki Ram (2021)	Dalit Space, Assertion and Social Inclusion; Ambedkar Times	Vol. 13, Issue 21, August 4, 2021, pp. 1-4.	Ambedkar Times
Prof. Pampa Mukherjee (2022)	Decision 2022: Will AAP make a difference to Punjab Dalit issues? Watch this space; 0	0	Down To Earth
Prof. Ronki Ram (2022)	Desperate Punjab had a dream – This is how AAP took it away; The Print	0	The Print
Prof. Ronki Ram (2021)	Forging Unity between Unequals: Unrivalling SAD-BSP Alliance; Academia Letters	0	Academia Letters
Prof. Ronki Ram (2022)	Historical Context of Delhi Kisan Morcha: Pre-partition Agrarian Movements - 1; Ambedkar Times	Vol. 13, Issue 26, September 8, 2021, pp. 1-2.	Ambedkar Times
Prof. Ronki Ram (2022)	Interpreting Simranjit Singh Mann's Victory in Sangrur Lok Sabha Bypoll; Ambedkar Times	Vol. 14, Issue 16, June 29, 2022, pp. 1-2.	Ambedkar Times
Prof. Ronki Ram (2022)	LAL SINGH DIL: POET OF PEOPLES; Ambedkar Times	V01-14, Issue- 4	Ambedkar Times
Prof. Ashutosh Kumar (2022)	Limits of AAP's anti-corruption moves in Punja; Indian Express	NA	Indian Express
Ms. Janaki Srinivasan (2022)	Living in a Wordle-crazed world; 0	0	The Indian Express
Prof. Ronki Ram	Making sense of the Verdict of 2022 Assembly Polls;	Vol. 13, Issue 52,	Ambedkar Times

Name of Author	Title of the Paper	ISSN Number	Publisher
(2022)	Ambedkar Times	March 9, 2022, p. 1	
Prof. Ashutosh Kumar (2022)	MG Devasahayam's 'Electoral Democracy' is a critical assessment of electoral process; The Tribune	NA	The Tribune
Prof. Ronki Ram (2022)	On the Foundation of the Ad Dharm Movement (June 11-12; Ambedkar Times	Vol. 14, Issue 14, June 15, 2022, pp. 1-2	Ambedkar Times
Prof. Ronki Ram (2022)	One thing you are not seeing in Punjab election and Ram Rahim release – Power of Dera; The Print	0	The Print
Prof. Ronki Ram (2022)	Parents, Pinds and Weapons: Deciphering Sidhu Moosewala; Ambedkar Times	Vol. 14, Issue 15, June 22, 2022, p. 2.	Ambedkar Times
Prof Mukherjee (2022)	Pampa Punjab Assembly Elections 2022: Dalit votes matter, but what about their issues; 0	0	Down to Earth
Prof. Ronki Ram (2021)	Punjab de Siyasat: Nawae Yug da Aagaz? (Transl. by P.S. Bhogal); Desh Doaba	ol. 10, Issue 25, September 29, 2021, p. 19	Desh Doaba
Prof. Ronki Ram (2021)	Punjab ik mahatvpuran te itihask tabdili dae morh te; Desh Doaba	0	Desh Doaba
Prof. Ronki Ram (2022)	Punjab Polls: Regions, Deras and Electoral Politics; Outlook	0	Outlook
Prof. Ronki Ram (2021)	Punjab's many Dalit Sikhs – Ramdasia, Ravidasia, Mazhabis, Ranghretas, Rai, Sansi; The Print	0	The Print
Prof. Ronki Ram (2022)	Reading Social Democracy with Ambedkar; Ambedkar Times	Vol. 14, Issue 17, July 6, 2022, pp. 1-2	Ambedkar Times
Prof. Ronki Ram (2021)	Samajik-Rajnitik Satar Par Khandith hai Punjab kae Dalits; Forward Press	0	Forward Press
Prof. Ronki Ram (2022)	Shooshat Khilaf Dalit Drishtikon de Mondi Ambedkar (Founder of Perspective of Untouchability); Punjabi Tribune	0	Punjabi Tribune
Prof. Ronki Ram (2022)	Sidhu Moosewala at the Intersectionality of Market and Punjabi Culture; Outlook	0	Outlook
Prof. Ronki Ram (2022)	Simranjit Singh Mann is reborn because there's an Uneasy Vacuum in Punjab; ThePrint	NA	The Print
Prof. Ronki Ram (2022)	The 1907 Pagrhi Sambhal Jatta and 2020 protests had a common goal – saving farmers' 'hond; The Print	0	The Print
Prof. Ashutosh Kumar (2022)	The AAP gale wind that swept through Punjab; The Hindu	NA	The Hindu
Prof. Ashutosh Kumar (2022)	The long, steep road ahead for the Akali Dal; The Hindu	NA	The Hindu
Prof. Ronki Ram (2021)	The Sociopolitical fault lines that run through Punjab's SC community; Forward Press	0	Forward Press
Prof. Ronki Ram (2021)	Varn, Dharm, Jat Atey Siyasa; Nawan Zamana	0	Nawan Zamana
Prof. Ronki Ram (2021)	Varn, Dharm, Jat Atey Siyasa; Nawan Zamana	0	Nawan Zamana



Name of Author	Title of the Paper	ISSN Number	Publisher
Prof. Ronki Ram (2022)	Varna, Dharm, Jati aur Siyasat,” (Hindi); Forward Press	0	Forward Press
Prof. Ronki Ram (2022)	Verdict shows Punjab will resist efforts to diminish social cohesiveness; News nine	0	News nine
Prof. Ronki Ram (2022)	Why Consolidation of Dalit Votes in Punjab is Unrealistic; Outlook	0	Outlook
Prof. Ronki Ram (2021)	Why Scheduled Castes in Punjab failed to Harvest Electoral Gains Corresponding to their Numerical Strength; Ambedkar Times	Vol. 13. Issue 31, October 13, 2021	Ambedkar Times
Ms. Srinivasan (2021)	Janaki Why the farmers’ movement must broaden its agenda; The Indian Express	0	The Indian Express

### SUMMARY OF RESEARCH PUBLICATIONS JULY 1, 2021 TO JUNE 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	Department of Political Science	Peer Review Journals	8	1	0	9
2	Department of Political Science	e-Journals	5	1	0	6
3	Department of Political Science	Book with ISBN	0	1	0	1
4	Department of Political Science	Book without ISBN	0	1	0	1
5	Department of Political Science	Edited Books	1	0	0	1
6	Department of Political Science	Chapter in a book	6	2	0	8
7	Department of Political Science	Newspaper and Media	12	32	0	44

### RESEARCH SCHEMES

Sponsored Research Projects during the Academic Year 2021 - 2022	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
ICSSR	Appropriation of the Commons: A Study of Village Commons in Punjab and Telengana	1500000	1500000	Projects Sponsored by the University / College	2021 - 2021	Dr Gummadi Sridevi
Chandigarh Commission for Protection of Child Rights	COVID-19, Digital Challenges in Learning and Experiences of Children in Chandigarh: A Study of Government & private Schools.	50000	50000	Others	2021 - 2022	Prof. Pampa Mukherjee
UNESCO Office in New Delhi 1, San Martin Marg, Chanakya Puri NEW DELHI	UNESCO &P&G - #KeepGirlsInSchool project	146000	109500	Others	2021 - 2021	Prof. Pampa Mukherjee

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT**

**Details of Seminars, Conferences, and Workshops organized during the Academic Year**

**Title of the Event    From Date    To Date    Name of Coordinator / Convener    Number of Participants**

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY**

**3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022**

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Department of Political Science	Prof. Ashutosh Kumar	Research Methodology	Professional Development Programmes	Faculty Development Programme	National	Raksha Shakti University, Gandhinagar	13/09/2021	14/09/2021	Raksha Shakti University, Gandhinagar
2	Department of Political Science	Prof. Ashutosh Kumar	'Political Leadership India	in conference	Others	International	Oxford University Press and Indiana University	30/05/2022	31/05/2022	Oxford University Press and Indiana University
3	Department of Political Science	Prof. Ashutosh Kumar	Punjab Assembly Elections Verdict	workshop	Others	International	King's Institute, London India	04/04/2022	04/04/2022	King's India Institute
4	Department of Political Science	Prof. Ashutosh Kumar	'Political Leadership India	in conference	Others	International	New Delhi	30/05/2022	31/05/2022	Oxford University Press and Indiana University,
5	Department of Political Science	Prof. Ronki Ram	Life Infinite: Immanence, Inflection, Indeterminacy	conference	Others	International	India	11/11/2021	14/11/2021	Deleuze and Guattari Studies
6	Department of Political Science	Prof. Ronki Ram	Why do we need to talk about caste?	webinar	Others	International	Kolkata	17/09/2021	18/09/2021	The Asiatic Society
7	Department of Political Science	Prof. Pampa Mukherjee	Environment and Politics India	in webinar	Others	National	D.A.V. College Hoshiarpur, Punjab,	11/03/2022	11/03/2022	Department of Political Science ,
8	Department of Political Science	Prof. Pampa Mukherjee	Cultural Studies and Political Science- Possibilities of a Common Ground	seminar	Others	National	India	26/11/2021	26/11/2021	Cultural Studies
9	Department of Political Science	Prof. Pampa Mukherjee	Global Protection of Migrants and Refugees,	of workshop	Others	National	Kolkata	15/11/2021	20/11/2021	Kolkata
10	Department of Political Science	Prof. Pampa Mukherjee	2-weeks Refresher course on Political Science & Public Administration	on other	Others	State	Himacahl Pradesh University, Shimla	13/12/2021	25/12/2021	UGC-human Resource Development Centre
11	Department of Political Science	Prof. Pampa Mukherjee	Green Development in Tropical Regions "Governance Challenges of Green Development in Tropical Asia"	conference	Others	International	Padang West Sumatera, Indonesia	07/07/2021	08/07/2021	Graduate Program Universitas Andalas

**Ph.D. Awards****Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022**

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
-	-	-	-	-	-

**MISCELLANEOUS****Any other noteworthy achievement of the department during this Academic Year 2021 - 2022**

S.no	Department	Achievement
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**1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities**

SNo	Department	Title of MoU	of Organisation with which MoU is signed	Name of Institution/ Industry / Corporate house	Department/ Date Signing	of Valid Upto	Level
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No Data Entered !

**2. Details of Collaborative activities**

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
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**3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022**

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	12	0	12
Class rooms	12	0	12
Class rooms with Wifi/LAN facility	3	0	3
Class rooms with ICT facility (LCD/Projector)	3	0	3
No. of Research Labs	0	0	0
No. of Computer labs	1	0	1
Video Centre	0	0	0
Seminar Halls with ICT facility	1	0	1
Seminar Halls	1	0	1
No. of important equipments purchased ( $\geq 10$ lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0

**4. Details of Extracurricular Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

**5. Activities to celebrate / organize national and international commemorative days, events and festivals**

Title of Event	From Date	To Date
Preamble of Indian Constitution	26/11/2021	26/11/2021

**6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

## 7. Number of Patents Published/Awarded

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

## 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	of Name of the Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

# PHILOSOPHY

## SUMMARY OF PUBLICATIONS

The Department was established in 1959. The Department provides instructions for M.A. in Philosophy, besides research guidance for a Doctoral Degree and subsidiary courses in Philosophy to the P.U. ISSER Social Sciences students and Sikh Studies of Comparative Religion. The Department strives to provide the students an extensive exposure to Western and Indian Philosophical Traditions and an intensive training for analytical skills and reasoning through lectures, tutorials and seminars. An active participation and regular attendance in all these activities is compulsory. The faculty of the Department takes an active interest in interacting with the faculty and students of the allied departments of their academic areas of interest particularly in Humanities and Social Sciences in the Faculties of Arts, Languages, Design & Fine Arts

## PUBLICATIONS

### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
NIL			

### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Dr Pankaj Srivastava & Neetu (2022)	Addressing Moral Dilemmas Thinking Through Socrates Dialogue; Journal of Foundational Research	2395-5635	Yes	Department of Philosophy , University of Rajasthan
Dr. Pankaj Srivastava (2022)	Discerning the liberatory concerns of Dignagas logico epistemic scheme; thinking through pramanasamuccaya; Journal of foundation research	2395-5635	Yes	University of Rajasthan
Lallan Singh Baghel (2022)	Ethics in Public Life: Some Philosophical and Normative Reflections; CHINTAN	ISSN:2229-7227	Yes	Acharya Academy, India
Lallan Singh Baghel (2020)	Feminism as a counter-public sphere and debates on Intersectionality in India : Raising a few normative and epistemological concerns; Panjab University Research Journal Social Sciences	0251-348X	Yes	Panjab University
Dr.Pankaj Srivastava (2021)	Hinsa per ek darshanic Bhas : Hanna Arendt aur Bhartiya Parampara ke Sandarb mai; Unmilan (उन्मीलन)	0974-0053	Yes	Darshan Pratishthan

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Lallan Singh Baghel (2021)	Human Rights Multiculturalism and the politics of Recognition : Some Philosophical Reflections; Panjab University Research Journal (Arts)	0970-5260	Yes	Panjab University

#### DETAILS OF PUBLICATIONS

##### Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### DETAILS OF PUBLICATIONS

##### Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### SUMMARY OF RESEARCH PUBLICATIONS JULY 1, 2021 TO JUNE 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	Department of Philosophy	Peer Review Journals	1	5	0	6

#### RESEARCH SCHEMES

##### Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration(in years)	Principal Investigator and Research Team
NIL					

#### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT

##### Details of Seminars, Conferences, and Workshops organized during the Academic Year

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
India Studies: Locating the Contours of Indian Modernities: Challenges and Possibilities	2022-03-12	2022-03-25	HRDC Panjab University	66

#### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

##### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Department of Philosophy	Dr Pankaj Srivastava	Indian Sanatan Values in the Global Scenerio: Historicity , Continuity and Relevance	seminar	Universal Values and Ethics	National	Varanasi	03/12/2021	04/12/2021	Department of History & Pt Deen Dayal Chair Faculty of Social Science Banaras Hindu University
2	Department of Philosophy	Dr. Pankaj Srivastava	International Conference on Philosophical Counselling: Concepts, Methods & Debates	conference	Academic and Research Event	International	University of Delhi, New Delhi	14/01/2022	16/01/2022	Department of Philosophy ,University of Delhi, New Delhi

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
3	Department of Philosophy	Dr Pankaj Srivastava	Popular Markham Lecture Series 2021-22 on the Problem of Social Life and Relevance of Universal Religion	webinar	Social Issues	National	Hazaribag	30/01/2022	31/01/2022	Department of Philosophy and Department of Political Science Markham College of Commerce, Hazaribag,
4	Department of Philosophy	Dr. Pankaj Srivastava	Refresher Course on India Studies	Professional Development Programmes	Academic and Research Event	National	Panjab University Chandigarh	12/03/2022	25/03/2022	UGC- HRDC Panjab University
5	Department of Philosophy	Dr Pankaj Srivastava	Indian Philosophy Today	seminar	Academic and Research Event	National	Delhi	30/07/2021	30/07/2021	Department of Philosophy University of Delhi
6	Department of Philosophy	Dr. Pankaj Srivastava	National Webinar on Gandhi For Us	webinar	Social Issues	National	Jaipur	05/10/2021	05/08/2022	Department of Philosophy University of Rajasthan
7	Department of Philosophy	Lallan Baghel	Understanding The Nature of Body Politics in the Times of Pandemics: Raising some Normative Philosophical Questions	Professional Development Programmes	Academic and Research Event	National	Pune	22/12/2021	22/12/2021	UGC HRDC SPPU Pune and Philosophy Department SPPU Pune
8	Department of Philosophy	Lallan singh Baghel	“Understanding the Nature of Body Politics in the times of Pandemic: Raising some normative and Philosophical Questions”	other	Academic and Research Event	National	Department of Philosophy, Savitribai Phule Pune University under the auspices of UGC, H.R.D.C. Savitribai Phule Pune university	15/12/2021	28/12/2021	Department of Philosophy, Savitribai Phule Pune University under the auspices of UGC, H.R.D.C. Savitribai Phule Pune university
9	Department of Philosophy	Lallan singh Baghel	Issues of Social Justice	other	Academic and Research Event	National	Publication Bureau, Panjabi university, Patiala.	09/12/2021	09/12/2021	Publication Bureau, Panjabi university, Patiala.
10	Department of Philosophy	Lallan singh Baghel	“Challenges and Prospects of Higher Education”	seminar	Academic and Research Event	National	Goswami Ganesh Dutta Sanatan Dharma College, Sector 32, Chandigarh	21/04/2022	21/04/2022	Goswami Ganesh Dutta Sanatan Dharma College, Sector 32, Chandigarh
11	Department of Philosophy	Lallan singh Baghel	Shifting Trajectories of Research in Cultural Studies	seminar	Academic and Research Event	National	Department of English and Cultural Studies, Panjab University, Chandigarh.	26/11/2021	26/11/2021	Department of English and Cultural Studies, Panjab University, Chandigarh.
12	Department of	Lallan singh	“Immigration Trends from	seminar	Academic and Research	National	GLOCAL, Foundation of	10/07/2021	10/07/2021	GLOCAL, Foundation of

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
	Philosophy	Baghel	India to Canada''		Event		Canada, an initiative of British Columbia University, Canada			Canada, an initiative of British Columbia University, Canada
13	Department of Philosophy	Prof. Asha Maudgil	Social Responsibility: A philosophical Analysis	seminar	Academic and Research Event	National	Kurukshetra University	25/03/2022	25/03/2022	Kurukshetra University
14	Department of Philosophy	Prof. Asha Maudgil	Need of Gender sensitisation in making a	seminar	Academic and Research Event	National	DAV University, Amritsar	20/12/2021	20/12/2021	DAV University, Amritsar
15	Department of Philosophy	Lallan Baghel	NEP 2020 & Ethical Paradigms in Pedagogy	Professional Development Programmes	Faculty Development Programme	National	Goswami Ganesh Dutta Sanatan Dharma College	21/06/2022	21/06/2022	GGDSC College sector 32 & PUHRDC
16	Department of Philosophy	Lallan Baghel	Science, Social Sciences and Humanities: A Quest for Interdisciplinary understanding	Professional Development Programmes	Faculty Development Programme	National	PGGCG sector 11 - Online Mode	23/07/2021	23/07/2021	IQAC PGGC-Sector 11
17	Department of Philosophy	Lallan Baghel	Challenges and Prospects of Higher Education	seminar	Others	National	Goswami Ganesh Dutta Sanatan Dharma College	21/04/2022	21/04/2022	Goswami Ganesh Dutta Sanatan Dharma College Sector 32 Chandigarh
18	Department of Philosophy	Dr. Shivani Sharma	Ek Bharat, Shreshth Bharat	seminar	Academic and Research Event	National	Pali and Rakrti, GNDU Amritsar	23/03/2021	23/03/2021	Pali and Rakrti, GNDU Amritsar
19	Department of Philosophy	Dr. Shivani Sharma	Feminism: Myth or Reality	seminar	Academic and Research Event	National	ICPR, Lucknow	07/03/2021	07/03/2021	ICPR, Lucknow
20	Department of Philosophy	Dr. Shivani Sharma	Refresher Course	other	Short-Term Course	University	HRDC, Panjab University	16/02/2021	16/02/2021	HRDC, Panjab University
21	Department of Philosophy	Dr. Shivani Sharma	Knowledge Realisation and Transformation: Understanding the Objectives of Methods and Debates	conference	Academic and Research Event	International	University of Delhi ICPR	14/01/2022	16/01/2022	University of Delhi ICPR
22	Department of Philosophy	Dr. Shivani Sharma	Creativity and Rationality: Extending the domains of Knowledge	Nil/NA	Academic and Research Event	National	Dr. Harishingh Gour Vishvavidyalaya Sagar	17/09/2021	17/09/2021	Dr. Harishingh Gour Vishvavidyalaya Sagar
23	Department of Philosophy	Dr. Shivani Sharma	Special Lecture on Ethics in Police Work	other	Academic and Research Event	National	Punjab Police Academy	09/08/2021	09/08/2021	Phillaur
24	Department of Philosophy	Dr. Shivani Sharma	Human Values and Professional Ethics	seminar	Academic and Research Event	National	SD College Ambala Cantt	04/09/2021	04/09/2021	, S D College Ambala Cantt
25	Department of Philosophy	Dr. Shivani Sharma	Raising Consciousness and Learning Process: A	other	Faculty Development Programme	National	Tezpur University	12/08/2021	12/08/2021	Tezpur University

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
			philosophical perspective							
26	Department of Philosophy	Dr. Shivani Sharma	Stri Vimarsh ke Darshanik Avadharnaye	other	Faculty Development Programme	National	Ramanujan College Delhi	30/07/2021	30/07/2021	Ramanujan College Delhi
27	Department of Philosophy	Dr. Shivani Sharma	Needonomics and Atma Nirbharta	other	Faculty Development Programme	National	HRDC Panjab University	14/07/2021	20/07/2021	HRDC Panjab University
28	Department of Philosophy	Dr. Shivani Sharma	Being Virtuous: Exploring the Domain of VAlue System	other	Academic and Research Event	National	Government College, Sector 46, Chandigarh	09/10/2021	09/10/2021	Government College, Sector 46, Chandigarh
29	Department of Philosophy	Dr. Shivani Sharma	The Necessity of Ethical Training: A philosophical perspective	other	Academic and Research Event	State	PUISSER, P.U., Chandigarh	24/08/2021	24/08/2021	PUISSER, P.U., Chandigarh
30	Department of Philosophy	Dr. Shivani Sharma	Vedon mein Adarsh Samaj ki Avdharna,	seminar	Academic and Research Event	National	Kanya Mahavidyala ya Jalandhar	11/03/2022	11/03/2022	Kanya Mahavidyalaya Jalandhar
31	Department of Philosophy	Dr. Shivani Sharma	Resource Time and Stress Management	other	Faculty Development Programme	National	Hemvati Nandan Bahuguna Garhwal University, Srinagar	28/02/2022	28/02/2022	Hemvati Nandan Bahuguna Garhwal University, Srinagar
32	Department of Philosophy	Dr. Shivani Sharma	Saundaryanubhuti, Darshan Evam Acharya Abhinavagupta	other	Academic and Research Event	National	Department of sanskrit Pali and Prakrit, GNDU	09/06/2022	09/06/2022	Department of sanskrit Pali and Prakrit, GNDU
33	Department of Philosophy	Dr. Shivani Sharma	Knowledge, Realisation and Transformation Understanding the Objectives of Philosophical Counselling	conference	Academic and Research Event	International	Department of Education, University of Delhi	14/01/2022	16/01/2022	Department of Philosophy, University of Delhi
34	Department of Philosophy	Dr Pankaj Srivastava	7-Days FDP on "Science, Social Science and Humanities: A Quest for Interdisciplinary Understanding	Professional Development Programmes	Faculty Development Programme	National	Human Resource Development Centre, Panjab University, Chandigarh	06/08/2021	12/08/2021	Post Graduate Government College for Girls, Sector 11, Chandigarh, collaboration with Human Resource Development Centre, Panjab University, Chandigarh

### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	Department of Philosophy	of Nguyen Tam Tu	Thi Value of Buddhism for young people a philosophical perspective	2021-09-21	Prof. ASha Maudgil



**MISCELLANEOUS**

Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
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1	Department of Philosophy	We organise interdisciplinary interactions with scholars from India and abroad including scholars from various universities both National and Abroad.
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**1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities**

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
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NIL

**2. Details of Collaborative activities**

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
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**3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022**

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	8	0	8
Class rooms	3	0	3
Class rooms with Wifi/LAN facility	1	0	1
Class rooms with ICT facility (LCD/Projector)	1	0	1
No. of Research Labs	0	0	0
No. of Computer labs	0	0	0
Video Centre	1	0	1
Seminar Halls with ICT facility	0	0	0
Seminar Halls	0	0	0
No. of important equipments purchased (>= 10 lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0

**4. Details of Extracurricular Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
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**5. Activities to celebrate / organize national and international commemorative days, events and festivals**

Title of Event	From Date	To Date
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NIL

**6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
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NIL

**7. Number of Patents Published/Awarded**

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
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NIL

**8. Revenue generated through consultancy**

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

**PSYCHOLOGY**

**SUMMARY OF PUBLICATIONS**

**PUBLICATIONS**

**DETAILS OF PUBLICATIONS**

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
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**Details of Publications**

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Jitendra Mohan and Jyoti (2022)	An Empirical Investigation on MLA's of Haryana State; Indian Journal of Psychology	0019-5553	Yes	Saar Publisher
Jitendra Mohan and Medhavi Gugnani (2022)	Character Strengths, Stress and Coping Styles of Adolescents; Indian Journal of Psychology	0019-5553	Yes	Saar Publisher
Jitendra Mohan and Guneet Interjit Kaur (2021)	Emotional Intelligence in Sports and Academic; Indian Journal of Psychology	0019-5553	Yes	Saar Publisher
Jitendra Mohan and Ridhima Sharma (2021)	Flourishing, Mental Health and Resilience : A Review; Indian Journal of Psychology	0019-5553	Yes	Saar Publisher
Jitendra Mohan and Kuldeep Singh (2021)	Passion : A New Wheel of Sports Activity; Indian Journal of Psychology	0019-5553	Yes	Saar Publisher
Jitendra Mohan and Mohd. Mustafa (2022)	Psychological Well-being of College Students of Ladhak in Relation to Stress and Perceived Social Support; Indian Journal of Psychology	0019-5553	Yes	Saar Publisher
Roshan Lal (2022)	Selfitis Behaviour in Relation to Personality and Self Esteem Among Youth; Journal of Research in Humanities and Social Sciences	2321-9467	Yes	Quest Journals

**DETAILS OF PUBLICATIONS**

**Full Papers Published in Proceedings of Conferences**

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

**DETAILS OF PUBLICATIONS**

**Articles Published in Newspapers**

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

**SUMMARY OF RESEARCH PUBLICATIONS JULY 1 ,2021 TO JUNE 30, 2022**

S.no	Department	Type of Journal	International	National	Others	Total
1	Department of Psychology	Peer Review Journals	0	7	0	7

**RESEARCH SCHEMES**

**Sponsored Research Projects during the Academic Year 2021 - 2022**

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration(in years)	Principal Investigator and Research Team
-	-	-	-	-	-	-

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT**

**Details of Seminars, Conferences, and Workshops organized during the Academic Year**

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Faculty Development Program	2022-08-11	2022-08-17	Department of Psychology	300
Universal Values and Ethics in Daily Behaviour	2022-08-19	2022-08-19	Dr. Roshan Lal	45
Psychological Skill Enhancement for Therapeutic Intervention	2022-08-21	2022-08-21	Dr. Roshan Lal	56

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY**

**3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022**

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Department of Psychology	Roshan Lal	Health and Hygiene - Issues Related to SDG	conference	Social Issues	International	Goa	12/12/2021	12/12/2021	Ministry of Science and Technology, GOI
2	Department of Psychology	Roshan Lal	Mental Health at Police Training Centre	workshop	Training/ Orientation	State	Chandigarh	10/10/2021	10/10/2021	Police Administration, Chandigarh
3	Department of Psychology	Roshan Lal	Tele Support and Sustainable Mental Health	symposium	Social Issues	National	Chandigarh	12/12/2021	12/12/2021	Chandigarh

**Ph.D. Awards**

**Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022**

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	Department of Psychology	of Unman Singh	A Study Of Savoring, Happiness, Subjective Wellbeing And Quality Of Relationship Among Married Couples	2022-04-25	Akanksha Tripathi
2	Department of Psychology	of Divya Jyoti	The Therapeutic Value Of Indian Classical Dance On Emotional Well Being Inside Maturation And Self Qstern	2022-06-28	Rohini Thapar

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
3	Department of Psychology	Vipan Chaudhary	Coorelates Of Resilence Among Farmers In Punjab	2021-11-16	Shruti Shourie
4	Department of Psychology	Shikha Garg	A Study Of Body Image Among The Transgender In Relation To Perceived Stigma, Stress, Anxiety, Depression And Empathy	2021-09-30	Roshan Lal
5	Department of Psychology	Madhvi Malhotra	A study of psychological correaltles of mobile phone addiction	2021-08-09	Seema Vinayak
6	Department of Psychology	Amreen Sekhon	Relationship Of Self-Compassion With Flourishing, Resilience, Self-Efficacy, Stress, Happiness And Coping Among Adolescentsg	2022-03-17	Meena Sehgal

### MISCELLANEOUS

Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
<b>1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities</b>		

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
-	-	-	-	-	-	-	-

### 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
-	-	-	-	-	-	-	-	-	-

### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	11	0	11
Class rooms	3	0	3
Class rooms with Wifi/LAN facility	3	0	3
Class rooms with ICT facility (LCD/Projector)	3	0	3
No. of Research Labs	1	0	1
No. of Computer labs	0	0	0
Video Centre	0	0	0
Seminar Halls with ICT facility	1	0	1
Seminar Halls	0	0	0
No. of important equipments purchased ( $\geq$ 10 lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0

### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

**5. Activities to celebrate / organize national and international commemorative days, events and festivals**

Title of Event	From Date	To Date
World Suicide Prevention Day	10/09/2021	10/09/2021
National Webinar on Mental Health	11/02/2022	11/02/2022
Building Hope for Climate Change	21/04/2022	21/04/2022
Workshop on Careers in Counselling	31/05/2022	31/05/2022
Global Virtual Conclave	01/06/2022	01/06/2022

**6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

**7. Number of Patents Published/Awarded**

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

**8. Revenue generated through consultancy**

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

**P.U. INSTITUTE OF SOCIAL SCIENCE EDUCATION & RESEARCH**

**SUMMARY OF PUBLICATIONS**

**PUBLICATIONS**

**DETAILS OF PUBLICATIONS**

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
NIL			

**DETAILS OF PUBLICATIONS**

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
NIL				

**DETAILS OF PUBLICATIONS**

Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

**DETAILS OF PUBLICATIONS**

Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

**Summary of Research Publications July 1 ,2021 to June 30, 2022**

S.no	Department	Type of Journal	International	National	Others	Total
NIL						

**RESEARCH SCHEMES****Sponsored Research Projects during the Academic Year 2021 - 2022**

Sponsor Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
NIL					

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT****Details of Seminars, Conferences, and Workshops organized during the Academic Year**

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
NIL				

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY****3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022**

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
NIL										

**Ph.D. Awards****Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022**

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
NIL					

**MISCELLANEOUS****Any other noteworthy achievement of the department during this Academic Year 2021 - 2022**

S.no	Department	Achievement
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**1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities**

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
NIL							

**2. Details of Collaborative activities**

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
NIL									

NIL

**3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022**

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	2	0	2
Class rooms	5	0	5
Class rooms with Wifi/LAN facility	5	0	5
Class rooms with ICT facility (LCD/Projector)	2	0	2
No. of Research Labs	0	0	0
No. of Computer labs	0	0	0
Video Centre	0	0	0

<b>Facilities</b>	<b>Existing</b>	<b>Newly Created/Added</b>	<b>Total</b>
Seminar Halls with ICT facility	0	0	0
Seminar Halls	1	0	1
No. of important equipments purchased (>= 10 lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0

#### **4. Details of Extracurricular Activities during the Academic Year 2021 - 2022**

<b>Title</b>	<b>No. of participants (Students and Staff)</b>	<b>Venue</b>	<b>From Date</b>	<b>To Date</b>
NIL				

#### **5. Activities to celebrate / organize national and international commemorative days, events and festivals**

<b>Title of Event</b>	<b>From Date</b>	<b>To Date</b>
International Day for National Disaster Reduction	13/10/2021	13/10/2021
World Heritage Day- Trip to Heritage Sites, Shimla	18/04/2022	18/04/2022
World Environment Day	09/06/2022	09/06/2022

#### **6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022**

<b>Title</b>	<b>No. of participants (Students and Staff)</b>	<b>Venue</b>	<b>From Date</b>	<b>To Date</b>
NIL				

#### **7. Number of Patents Published/Awarded**

<b>SNo</b>	<b>Patent</b>	<b>Author</b>	<b>Date</b>	<b>Status</b>	<b>National/ International</b>	<b>Patent Number/ Application Number</b>
NIL						

#### **8. Revenue generated through consultancy**

<b>SNo</b>	<b>Name of Consultancy Project</b>	<b>Name of the Consultant</b>	<b>Consulting/Sponsoring Agency</b>	<b>Project Date</b>	<b>National/ International</b>	<b>Revenue Generated (INR)</b>
NIL						

## **SOCIOLOGY**

### **SUMMARY OF PUBLICATIONS**

#### **PUBLICATIONS**

#### **DETAILS OF PUBLICATIONS**

**(Books/ Reference General/ Book Chapter/ Book Edited)**

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISBN Number</b>	<b>State/ National/ International</b>
Prof. Raj Kumar and Interlinkages Between Poverty, Population and Environment : Prof. Rani Mehta Challenges and Opportunities Year:2022; SLM Publisher; (2022)	SLM Publisher	20	Other
Dr Rani Mehta (2020)	Rethinking Gender equality in the contemporary world; Gender Equality in Contemporary India; new era international imprint	978-81-290-0231-0	National

#### **DETAILS OF PUBLICATIONS**

**(Research Papers/ Review Article/ Editorial Article in Referred Journal)**

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISSN Number</b>	<b>Peer Reviewed (Y/N)</b>	<b>Publisher</b>
NIL				

**DETAILS OF PUBLICATIONS****Full Papers Published in Proceedings of Conferences**

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

**DETAILS OF PUBLICATIONS****Articles Published in Newspapers**

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

**Summary of Research Publications July 1, 2021 to June 30, 2022**

S.no	Department	Type of Journal	International	National	Others	Total
1	Department of Sociology	e-Journals	1	0	0	1
2	Department of Sociology	Book with ISBN	0	1	0	1
3	Department of Sociology	Books	0	0	1	1

**RESEARCH SCHEMES****Sponsored Research Projects during the Academic Year 2021 - 2022**

Sponsor Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
NIL					

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT****Details of Seminars, Conferences, and Workshops organized during the Academic Year**

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Reflections on the role of fieldwork in Data Collection	2021-12-15	2021-12-15	Department of Sociology	42
Inclusive assessment : Issues and ways Forward	2021-12-13	2021-12-13	Department of Sociology	60
Diaspora engagement in Sustainable Development	2021-08-16	2021-12-16	Department of Sociology	50
Lifestyle in Pandemic	2021-08-09	2021-08-09	Department of Sociology	65
Qualitative Methods, Lecture Series- I	2022-06-20	2022-06-20	Department of Sociology	57
Regional Dissemination Workshop of NFHS-5 (2019-21) Key Findings and its Policy Relevance: Northern Zone	2022-06-28	2022-06-28	Prof. Rani Mehta	55

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY****3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022**

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Department of Sociology	Dr. Moniva Sarkar	Qualitative Methods, Lecture Series-	workshop	Academic and Research Event	University	Dr. Mulk Raj Anand Auditorium	20/06/2022	20/06/2022	Dept. of Political Science and



S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
			1							Dept of Sociology
2	Department of Sociology	Mr. Vinod Kumar	Population and Law	seminar	Environment Awareness Event	National	Panjab University Chd	30/03/2022	30/03/2022	Department of Laws, PU CHD
3	Department of Sociology	Rajni	Online - 7-Days FDP on Rethinking Dr. B.R. Ambedkar's Multi-Dimensional Vision (All Disciplines)	Professional Development Programmes	Faculty Development Programme	National	Chandigarh	09/11/2021	15/11/2021	HRDC

### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
NIL					

### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
NIL		

#### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
NIL							

#### 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
1	Department of Sociology	Qualitative Methods, Lecture Series-1	Department of Political Science, and PGGC-11,CHD	80	20/06/2022	National	Lecture Series-1	nil	20/06/2022
2	Department of Sociology	Boosting Mindy Body and Soul connection in Women	Dept of Sociology and University Institute of Fashion Technology and vocational Development	online	07/03/2022	National	webinar	nil	07/03/2022

**3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022**

Facilities	Existing	Newly Created/Added	Total
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**4. Details of Extracurricular Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

**5. Activities to celebrate / organize national and international commemorative days, events and festivals**

Title of Event	From Date	To Date
Earth Day	22/04/2022	22/04/2022

**6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

**7. Number of Patents Published/Awarded**

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
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**8. Revenue generated through consultancy**

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

**PUBLIC ADMINISTRATION**

**SUMMARY OF PUBLICATIONS**

**PUBLICATIONS**

**DETAILS OF PUBLICATIONS**

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Dr. Bharati Garg (2022)	Personnel Management: Recruitment and Promotion; Administrative System in BRICS; IGNOU, New Delhi	978-93-5568-023-5	National
Dr. Bharati Garg (2022)	Personnel Management: Training of Civil Servants; Administrative System in BRICS; IGNOU, New Delhi	978-93-5568-023-5	National
Bhawna Gupta (Co-Author) (2021)	Polity, Economy and Culture of North-East India: Issues and Challenges; An Analytical Study of Inclusive Governance Practices; Rudra Publishers and Distributors, New Delhi	978-93-92108-65-5	National

**DETAILS OF PUBLICATIONS**

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
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**DETAILS OF PUBLICATIONS**

Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
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**DETAILS OF PUBLICATIONS**

Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
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NIL

**Summary of Research Publications July 1 ,2021 to June 30, 2022**

S.no	Department	Type of Journal	International	National	Others	Total
1	Department of Public Administration	Chapter in a book	0	3	0	3

**RESEARCH SCHEMES**

**Sponsored Research Projects during the Academic Year 2021 - 2022**

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
Research Councils UK under the Global Research Fund (GCRF)	Transforming India's Green Revolution by Research and Empowerment for Sustainable food Supplies	14300000	1935126	Major	2017 - 2022	Prof. Howard Griffiths, University of Cambridge, UK
SCERT, Punjab	Impact of Various In-Service Teachers' Training on Learning Outcomes: A Case Study of Select Districts of Punjab	350000	140000	Minor	2019 - Till Date	Dr. Bharati Garg
ICSSR, New Delhi	Impactful Policy Research in Social Science(IMPRESS)	1000000	500000	Major	2019 - 2021	Dr. Navreet
Mahatma Gandhi National Council of Rural Education, Hyderabad	Addressing Poverty and Vulnerability through Deendayal Antyodaya Yojana National Rural Livelihood Mission (DAY-NRLM) - An Analytical Study of Haryana and Chandigarh	550000	275000	Major	2021 - Till Date	Dr. Navreet

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT**

**Details of Seminars, Conferences, and Workshops organized during the Academic Year**

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Evolving Relationship between Public Policy and Social Science Research	2021-08-27	2021-08-27	Department of Public Administration, PU, Chandigarh	66
Pradhan Mantri Awas Yojana (Urban)	2021-09-15	2021-09-15	Department of Public Administration, PU, Chandigarh in association with IIPA, New Delhi	62
Atma Nirbhar Bharat: Theory, Action & Way Forward	2021-10-21	2021-10-21	Department of Public Administration, PU, Chandigarh in association with IIPA, New Delhi	69
Public Interest Litigation in India: A Tribute to Mr. N.H. Hingorani and Mrs. Pushpa Kapila Hingorani	2021-12-10	2021-12-10	Department of Public Administration, PU, Chandigarh in association with Centre for Human Rights and Duties, PU, Chandigarh	74
Pathway to Empowerment through Nutrition	2022-03-08	2022-03-08	Department of Public Administration, PU, Chandigarh in association with NSS, PU, Chandigarh	15
National Education Policy 2020 and Governance Issues	2022-03-15	2022-03-15	Department of Public Administration, PU, Chandigarh	80
One-Day Programme for the participants of 47th Advanced Professional Programme in Public Administration (APPPA)	2022-04-07	2022-04-07	Department of Public Administration, PU, Chandigarh in association with IIPA, New Delhi	36

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Three-Day Workshop on Research and Publication Ethics	2022-06-06	2022-06-08	Department of Public Administration, PU, Chandigarh in association with HRDC, PU, Chandigarh	36
Three-Day Workshop on Academic Writing	2022-06-22	2022-06-24	Department of Public Administration, PU, Chandigarh in association with HRDC, PU, Chandigarh	31

### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

#### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S. no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Department of Public Administration	Dr. Bharati Garg	Refresher Course on Advances in Pedagogy	Professional Development Programmes	Refresher Course	National	HRDC, PU, Chandigarh	04/01/2022	17/01/2022	HRDC, PU, Chandigarh
2	Department of Public Administration	Dr. Bharati Garg	National Seminar on Good Governance and Sustainable Development	seminar	Academic and Research Event	National	Shri Guru Gobind Singh College, Sector 26, Chandigarh	04/05/2022	04/05/2022	Department of Public Administration, Shri Guru Gobind Singh College, Sector 26, Chandigarh
3	Department of Public Administration	Dr. Bharati Garg	National Seminar on Good-Governance: Ideals and Times of Crisis	seminar	Academic and Research Event	National	University of Lucknow	30/03/2022	31/03/2022	Atal Sushasan Peeth, Department of Public Administration, University of Lucknow,
4	Department of Public Administration	Dr. Bharati Garg	National E-Seminar, NESPA 2021 on Emerging Trends in Public Administration: The Way Forward	seminar	Academic and Research Event	National	Central University of Karnataka, Kalaburagi	17/12/2021	17/12/2021	Department of Public Administration, Central University of Karnataka, Kalaburagi
5	Department of Public Administration	Dr. Bharati Garg	Webinar on Code of Ethics and Professional Conduct	webinar	Universal Values and Ethics	National	Khalsa College for Women, Sidhwan Khurd	29/12/2021	29/12/2021	IIQAC and Code of Conduct Committee of Khalsa College for Women, Sidhwan Khurd
6	Department of Public Administration	Dr. Bharati Garg	Training Programme on Public Policy for Group A and B Officers of Punjab Govt.	Professional Development Programmes	Training/Orientation	State	Mahatma Gandhi State Institute of Public Administration, Chandigarh	24/11/2021	26/11/2021	Mahatma Gandhi State Institute of Public Administration, Chandigarh
7	Department of Public Administration	Dr. Bharati Garg	Webinar on All India Services: Challenges and Opportunities	webinar	Academic and Research Event	State	Dass and Brown World School, Ferozpur	09/10/2021	09/10/2021	Dass and Brown World School, Ferozpur
8	Department of Public Administration	Dr. Bharati Garg	State Level Multi-Stake Holder Consultation on Securing Games and Awareness for Universalization of Education upto 18 years aligning with NEP	other	Gender Equality	State	SAS Nagar, Mohali	19/08/2021	19/08/2021	Child Rights and You
9	Department of Public Administration	Dr. Bharati Garg	Interview Preparation and Personality	webinar	Academic and Research Event	University	Panjab University,	13/08/2021	13/08/2021	Centre for IAS and Other Competitive

S. no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
	Administratior	Garg	Development Course				Chandigarh			Examinations, PU, Chandigarh
10	Department of Public Administratior	Dr. Bharati Garg	National Conference on Women in Leadership and Governance	conference	Academic and Research Event	National	Govt. College for Women, Hisar	26/08/2021	26/08/2021	Department of Public Administration and Women Cell, Govt. College for Women, Hisar
11	Department of Public Administratior	Dr. Bharati Garg	International Conference on Role of Commerce and Management in Achieving Sustainable Development Goals	conference	Academic and Research Event	International	SS Jain Subodh Girls PG College, Sanganer, Jaipur	22/10/2021	23/10/2021	Department of Commerce, SS Jain Subodh Girls PG College, Sanganer, Jaipur
12	Department of Public Administratior	Dr. Bhawna Gupta	UGC-Sponsored Refresher Course in Environment Studies	Professional Development Programmes	Refresher Course	National	Online	17/11/2021	30/11/2021	UGC-HRDC, Panjab University, Chandigarh
13	Department of Public Administratior	Dr. Bhawna Gupta	International Conference on Nutrition and Wellbeing: Culinary Tradition in Punjab	conference	Academic and Research Event	International	Golden Jubilee Hall, PU, Chandigarh	25/03/2022	25/03/2022	UIHTM, PU, Chandigarh
14	Department of Public Administratior	Dr. Bhawna Gupta	National Seminar on Good-Governance: Ideals and Times of Crisis	seminar	Academic and Research Event	National	University of Lucknow	30/03/2022	31/03/2022	Atal Sushasan Peeth, Department of Public Administration, University of Lucknow, Lucknow
15	Department of Public Administratior	Dr. Bhawna Gupta	TIGR2ESS Summative Policy Workshop Series	workshop	Academic and Research Event	International	Online	19/01/2022	22/02/2022	TIGR2ESS, University of Cambridge
16	Department of Public Administratior	Dr. Bhawna Gupta	National E-Seminar, NESPA on "Emerging Trends in Public Administration: The Way Forward"	seminar	Academic and Research Event	National	Online	17/12/2021	17/12/2021	Department of Public Administration, Central University of Karnatka
17	Department of Public Administratior	Dr. Bhawna Gupta	Coordinator in Three-Day Workshop on Research and Publication Ethics	workshop	Training/Orientation	University	Department of Public Administration, PU, Chandigarh	06/06/2022	08/06/2022	Department of Public Administration, PU, Chandigarh
18	Department of Public Administratior	Dr. Bhawna Gupta	Course Coordinator in Three-Day Workshop on Academic Writing	workshop	Training/Orientation	University	Department of Public Administration, PU, Chandigarh	22/06/2022	24/06/2022	Department of Public Administration, PU, Chandigarh
19	Department of Public Administratior	Dr. Bhawna Gupta	Women in Leadership and Governance	conference	Academic and Research Event	National	Online	26/08/2021	26/08/2021	Department of Public Administration, GCW, Hisar
20	Department of Public Administratior	Dr. Bhawna Gupta	National Seminar on Good-Governance and Sustainable Development	seminar	Academic and Research Event	National	Online	04/05/2022	04/05/2022	GGSC, Sector 26, Chandigarh
21	Department of Public Administratior	Dr. Bharati Garg	Coordinator in Three-Day Workshop on Research and Publication Ethics	workshop	Academic and Research Event	University	Department of Public Administration, PU, Chandigarh	06/06/2022	08/06/2022	Department of Public Administration, PU, Chandigarh

S. no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
22	Department of Public Administration	Dr. Bharati Garg	Course Coordinator in Three-Day Workshop on Academic Writing	workshop	Academic and Research Event	University	Department of Public Administration, PU, Chandigarh	22/06/2022	24/06/2022	Department of Public Administration, PU, Chandigarh
23	Department of Public Administration	Dr. Navreet	Good Governance and Sustainable Development	seminar	Academic and Research Event	National	GGSC, Sector 26, Chandigarh	04/05/2022	04/05/2022	GGSC, Sector 26, Chandigarh
24	Department of Public Administration	Dr. Navreet	Energy Ethics 2021: Energy Transitions & Planetary Futures	conference	Academic and Research Event	International	Online	25/10/2021	27/10/2021	Centre for Energy Ethics, University of St. Andrews
25	Department of Public Administration	Dr. Bhawna Gupta	Transition from School to Higher Education in the context of National Education Policy-2020	seminar	Academic and Research Event	National	Chandigarh	21/09/2021	21/09/2021	Institute of Educational Technology and Vocational Education & SWAYAM Cell, PU, Chandigarh
26	Department of Public Administration	Prof. Ramanjit K. Johal	13th International Conference on Women in Leadership: Emerging Issues and Challenges	conference	Gender Equality	International	Punjabi University, Patiala	24/11/2021	25/11/2021	Women's Studies Centre, Punjabi University, Patiala
27	Department of Public Administration	Prof. Ramanjit K. Johal	Workshop on "Menstrual Health and Hygiene Management"	workshop	Environment Awareness Event	State	Chandigarh	29/04/2022	29/04/2022	Enactus SSBUI CET, PU, Chandigarh

#### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	Department of Public Administration	Vijayetta Sharma	National Rural Health Mission: A Comparative Study of District Ropar and District Mohali, Punjab	2021-07-02	Prof. Pawan Kamra
2	Department of Public Administration	Twinkal Dogra	Tourism Development and Administration: A Comparative Study of Public and Private Sector in Haryana	2022-05-25	Prof. Pawan Kamra
3	Department of Public Administration	Sudhi Kumar	Atrocities Against Scheduled Caste Women - A Study of Select Districts of Haryana	2021-10-11	Dr. Sudhir Sharma
4	Department of Public Administration	Suchreet Rekhi	Children in Need of Care and Protection: An Evaluative Study of Government and NGOs Role in Punjab	2021-07-01	Prof. Swinder Singh
5	Department of Public Administration	Simarjeet Kaur	Primary Health Care: Evaluation of Maternal and Child Health Services in Select Tribal Areas of District Sirmour, Himachal Pradesh	2021-07-05	Dr. Nemi Chand
6	Department of Public Administration	Isha Kaul	Disaster Management in India: A Case Study of Jammu & Kashmir	2021-10-21	Dr. Nemi Chand

## MISCELLANEOUS

Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
1	Department of Public Administration	

### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
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NIL

### 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
1	Department of Public Administration	Pradhan Mantri Awas Yojana (Urban)	IIPA Regional Branch, Punjab & Chandigarh (UT)	Prof. B.S. Ghuman, Prof. Ramanjit K. Johal, Dr. Navreet, Dr. Bharati Garg, Dr. Bhawna Gupta	15/09/2021	National	Webinar	IIPA, New Delhi	15/09/2021
2	Department of Public Administration	Aatma Nirbhar Bharat Abhiyan- Theory, Actions and Way Forward	IIPA Regional Branch, Punjab & Chandigarh (UT)	Prof. B.S. Ghuman, Prof. Ramanjit K. Johal, Dr. Navreet, Dr. Bharati Garg, Dr. Bhawna Gupta	21/10/2021	National	IIPA Prelude Conference	IIPA, New Delhi	21/10/2021
3	Department of Public Administration	Public Interest Litigation in India: A Tribute to Mr. N.H. Hingorani and Mrs. Pushpa Kapila Hingorani	Centre for Human Rights & Duties, PU, Chandigarh	Prof. Ramanjit K. Johal, Dr. Navreet, Dr. Bharati Garg, Dr. Bhawna Gupta	10/12/2021	National	Webinar	Panjab University	10/12/2021
4	Department of Public Administration	Pathway to Empowerment through Nutrition	NSS, Panjab University, Chandigarh	Prof. Ramanjit K. Johal, Dr. Navreet, Dr. Bharati Garg, Dr. Bhawna Gupta	08/03/2022	National	Special Lecture	Panjab University	08/03/2022
5	Department of Public Administration	Research and Publication Ethics	HRDC, Panjab University, Chandigarh	Prof. Ramanjit K. Johal, Dr. Bharati Garg, Dr. Bhawna Gupta	06/06/2022	National	Three-Day Workshop	RUSA 2.0 Grant	08/06/2022
6	Department of Public Administration	Academic Writing	HRDC, Panjab University, Chandigarh	Prof. Ramanjit K. Johal, Dr. Bharati Garg, Dr. Bhawna Gupta	22/06/2022	National	Three-Day Workshop	RUSA 2.0 Grant	24/07/2022

### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	29	0	29
Class rooms	3	0	3
Class rooms with Wifi/LAN facility	3	0	3
Class rooms with ICT facility (LCD/Projector)	3	0	3
No. of Research Labs	0	0	0
No. of Computer labs	1	0	1
Video Centre	0	0	0
Seminar Halls with ICT facility	1	0	1
Seminar Halls	1	0	1
No. of important equipments purchased (>= 10 lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0

### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
Vigilance Awareness Week	26/10/2021	01/11/2021
Constitution Day	26/11/2021	26/11/2021
Special Lecture on International Women's Day On the topic "Pathway to Empowerment Through Nutrition"	08/03/2022	08/03/2022

### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

### 7. Number of Patents Published/Awarded

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

### 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

## SCHOOL OF COMMUNICATION STUDIES

### SUMMARY OF PUBLICATIONS

#### PUBLICATIONS

#### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Archana R	Precede: Proceed model for health communication- An analysis of	9781799868255	International



Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Singh, Priyanka Ohri (2021)	COVID coverage in Indian Newspapers; Handbook of research in representing health and medicine in modern media; Bolu Abant İzzet Baysal University, Turkey		

#### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Dr Bhavneet Bhatti (2021)	Breaking Stereotypes in Portrayal of Sikh Characters in Media: A Trend Study of Bollywood Movies and Web Series; Parkh	2320-9690	No	Department of Punjabi
Dr Bhavneet Bhatti (2022)	Evolution of Human Interest in Indian Print Media : A Trend Study of Feature Stories in Centenarian Newspapers; Communicator	0588-8093	No	IIMC

#### DETAILS OF PUBLICATIONS

Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
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#### DETAILS OF PUBLICATIONS

Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
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Summary of Research Publications July 1 ,2021 to June 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	School of Communication Studies	e-Journals	0	2	0	2
2	School of Communication Studies	Book with ISBN	1	0	0	1

#### RESEARCH SCHEMES

Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration(in years)	Principal Investigator and Research Team
Research Council UK GCRF/BBSRC TIGR2ESS funding (BB/P027970/1)	Transforming India's Green Revaluation by Research and Empowerment for Sustainable Foods Supply: A Global Challenges Research Fund Project (TIGR2ESS)	8524017	1894226	Others	2018 - 2022	Prof. Ramanjit Johal Prof. Howard Griffiths, Cambridge University
Research Council UK GCRF/BBSRC TIGR2ESS funding (BB/P027970/1)	Transforming India's Green Revaluation by Research and Empowerment for Sustainable Foods Supply: A Global Challenges Research Fund Project (TIGR2ESS)	8524017	1894226	Others	2018 - 2022	Prof. Ramanjit Johal Prof. Howard Griffiths, Cambridge University

## SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT

### Details of Seminars, Conferences, and Workshops organized during the Academic Year

Title of the Event	From Date	To Date	Name of Convener	Coordinator /	Number of Participants
Entrepreneurial Journey	2022-05-18	2022-05-18	SCS		50
Communication for Social Change:	2022-06-10	2022-06-10	Mannat Kaur Attwal		25
Importance of print media in the digital age	2022-04-13	2022-04-13	Mannat Kaur Attwal		30
Pathway To Public Relations	2022-04-13	2022-04-13	Mannat kaur Attwal		40
Induction of Young Communicators Club	2022-01-11	2022-01-11	Mannat kaur Attwal		50
Advertising: Paving the path for beginners	2022-03-25	2022-03-25	Ajaypal Kaur & Mannat kaur Attwal		30
‘Antarchakshu-The Eye Within’	2022-01-18	2022-01-18	Ajaypal kaur & Mannat Kaur Attwal		30

## SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	School of Communication Studies	Dr. Bhavneet Bhatti	Communication Skills for a Job University	other	Academic and Research Event	University	Centre for Social Work, Panjab University	09/02/2022	09/02/2022	Centre for Social Work, Panjab University
2	School of Communication Studies	Dr. Bhavneet Bhatti	Effective Communication for Sustainable Social Development	Professional Development Programmes	Academic and Research Event	University	Centre for Social Work, Panjab University	24/11/2021	24/11/2021	Centre for Social Work, Panjab University
3	School of Communication Studies	Dr. Bhavneet Bhatti	Communication Skills for a Job Interview	webinar	Others	National	Centre for Social Work University Institute of Emerging Areas In Social Science PU Chd	09/02/2022	09/02/2022	Centre For Social Work University Institute Of Emerging Areas In Social Science PU Chd
4	School of Communication Studies	Bhavneet Bhatti	Online - FDP on Understanding Geodiversity & Geoheritage (for all faculty members) Interdisciplinary	Professional Development Programmes	Faculty Development Programme	National	Chandigarh	22/02/2022	28/02/2022	HRDC

### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
NIL					

### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
NIL		

**1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities**

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
1	School of Communication Studies	Narrowcast and Broadcast on COVID-19 vaccination for all eligible cohorts	Community Radio Association (CRA)	PU radiio Jyotirgamaya 91.2	01/06/2022	31/05/2023	National

**2. Details of Collaborative activities**

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
1	School of Communication Studies	MOU between CRA and PU radio Jyotirgamaya 91.2	Community Radio Association	Chairperson	01/06/2022	National	Orientation workshop with all CR stations who spread the awareness about vaccination. Preparation of perspective forth wave by spreading message about precautions to be taken while re-opening schools etc.	CRA	31/05/2023
2	School of Communication Studies	Communication for Social Change	PRCI	Chairperson, SCS	10/06/2022	National	The event included a talk by a senior journalist which help student discover the nuances of the field and were able to address their concern regarding the profession.	NIL	10/06/2022
3	School of Communication Studies	Importance Of Print Media In The Digital Age	YCC	Chairperson, SCS	13/04/2022	National	How young journalists come prepared with a diverse skillset and have knowledge about the technical aspects of the profession.	nil	13/04/2022
4	School of Communication Studies	Pathway to Public Relations	YCC	Chairperson, SCS	13/04/2022	National	This event stressed upon three essential	Nil	13/04/2022

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
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factors that a PR professional should inculcate, namely- knowledge of the organization you are working for, articulation, and confidence.

### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	69	0	69
Class rooms	5	0	5
Class rooms with Wifi/LAN facility	4	0	4
Class rooms with ICT facility (LCD/Projector)	4	0	4
No. of Research Labs	0	0	0
No. of Computer labs	2	0	2
Video Centre	0	0	0
Seminar Halls with ICT facility	1	0	1
Seminar Halls	1	0	1
No. of important equipments purchased ( $\geq$ 10 lakh) during the current year.	5	0	5
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0

### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
Kanoon aur aap	16/08/2021	29/04/2022
Awareness conversation	16/09/2021	16/09/2021
Health factor	27/10/2021	27/10/2021
Kanoon aur aap	03/12/2021	03/12/2021
Kanoon aur aap	16/12/2021	16/12/2021
Radio Day	13/02/2022	13/02/2022
Hearing and speech week	28/02/2022	03/03/2022
International women's day	08/03/2022	08/03/2022

### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

## 7. Number of Patents Published/Awarded

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

## 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

## CENTRE FOR SOCIAL WORK

### SUMMARY OF PUBLICATIONS

Social Sciences have moved from pure theoretical accumulation of knowledge towards its application, especially with an aim to minimize human misery and to promote the project of human development by developing appropriate strategies at the grass-roots level. Social Work is one such discipline that has evolved out of such a realization within the realm of social sciences that caters to the socially marginalized, poor, deprived and the disadvantaged groups through the experts trained for this purpose. Imparting training in Social Work has also been necessitated by the growing need for partnerships between the State, Civil society and private voluntary organizations in an effort to bring all sections of society under the ambit of development. The Panjab University started the Master of Social Work (M.S.W.) degree programme (2 years, 4 Semesters) in 2007. It combines education and practice for preparing the postgraduates to work with individuals, families, groups, and communities in a variety of human service settings. The M.S.W. programme intends to instill in its students, a commitment to improve social conditions, address social problems and raise their voice against social injustice. The Centre is housed in the building of Emerging Areas, near Student Centre and behind the Department of Botany, Panjab University, Chandigarh. There is a dress code for the formal functions and field work forms a mandatory part of the programme.

### PUBLICATIONS

#### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Jashanjot Kaur Brar and Gaurav Gaur (2022)	Conceptual Issues in Environment Planning and Water Management; Inter-Linkages Between Poverty, Population and Environment: Challenges and Opportunities; SLM Publishers	978-93-91083-34-2	Other
Arpna Rattu and Professor Munjial Singh (2022)	Effects of Environmental Degradation on Women; Inter-Linkages Between Poverty, Population and Environment: Challenges and Opportunity; SLM Publishers	978-93-91083-34-2	Other
Aashima Kajla and Gaurav Gaur (2022)	Environmental degradation and gender inequalities; Inter-Linkages Between Poverty, Population and Environment: Challenges and Opportunities; SLM Publishers	978-93-91083-34-2	Other
Viney Dhiman and Gaurav Gaur (2022)	Intricacies of Poverty in Context to Environment and Population: A Reflection; Inter-Linkages Between Poverty, Population and Environment: Challenges and Opportunities; SLM Publishers	978-93-91083-34-2	Other
Shikha Tyagi, Akshit Katoch & Jose Francis (2022)	Vocational Training and Job Placement of Person with Mental Illness; Comprehensive Textbook on Disability; aypee Medical Publishers	978-9354655517	National

## DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Gaurav Gaur, Meenakshi Sharma, Meenu Kundu, Harmehr Sekhon, Nidhi Chauhan (2021)	Fear of COVID-19 among the Indian youth: A cross-sectional study; Journal of Education and Health Promotion	NA	No	Wolters Kluwer - Medknow
Shikha Tyagi, Akshit Katoch, Subhash Das, Nitin Gupta (2021)	Home-Based Care in the Community; Indian Journal of Social Psychiatry	37:343-5	No	Wolters Kluwer - Medknow
Arpna Rattu and Professor Monica Munjial Singh (2022)	Impact of COVID – 19 on mental health of institutionalized children: A social work perspective; International Journal of Literacy and Education	2789-1615	No	AkiNik Publications
Yogesh and Rakesh Thakur (2022)	The challenges of an institutional life: Listening the unheard voices; International Journal of Literacy and Education	2789-1615	No	International Journal of Literacy and Education
Gaurav Gaur & Sukhbir Singh (2022)	Youth and Anxiety During COVID – 19 Pandemic: A Reflection; Indian Journal of Psychology	00195553	No	Indian Psychology Association

## DETAILS OF PUBLICATIONS

Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
Viney Dhiman, Anupama Bharti & Gaurav Gaur (2022)	Benefits of Digital Education Over the Impact of Pandemic on Indian Higher Education System; Proceedings of Second International Conference in Mechanical and Energy Technology	2190-3018	Smart Innovation, Sytems and Technologies Publication house Springer

## DETAILS OF PUBLICATIONS

Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher			
<b>Summary of Research Publications July 1, 2021 to June 30, 2022</b>						
S.no	Department	Type of Journal	International	National	Others	Total
1	Centre for Social Work	e-Journals	2	3	0	5
2	Centre for Social Work	Conference Proceedings	0	1	0	1
3	Centre for Social Work	Book with ISBN	0	1	4	5

## RESEARCH SCHEMES

Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration(in years)	Principal Investigator and Research Team
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**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT**

**Details of Seminars, Conferences, and Workshops organized during the Academic Year**

<b>Title of the Event</b>	<b>From Date</b>	<b>To Date</b>	<b>Name of Coordinator / Convener</b>	<b>Number of Participants</b>
The Need and Importance of Research Methodology in Social Sciences	2021-07-01	2021-07-07	Dr. Gaurav Gaur	38
COVID -19 Pandemic: Through a Gender Standpoint	2021-07-06	2021-07-06	Dr. Gaurav Gaur	31
Lifestyle in Pandemic: Response of India	2021-08-07	2021-08-07	Dr. Gaurav Gaur	59
Our hope for farm animals on India's 7th Independence DAY	2021-08-17	2021-08-17	Dr. Gaurav Gaur	62
Uplifting Personality, Serving Humanity	2021-09-03	2021-09-03	Dr. Gaurav Gaur	52
Nutritive Walk through Youth	2021-09-25	2021-09-25	Dr Gourav Gaur	55
Social Work Profession: Opportunities and Challenges	2021-09-30	2021-09-30	Dr. Gaurav Gaur	46
Mental Health Care for All: The Role of Social Work	2021-10-08	2021-10-08	Dr. Gaurav Gaur	29
Understanding Social Work as a Discipline	2021-09-28	2021-09-28	Dr. Gaurav	36
Social Work Education in Today's Era	2021-09-29	2021-09-29	Dr. Gaurav GAur	41
Women in Indian Central Armed Police Forces: Status, Challenges and Prospects	2021-10-12	2021-10-12	Dr. Gaurav Gaur	62
Developing the Affective Domain: For Upcoming Social Work Professionals	2021-11-22	2021-11-22	Dr. Gaurav Gaur	18
Effective Communication for Sustainable Social Change	2021-11-24	2021-11-24	Dr. Gaurav Gaur	39
The Role of Social Work in HIV/AIDS Eradication	2021-12-01	2021-12-01	Dr. Gaurav Gaur	43
Dietary Intervention for A Healthy Lifestyle	2021-12-03	2021-12-04	Dr. Gaurav Gaur	71
Capacity Building Workshop on Business Acumen for Social Enterprises & Start Ups	2021-12-08	2021-12-20	Dr. Gaurav Gaur	21
Roles and Responsibilities of District Welfare Officer	2022-01-07	2022-01-07	Dr. Gaurav Gaur	47
Role of the Social Workers in Non-Communicable Diseases	2022-01-10	2022-01-10	Dr. Gaurav Gaur	43
The Power of the Youth to Build a Better Tomorrow for All Living Beings	2022-01-11	2022-01-11	Dr. Gaurav Gaurav	33
Motivating Youth on Academic Writings	2022-01-17	2022-01-17	Dr. Gaurav Gaur	37
Gandhi Fellowship Program	2022-02-14	2022-02-14	Dr. Gaurav Gaur	26
Special Lecture on Globalisation and Social Work	2022-03-07	2022-03-07	Dr. Gaurav Gaur	31
An Interactive Session - Hygiene and Safety with Attendants of Girls Hostel of Panjab University	2022-03-12	2022-03-12	Dr. Gaurav Gaur	41
Special Lecture on World Down Syndrome Day	2022-03-21	2022-03-21	Dr. Gaurav Gaur	37
World Water Day	2022-03-22	2022-03-22	Dr Gaurav Gaur	33
Interactive Session with Co-founder of Tarunya Foundation	2022-03-24	2022-03-24	Dr. Gaurav Gaur	39
Special Lecture - Brain Exercise Initiative Organisation	2022-04-01	2022-04-01	Dr. Gaurav	36

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Special Lecture on Need and Scope of Social Work Profession in Canada	2022-04-05	2022-04-05	Dr. Gaurav Gaur	49
Interactive Session on Job Opportunities in Social Work Profession in Australia and Canada	2022-04-08	2022-04-08	Dr. Gaurav Gaur	49
Special Lecture on Working of Equal Opportunities Cell for Persons with Disabilities	2022-04-09	2022-04-09	Dr. Gaurav Gaur	40
Special Lecture on National Health Mission: Experiences from the North- East of India	2022-04-22	2022-04-22	Dr. Gaurav Gaur	24
Life Skill Training - Basic Life Support	2022-04-25	2022-04-25	Dr. Gaurav Gaur	29
Special Lecture-cum-Hands on Training Programme on Workplace Ergonomic Care and Physiotherapy Intervention to Prevent Work-related Musculoskeletal Disorders	2022-04-29	2022-04-29	Dr. Gaurav Gaur	36
Awareness Session on Cyber Crime	2022-05-13	2022-05-13	Dr. Gaurav Gaur	37
Workshop on - An Orientation to Gender-based Discrimination	2022-05-13	2022-05-14	Dr. Gaurav Gaur	41
XL Annual National Conference of Indian Society of Professional Social Work	2022-05-27	2022-05-28	Dr. Gaurav Gaur	225
Workshop on Social Case Work: Process & Implementation	2022-06-01	2022-06-02	Dr. Gaurav Gaur	22
Special Lecture on Opportunities after MSW in Psychiatry	2022-06-20	2022-06-20	Dr. Gaurav Gaur	38
Block Placement the Building Blocks for Stepping in to a Professional Career in Social Work	2021-08-07	2021-08-07	Dr. Gaurav Gaur	46

### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

#### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Centre for Social Work	Prof. Monica Munjial Singh	Social Work Practices and Sustainable Consumption During Covid 19	conference	Academic and Research Event	National	Department of Social Work, Chaudhary Bansilal University, Bhiwani Haryana	04/10/2021	05/10/2021	Department of Social Work, Chaudhary Bansilal University, Bhiwani Haryana
2	Centre for Social Work	Prof. Monica Munjial Singh	Guru Dakshata 7th Faculty Development Programme	Professional Development Programmes	Training/Orientation	National	Ranchi University, Ranchi	06/12/2021	06/12/2021	HRDC Ranchi University, Ranchi
3	Centre for Social Work	Prof. Monica Munjial Singh	Co-building a New Eco-Social World Leaving No One Behind in Indian Perspective	conference	Academic and Research Event	National	Centre for Social Work PU CHD	27/05/2022	28/05/2022	ISPSW and CSW PUCHD
4	Centre for Social Work	Dr. Gaurav Gaur	Online Refresher Course for Faculty	Professional Development Programmes	Training/Orientation	National	Pondicherry University	04/03/2022	17/03/2022	HRDC Pondicherry University
5	Centre for	Dr.	Understanding	Professional	Refresher Course	University	Online	22/02/2022	28/02/2022	Dept. of



S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
	Social Work	Gaurav Gaur	Geodiversity & Geoheritage	Development Programmes						Geology and HRDC PU CHD
6	Centre for Social Work	Dr. Gaurav Gaur	“Vision 2030 and Programmes in Mission Modes (NRHM, SBA, MGNREGA, etc.	conference	Academic and Research Event	National	MATRU SEWA SANGH INSTITUTE OF SOCIAL WORK, NAGPUR	15/11/2021	15/11/2021	Matru Sewa Sangh Institute Of Social Work, Nagpur
7	Centre for Social Work	Dr. Gaurav Gaur	FDP on Rethinking Dr. B.R. Ambedkar’s Multidimensional Vision	Professional Development Programmes	Training/Orientation	University	Dr. B.R. Ambedkar Centre, Panjab University, Chandigarh	09/11/2021	15/11/2021	Dr. B.R. Ambedkar Centre, Panjab University, Chandigarh in collaboration with Human Resource Development Centre, Panjab University
8	Centre for Social Work	Gaurav Gaur	Academic Leadership for Academic Administration	Professional Development Programmes	Faculty Development Programme	National	Chandigarh	10/02/2022	10/02/2022	HRDC

#### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	Centre for Social Work	Vivek Trivedi	A Socio Economic Study of Urban Street Vendors: An Analysis of Shimla City	2021-08-13	Dr. Monica Munjial Singh
2	Centre for Social Work	Puneeta Behl	Socio-Economic Status of Gujjar Women in Panchkula and Yamunanagar Districts of Haryana	2021-12-14	Dr. Monica Munjial Singh

#### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
1	Centre for Social Work	NA

#### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
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NIL

#### 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
1	Centre for Social Work	Business Acumen Bootcamp For	Conventurers	Research Scholars, MSW and	08/12/2021	Industrial	SOCIAL ENTERPRISES AND	Centre for Social Work	20/12/2021

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
		Social Enterprises And Startups		Certificate Course Students			STARTUPS		
2	Centre for Social Work	Awareness Session- Cyber Crime	Cyber Crime Initiative Cell	Research Scholars, MSW and Certificate Course Students and others	13/05/2022	National	Creating Awareness	NA	13/05/2022
3	Centre for Social Work	Xlannual National Conference Of Indian Society Of Professional Social Work	Indian Society of Professional Social Work	Faculty, Research Scholars, MSW and Certificate Course Students, and other participants form University and IPSW	27/05/2022	National	Conference	Centre for Social Work and IPSW	31/12/2022
4	Centre for Social Work	Rural Camp	'Society for Technology and Development	MSW 2nd year Students	29/05/2022	National	Rural Camp	Panjab University	30/05/2022
5	Centre for Social Work	Photography Exhibition – Canvas Of Life	Department of Public Relations, Panjab University	Faculty, Research Scholars, MSW Students and other participants	28/06/2022	National	EXIBITION	Department of Public Relations, Panjab University	30/06/2022
6	Centre for Social Work	Our Hope For Farm Animals On 75th Independence Day	National Association of Professional Social Workers in India	Research Scholars, MSW and Certificate Course Students	17/08/2021	National	Webinar	NA	17/08/2021
7	Centre for Social Work	Rakhi Celebration With People Living With Hiv/Aids	Girls Hostel No.8 Panjab University	Faculty, Research Scholars, MSW Students and other participants	20/08/2021	National	RAKHI CELEBRATION	NA	20/08/2021
8	Centre for Social Work	Dietary Intervention For A Healthy Lifestyle	NSS	Research Scholars, MSW and Certificate Course Students	03/12/2021	National	Webinar	NA	04/12/2021

### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
Class rooms	3	0	3
Class rooms with ICT facility (LCD/Projector)	3	0	3
No. of Research Labs	0	0	0
No. of Computer labs	0	0	0
Total Number of Computers in the department	10	0	10
Video Centre	0	0	0
Seminar Halls with ICT facility	1	0	1
Seminar Halls	0	0	0
No. of important equipments purchased (>= 10 lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0
Class rooms with Wifi/LAN facility	3	0	3

### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
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### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
Our Hope for Farm Animals on 75th Independence Day	17/08/2021	17/08/2021
celebrated Rakhi with people living with HIV/AIDS	20/08/2021	20/08/2021
Cleanliness Drive	02/10/2021	02/10/2021
End Inequality & End AIDS	30/11/2021	30/11/2021
THE ROLE OF SOCIAL WORK IN HIV/AIDS ERADICATION	01/12/2021	01/12/2021
EXPOSURE VISIT - MUSEUM DEPARTMENT OF ZOOLOGY	31/12/2021	31/12/2021
Cyclothon	01/01/2022	01/01/2022
Book Giving	14/02/2022	14/02/2022
Felicitation	27/02/2022	27/02/2022
Break the Bias	08/03/2022	08/03/2022
International Day Happiness	20/03/2022	20/03/2022
Down Syndrome: An Introduction and Role of Social Worker	20/03/2022	20/03/2022
World Water Day	22/03/2022	22/03/2022
Health Mela/Ayushman Bharat Health week	22/04/2022	22/03/2022
Ayushman Health Mela	25/04/2022	25/03/2022
The International Day against Drug Abuse and Illicit Trafficking	26/06/2022	26/03/2022

### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

### 7. Number of Patents Published/Awarded

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

## 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
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NIL

## CENTRE FOR POLICE ADMINISTRATION

### SUMMARY OF PUBLICATIONS

The Course on Police Administration was started in the Centre for Emerging Areas in Social Sciences, Panjab University from the Academic Session 2007-08 and was upgraded to the status of an independent Centre for Police Administration as part of the University Institute of Emerging Areas in Social Sciences (UIEASS) in 2010. The Programmes in Police Administration have been conceived with a view to: (i) provide quality human resources with relevant knowledge on Police issues; (ii) fulfill the ever increasing requirements of security agencies; (iii) undertake research on various aspects of Policing for generating knowledge and suggesting improvements to Police establishments; (iv) conduct Training Programmes for the Police Personnel to sensitize them about the recent developments and upgrade their skills for improving their productivity; and (v) act as a bridge between Police and people for improving the image of Police among the citizens

### PUBLICATIONS

#### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
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#### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
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Prof. Anil Monga (2021)	Assessment of Physical Infrastructure Availability for Women BSF Personnel: An Empirical Study; Public Affairs and Governance	2321-2128	Yes	Indianjournals.com
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#### DETAILS OF PUBLICATIONS

FULL PAPERS PUBLISHED IN PROCEEDINGS OF CONFERENCES

Name of Author	Title of the Paper	ISSN Number	Publisher
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NIL

#### DETAILS OF PUBLICATIONS

Articles Published in Newspapers

Name of Author Title of the Paper ISSN Number Publisher

Summary of Research Publications July 1, 2021 to June 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	Centre for Police Administration	Peer Review Journals	0	1	0	1

### RESEARCH SCHEMES

Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration (in years)	Principal Investigator and Research Team
NIL NIL	0	0	Nil/NA	2021 - 2022	NIL

## SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT

### Details of Seminars, Conferences, and Workshops organized during the Academic Year

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Workshop on Perosnality Development & Communication Skills on 20.12.21 (Session - I)	2021-12-20	2021-12-20	Centre for Police Administration & Central Placement Cell, Panjab University, Chandigarh	40
Workshop on Perosnality Development & Communication Skills on 20.12.21 (Session - II)	2021-12-20	2021-12-20	Centre for Police Administration & Central Placement Cell, Panjab University, Chandigarh	40
Workshop on Perosnality Development & Communication Skills on 21.12.21 (Session - I)	2021-12-21	2021-12-21	Centre for Police Administration & Central Placement Cell, Panjab University, Chandigarh	35
Workshop on Perosnality Development & Communication Skills on 21.12.21 (Session - II)	2021-12-21	2021-12-21	Centre for Police Administration & Central Placement Cell, Panjab University, Chandigarh	65

## SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Centre for Police Administration	Dr. Kuldeep Singh	Annual Training Camp	other	Others	Other	2 Chandigarh BN,NCC, Chandigarh	08/11/2021	12/11/2021	2 Chandigarh BN,NCC, Chandigarh
2	Centre for Police Administration	Dr. Kuldeep Singh	Seminar on Civil Aviation on the topic "Security Management and Leadership Traits	seminar	Academic and Research Event	National	Regional Office, Bureau of Civil Aviation Security, Amritsar on the occasion of "Azadi Ka Amrit Mahotsav"	07/10/2021	08/10/2021	Regional Office, Bureau of Civil Aviation Security, Amritsar on the occasion of "Azadi Ka Amrit Mahotsav"
3	Centre for Police Administration	Dr. Kuldeep Singh	NAAC Revisiting the quality benchmarks: An Assessor's Perspective	Professional Development Programmes	Training/Orientation	State	Mehr Chand Mahajan DAV College for Women, Sector-36, Chandigarh	28/07/2021	28/07/2021	Mehr Chand Mahajan DAV College for Women, Sector-36, Chandigarh
4	Centre for Police Administration	Dr. Kuldeep Singh	Process of Writing and Publishing Quality Research Papers in Indexed Journals	webinar	Training/Orientation	State	Mehr Chand Mahajan DAV College for Women, Sector-36, Chandigarh	30/07/2021	30/07/2021	Mehr Chand Mahajan DAV College for Women, Sector-36, Chandigarh
5	Centre for Police Administration	Dr. Kuldeep Singh	Research Methodology and Hands on Learning	Professional Development Programmes	Faculty Development Programme	National	School of Tribal Resource Management, Kalinga Institute of Social Sciences (KISS) (Deemed University)	02/08/2021	06/08/2021	School of Tribal Resource Management, Kalinga Institute of Social Sciences (KISS) (Deemed University)

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
6	Centre for Police Administration	Dr. Kuldeep Singh	Advanced Course in Research Skills: 7days workshop on Statistical Analysis and Interpretation	Professional Development Programmes	Faculty Development Programme	National	Mehr Chand Mahajan DAV College for Women, Sector-36, Chandigarh	20/08/2021	27/08/2021	Mehr Chand Mahajan DAV College for Women, Sector-36, Chandigarh

### Ph.D. Awards

Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	Centre for Administration	Police Parvesh Sharma	An Appraisal of E-Governance in Chandigarh Police	2021-10-05	Prof. R.K. Sharma

### MISCELLANEOUS

Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
1	Centre for Police Administration	To be updated by department in Department Profile Section.

1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
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No Data Entered !

2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
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NIL

3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/ Added	Total
Total Number of Computers in the department	0	0	0
Class rooms	0	0	0
Class rooms with Wifi/LAN facility	0	0	0
Class rooms with ICT facility (LCD/Projector)	0	0	0
No. of Research Labs	0	0	0
No. of Computer labs	0	0	0
Video Centre	0	0	0
Seminar Halls with ICT facility	0	0	0
Seminar Halls	0	0	0
No. of important equipments purchased (>= 10 lakh) during the current year.	0	0	0

Facilities	Existing	Newly Created/ Added	Total
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0

#### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

#### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
Observance of 'Sadbhavana Diwas' on 20th August, 2021 at 11:00 a.m.	20/08/2021	20/08/2021
Organized an Event 'Shaheedon Ko Naman' on the Police Commemoration Day i.e. 21st October, 2021	21/10/2021	21/10/2021
Observance of Vigilance Awareness Week - 2021 on 26.10.2021	26/10/2021	26/10/2021
Celebrated Constitution Day on 26th Nov., 2021.	26/11/2021	26/11/2021
Celebration of Matri Bhasha Diwas (Punjabi) on 21.02.2022	21/02/2022	21/02/2022
Celebration of Maharana Pratap Jayanti on 02nd June, 2022	02/06/2022	02/06/2022

#### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

#### 7. Number of Patents Published/Awarded

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

#### 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

## CENTRE FOR HUMAN RIGHTS & DUTIES

### SUMMARY OF PUBLICATIONS

The Centre for Human Rights and Duties imparts human rights education as an independent and integrated social science discipline. Its interdisciplinary faculty is dedicated to generate wide spread understanding about human rights while assigning due credence to duties. The Centre supplements formal instructions with field based exposure visits. It facilitates students internship with international, national and state level human rights bodies. The UGC JRF and UGC NET qualified students of the Centre pursue doctoral research on topics of contemporary relevance. The Centre is dedicated to building empathetic, vigilant and responsible students to pursue wide ranging career avenues in diverse sectors.

### PUBLICATIONS

#### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Namita Gupta (2021)	Environmental Consequenses of Dams; Environment , Development and Sustainability; Springer	9789813362475	International

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Namita Gupta (2022)	Moving From Liner Fashion to Circular Fashion; Unfolding latest Rehears and Practices in Fashion; Manak	9789391897369	National
Namita Gupta (2022)	Right to Work on Street vs. Right to Public Space; Preserving Urban Culture and Informal Economy; Mahindra	9789390758005	National

#### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
NIL				

#### DETAILS OF PUBLICATIONS

Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### DETAILS OF PUBLICATIONS

Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### Summary of Research Publications July 1 ,2021 to June 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	Centre for Human Rights & Duties	Chapter in a book	1	2	0	3

#### RESEARCH SCHEMES

Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration (in years)	Principal Investigator and Research Team

#### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT

Details of Seminars, Conferences, and Workshops organized during the Academic Year

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Capacity Building Workshop on Business Acumen for Soical Enterprises and Start-Ups	2021-10-21	2021-10-31	Dr. Upneet kaur Mangat	9

#### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Centre for Human Rights & Duties	Dr.Upneet KaurMangat	XL Annual Conference of Indian Society of Professional Social Work	conference	Academic and Research Event	National	Chandigarh	27/05/2022	28/05/2022	Centre for Social Work, Panjab University, Chandigarh



**Ph.D. Awards****Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022**

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
NIL					

**MISCELLANEOUS****Any other noteworthy achievement of the department during this Academic Year 2021 - 2022**

S.no	Department	Achievement
1	Centre for Human Rights & Duties	

**1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities**

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
NIL							

**2. Details of Collaborative activities**

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
NIL									

NIL

**3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022**

Facilities	Existing	Newly Created/Added	Total
NIL			

**4. Details of Extracurricular Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
Social Auditing of ICDS Scheme and Swachh Bharat Mission at Faidan Nizampur	15	Faidan Nizampur	28/05/2022	10/06/2022

**5. Activities to celebrate / organize national and international commemorative days, events and festivals**

Title of Event	From Date	To Date
Celebration of Constitution Day	26/11/2021	26/11/2021
International Women's day	08/03/2022	08/03/2022

**6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

**7. Number of Patents Published/Awarded**

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

**8. Revenue generated through consultancy**

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

NIL

## UNIVERSITY BUSINESS SCHOOL

### SUMMARY OF PUBLICATIONS

#### PUBLICATIONS

#### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Kulwinder Singh (2021)	Economic Reforms - I; Issues in Indian Economy'; Registrar, Krishna Kanta Handiqui State Open University, Guwahati.	978-93-91026-32-5	National
Tilak Raj and Arush Dev (2021)	Regional Disparities and Growth in Disbursement of MUDRA Loans to MSMEs in India; Exploring New Frontiers of the Business Opportunities and Challenges; Publisher- Bharti Publication	978-93-90818-65-5	National
Singh, Kulwinder, Sandhu, S. and Ranga, A (2022)	Sources of China's Export Growth: A Constant Market Share Analysis; Revisiting India-East Asia Connections Problems and Prospects; KW Publishers New Delhi	978-93-91490-44-7	National

#### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Hardeep Singh Mundi , Parmjit Kaur & R.L.N. Murty (2021)	A qualitative inquiry into the capital structure decisions of overconfident finance managers of family-owned businesses in India; Qualitative Research in Financial Markets	1755-4179	Yes	Emerald
Prof. Sanjay Kaushik & Ms. Disha Arora (2022)	Abusive Supervision And Subordinate's Personality: A Study Of Select Banks; Shodhsamhita	2277-7067	Yes	Journal of Kavikulaguru Kalidas Sanskrit University, Ramtek
Prof. Sanjay Kaushik & Ms. Nisha Kaushik (2022)	Ambidextrous Leadership And Its Role In Promoting Innovative Work Behaviour Of Employees In Select Software And Bpm Companies; Journal of the Asiatic Society of Mumbai	0972-0766	Yes	Asiatic Society of Bombay
HS Mundi & Parmjit Kaur (2022)	CEO Overconfidence and Capital Structure Decisions: Evidence from India; Vikalpa: The Journal for Decision Makers	0256-0909	Yes	Sage Journals
Prof. Purva Kansal & Dr. Saubhagya Bhalla (2022)	Collaborative Consumption Services : Testing the Impact of Reason-based Trust and Coercive Power Among Users and Non-Users; The IUP Journal of Marketing Management	09726845	Yes	IUP
Prof. (Dr.) Sanjay Kaushik & Manveen Kaur (2021)	Diversity Practices And Turnover Intention – Workplace Inclusion As Mediator; NIU International Journal of Human Rights	2394 – 0298	Yes	Noida International University
Nidhi Singhal, Deepak Kapur (2022)	Does social media activity lead to more funds? – a study on Indian start-ups; Journal of Entrepreneurship in Emerging Economies	2053-4604	No	Emerald

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISSN Number</b>	<b>Peer Reviewed (Y/N)</b>	<b>Publisher</b>
Harjit Kaur, Sanjay Kaushik (2022)	Examining the integration of continuous improvement and strategic planning in select pharmaceutical companies in India: a case study; The TQM Journal	1754-2731	Yes	Emerald Publishing Limited
I. Singla, N., Ahmed M. and Singh, Kulwinder (2021)	Financial Performance of Micro-Finance Institutions in India; Indian Journal of Economics and Development	2322-0430	Yes	Society of Economics and Development Ludhiana
Prof. Sanjay Kaushik & Ms. Nisha Kaushik (2022)	Impact Of Ambidextrous Leadership On Job Crafting Of Employees In Select Software And Bpm Companies; Shodhsanhita	2277-7067	Yes	Ramtek.,Kavi Kulaguru Kalidas Sanskrit University
B. B. Goyal (2022)	Impact of Big Five Personality Traits of Influencers on Positive Word of Mouth and Consumer Buying Decision: An Empirical Study Among Consumers; YMER	00440477	Yes	Svenska sällskapet for antropologi och geografi
Singh, K., Sandhu, S. and Ranga, A (2022)	India's Rising Import Dependence: An Analysis of its Current Status, Concerns, and Strategies; Indian Journal of Economics and Development	2277-5412	No	Society for Economics andDevelopment
Prof (Dr.) Sanjay Kaushik & Kriti Mahajan (2022)	Influence Of Toxic Leadership On Job Satisfaction And Turnover Intention- A Study Of Select Private Sector Banks In Punjab; ShodhSamhita	2277-7067	Yes	Journal of Kavikulaguru Kalidas Sanskrit University, Ramtek
Kulwinder Singh, Naresh Singla and Nirvair Singh (2022)	Irregular emigration from Indian Punjab: nature and causes; South Asian Diapora	1943-8184	Yes	Routledge Taylor and Francis
Prof. Sanjay Kaushik & Harjit Kaur (2022)	Resource allocation for implementing strategic quality management strategies in select pharmaceutical companies in India: A case study; International journal of productivity and quality management	1746-6482	Yes	Inderscience Enterprises Ltd.
Sonia Arora & Anupam Bawa (2021)	Response to Personalized Marketing Communication: An Empirical Investigation Comparing Users and Non Users of Surrogate Shoppers; Journal of Internet Commerce	1533-2861	Yes	Taylor & Francis
Prof (Dr.) Sanjay Kaushik and Kriti Mahajan (2022)	Toxic Leadership As A Predictor Of Organizational Commitment- A Study Of Female Nurses From Private Hospitals In Punjab; Journal of Kavikulaguru Kalidas Sanskrit University, Ramtek	2277-7067	Yes	KKSU Ramtek
Arpan Anand and Navdeep Kaur (2021)	What encourages the Indian family small and medium enterprises to internationalise?; International journal of business and globalisation	17533635	Yes	inderscience publishers
Arpan Anand , Navdeep Kaur (2021)	What encourages the Indian family small and medium enterprises to internationalise?; Int. J. Business and Globalisation	1753-3635	Yes	Inderscience Publishers

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Harsh Tuli, Deepak Kapur (2021)	Women Directors and Firm Performance : An empirical study of Indian listed firms; SEMCOM Management & Technology Review	2321-5968	Yes	Sardargunj Mercantile English Medium college of Commerce and Management
Prof. Sanjay Kaushik & Ms. Disha Arora (2022)	Workplace Ostracism And Counterproductive Work Behaviour: A Social Exchange Perspective; Journal of the Asiatic Society of Mumbai	0972-0766	Yes	Asiatic Society of Bombay,

#### DETAILS OF PUBLICATIONS

##### Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
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#### DETAILS OF PUBLICATIONS

##### Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
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#### Summary of Research Publications July 1, 2021 to June 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	University Business School	Peer Review Journals	11	8	1	21
2	University Business School	e-Journals	2	0	0	2
3	University Business School	Book with ISBN	0	2	0	2
4	University Business School	Chapter in a book	0	1	0	1

#### RESEARCH SCHEMES

##### Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
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#### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT

##### Details of Seminars, Conferences, and Workshops organized during the Academic Year

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Connecting women social entrepreneurs - Australia and India	2021-07-05	2021-07-16	Prof. Meena Sharma Prof. Purva Kansal 4 Colleagues from WSU	25

#### Seminars / Conferences / Symposia / Workshops Attended by the Faculty

##### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S. no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	University Business School	Kulwinder Singh	Annual international Conference of ISLE	conference	Academic and Research Event	International	IIT Roorkee Utrakhand	11/04/2022	13/04/2022	IIT Roorkee
2	University Business School	Kulwinder Singh	Audio Visual methods in	workshop	Faculty Development Programme	National	Deptt. of Anthropology PU CHD	26/04/2022	02/05/2022	Deptt. of Anthropology PU CHD

S. no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
			research: locating theory in practice							
3	University Business School	Dr. Tejinder Pal Singh	Production of Digital Content	Professional Development Programmes	Academic and Research Event	National	Tezpur University	03/08/2021	02/09/2021	Teaching Learning Centre, Tezpur University
4	University Business School	Dr. Tejinder Pal Singh	Production of Digital Content	Professional Development Programmes	Academic and Research Event	National	Tezpur University	25/10/2021	03/11/2021	Teaching Learning Centre, Tezpur University
5	University Business School	Dr. Tejinder Pal Singh,	Innovative Tools for Online Assessment and Evaluation	Professional Development Programmes	Refresher Course	National	Tezpur University	06/12/2021	20/12/2021	Teaching Learning Centre, Tezpur University
6	University Business School	Dr. Tejinder Pal Singh	Production of Digital Content	Professional Development Programmes	Faculty Development Programme	National	Tezpur University	01/02/2022	02/03/2022	Teaching Learning Centre, Tezpur University
7	University Business School	Dr. Tejinder Pal Singh	E-learning Applications	Professional Development Programmes	Faculty Development Programme	National	Tezpur University	14/03/2022	18/03/2022	Teaching Learning Centre, Tezpur University
8	University Business School	Dr. Tejinder Pal Singh	Production of Digital Content	Professional Development Programmes	Faculty Development Programme	National	Tezpur University	04/04/2022	08/04/2022	Teaching Learning Centre, Tezpur University
9	University Business School	Dr. Tejinder Pal Singh	Production of Digital Content	Professional Development Programmes	Faculty Development Programme	National	Tezpur University	09/06/2022	15/06/2022	Teaching Learning Centre, Tezpur University
10	University Business School	Dr. Tejinderpal Singh	Workshop/STC on MOOCs & E-Content Development(MOOCs Planning and Development)	workshop	Academic and Research Event	National	Shimla	20/12/2021	25/12/2021	UGC – Human Resource Development Centre Himachal Pradesh University, Shimla – 5
11	University Business School	Dr. Tejinderpal Singh	Workshop/STC on MOOCs & E-Content Development (Learning from personal experience)	workshop	Academic and Research Event	National	Shimla	20/12/2021	25/12/2021	UGC – Human Resource Development Centre Himachal Pradesh University, Shimla – 5
12	University Business School	HARSH TULLI, DEEPAK KAPUR	GLOBUSS 2021	conference	Academic and Research Event	International	ONLINE	27/08/2021	28/08/2021	AMITY SCHOOL OF BUSINESS
13	University Business School	Kulwinder Singh	Features of Normality	workshop	Training/Orientation	University	Dept. of Education PU	21/07/2021	21/07/2021	Dept. of Education, PU
14	University Business School	Dr Tejinderpal Singh	Seven Day Online International Workshop on Applied Research Methodology (Session 1)	workshop	Academic and Research Event	International	Online	27/06/2022	03/07/2022	Department of Humanities & Social Sciences Motilal Nehru National Institute of Technology, Allahabad.

S. no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
15	University Business School	Dr. Tejinder Pal Singh	Research Methodology in Social Sciences for the Research Scholars/Faculty Members (Fundamentals of Research-I)	workshop	Training/Orientation	National	Chandigarh	31/12/2021	12/01/2022	ICSSR, NWRC, PU, Chd
16	University Business School	Dr. Tejinder Pal Singh	Research Methodology in Social Sciences for the Research Scholars/Faculty Members (Qualitative Research-II)	workshop	Training/Orientation	National	Chandigarh	31/12/2021	12/01/2022	ICSSR, NWRC, PU, Chd
17	University Business School	Meena Sharma	Chaos, Complexity, and Resilience: Business and Society in Pandemic Context	conference	Academic and Research Event	International	Orissa	26/02/2022	26/02/2022	Kalinga Institute of Industrial Technology, ICMR
18	University Business School	Meena Sharma	International Conference On Embracing Transformation: Innovation And Creation	conference	Academic and Research Event	International	Kodolanyi Janos University	26/05/2022	28/05/2022	Kodolanyi Janos University, Hungary Trapedrepreneur Global Research Organisation
19	University Business School	Meena Sharma	18th National Conference GJ Natconmite 2021	conference	Academic and Research Event	National	Mohali	13/10/2021	13/10/2021	Gian Jyoti Institute of Management
20	University Business School	Prof. Meena Sharma	9th International Conference on Business, Accounting, Finance and Economics	conference	Academic and Research Event	International	Malaysia	13/10/2021	13/10/2021	Universiti Tunku Abdul Rahman, Kampar, Malaysia
21	University Business School	Rakesh Mohindra	Online - 7-Days FDP on Re-engineering the role of Teacher as Mentor	Professional Development Programmes	Faculty Development Programme	National	Chandigarh	22/07/2021	28/07/2021	HRDC
22	University Business School	Tilak Raj	FDP on Intellectual Property	Professional Development Programmes	Faculty Development Programme	National	Chandigarh	07/05/2022	13/05/2022	HRDC

#### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	University Business School	Malvika Walia	Leadership and employee performance	2021-07-13	Prof. Sanjay kaushik
2	University Business School	Manpreet Kaur	Selling Used Goods as Form of Disposal by Consumers: An Empirical Examination of Select Aspects	2021-09-17	Prof. Anupam Bawa

<b>S.No.</b>	<b>Department</b>	<b>Name of Candidate</b>	<b>Title of the Thesis</b>	<b>Date of Notification</b>	<b>Supervisor(s)</b>
3	University Business School	Saubhagya Bhalla	Collaborative Consumption And Theory Of Reasoned Action-A Study Of Motivations And Constraints	2022-04-06	Prof. Purva Kansal
4	University Business School	Sumedha	Social Intelligence And Job Satisfaction: A Study Of Select Hotels Of Northern India	2021-09-30	Prof. Sanjay Kaushik
5	University Business School	Akashdeep Joshi	Workplace Spirituality And Its Impact On Work-Life Balance, Organisational Commitment And Job Satisfaction: A Study Of Select Banks In Northern India	2021-08-11	Prof Meenakshi Malhotra
6	University Business School	Neha Singh	Antecedents And Consequences Of Surface Traits: Materialism, Consumer Insecurity And Consumer Loneliness	2022-06-29	Prof Purva Kansal
7	University Business School	Sonu Kumari	Impact of Perceived Organizational Virtuousness on Workplace Happiness: A Study of it and Sector Employees in Delhi-NCR	0000-00-00	Prof. Geeta Bansal
8	University Business School	Jasmine Kaur	Protean Career Orientation And Boundaryless Career Orientation As Determinants Of Career Success: A Study In Select It Organization Of North India	2021-11-26	Prof. Sanjay Kaushik
9	University Business School	Rajni	Dynamics of Capital Structure Adjustment And Financial Performance An Empirical Study Of Selected Indian Companies	2022-06-13	Prof. Karamjeet Singh
10	University Business School	Kamalpreet kaur	Influence of Web-Based Reporting on Firm Performance: A Study of Selected Indian, U.S. and Japanese Companies	2022-04-26	Prof. Karamjeet Singh
11	University Business School	Manveen Kaur	Antecedents And Outcomes Of Workplace Inclusion In Select Banks Of Punjab, Chandigarh And Haryana	2021-11-25	prof sanjay kaushik
12	University Business School	Nikita Chopra	Portfolio Optimisation, Risk Management And Professional Bias: An Empirical Analysis Of The Indian Stock Market	2022-02-08	Prof. Suveera Gill
13	University Business School	Pooja Agarwal	Extent, Determinants And Impact Of Financial Inclusion In Punjab	2022-03-15	Prof. Meena Sharma Prof. A.K. Vashisht
14	University Business School	Rajbir Kaur	Accounting Conservatism, Corporate Governance And Firm Performance: An Empirical Study In Indian Context	2022-06-09	Prof. Meena Sharma
15	University Business School	Preeti Kaushal	Showrooming Effect : A Study Of Cross Channel Shoppers Behaviour And Retail Salespersons Performance	0000-00-00	Prof. Suresh K. Chadha, Dr. Tejinder Pal Singh
16	University Business School	Poonam Sharma	Socio-Economic, Cultural Orientation, Personality Traits And Success Of Small Business	0000-00-00	Pro. Manoj Kumar Sharma
17	University Business School	Purnima Satija	Disclosure, Performance And The Perfection Of Responsible Investments: An Empirical Analysis In The Indian Context	2022-05-17	Prof. Suveera Gill

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
18	University Business School	Suman Rani	Growth And Impact Of Bancassurance On The Efficiency Of Banking And Insurance Sector In India	0000-00-00	Prof. Meena Sharma
19	University Business School	Karan Gandhi	Real Earnings Management And Firm Performance: An Empirical Study In Indian Context	0000-00-00	Prof. Dinesh K. Gupta and Prof. Manoj Anand
20	University Business School	Amandeep Nahar	Work Place Incivility : Its Impact On Psychological Well-Being, Individual Work Performance And Turnover Intention Of The Employees In Select Banks Of Northern Indi	2021-08-19	Prof. Sanjay Kaushik
21	University Business School	Kritika Rana	Supply Chain Management As A Tool For Gaining Sustainable Competitive Advantage: Challenges And Responses Of Indian Pharmaceutical Industry	2021-07-13	Prof. Sanjeev.K. Sharma
22	University Business School	Aakriti	Impact Of Competition, Digitization, Sustainability Practices On Vusiness Strategy: A Study Of Indian Printing Industry	0000-00-00	Prof. Karamjit Singh & Dr. Monica Bedi
23	University Business School	Puja Rani	Impact Of Public Education Expenditure And Helth Expenditue On Economic Growth And Human Development Indices In Northern India	2022-06-23	Prof. Deepak Kapur
24	University Business School	Vikas	Regional Disparities In Economic Development of Punjab : An Inter-district Analysis	2022-02-14	Dr. Tilak Raj
25	University Business School	Balbir Singh	Perceived Organizational Politics And Employee Silence With Superior Trust As A Moderator In Few Select Banks In Northern India	0000-00-00	Prof. Meenakshi Malhotra
26	University Business School	Shreya Sharda	Impact Of Optionas Trading Strategies On Profitabilty: Empirical Evidence From The Indian Stock Market	2022-05-04	Prof. Parmjit Kaur
27	University Business School	Ankita Bhardawaj	Value Co-Creation Through Digital Technology: An Empirical Investigation Of Travel And Tourism Products	0000-00-00	Prof. Sanjeev Kumar Sharma

#### MISCELLANEOUS

**Any other noteworthy achievement of the department during this Academic Year 2021 - 2022**

S.no	Department	Achievement
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**1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities**

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
NIL							



**2. Details of Collaborative activities**

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
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NIL

**3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022**

Facilities	Existing	Newly Created/Added	Total
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NIL

**4. Details of Extracurricular Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
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NIL

**5. Activities to celebrate / organize national and international commemorative days, events and festivals**

Title of Event	From Date	To Date
Inauguration Ceremony (Batch of 2021-23)	08/08/2021	08/08/2021
Cleanliness-cum-Plantation Drive	23/09/2021	23/09/2021
Seminar: Women Empowerment	08/03/2022	08/03/2022

**6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
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NIL

**7. Number of Patents Published/Awarded**

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
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NIL

**8. Revenue generated through consultancy**

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
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NIL

**UNIVERSITY INSTITUTE OF APPLIED MANAGEMENT SCIENCES**

**SUMMARY OF PUBLICATIONS**

**PUBLICATIONS**

**DETAILS OF PUBLICATIONS**

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Prof. Monika Aggarwal (2022)	Simulation-based Teaching Pedagogy and Entrepreneurship Education: A Bibliometric Analysis; Technology and Entrepreneurship Education Adopting Creative Digital Approaches to Learning and Teaching; Palgrave Macmillan, Cham	9783030842918	International

## DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Dr. Arunachal Khosla (2021)	A Study on Emotional Intelligence and Its Role in Predicting Life Satisfaction in the Indian IT Sector; Design Engineering	0011-9342	Yes	Rogers Media Publishing, Canada
Aman Dheer, Prof. Upasana Joshi , Prof. Sharma S.K (2021)	Assessment of E – Readiness Amongst Citizens With Special Context of Government’s E - Services: A Case of TriCity Pp 103 – 110; The Journal of Oriental Research Madras(2021 Vol MM XXI– XCII	0022-3301	Yes	The Kuppuswami sastri Research Institute
Ankita, Sharma S.K (2021)	“Empirical Validation of Impetus for Co-Creation in Travel Services” Pp 40-47; International Journal for Research in Engineering Application & Management Vol 6 (11) 2021)	2454-9150	No	Ijream
Poonam Jaswal, Prof. Monika Aggarwal (2021)	Board Characteristics And Performance Of Banks- Evidence From India; -	1309-4653	Yes	Science Research Society
Dr. Manoj Anand and Dr. Jagandeep Singh (2021)	Business students’ perception of corporate social responsibility: an exploratory study; Decision	0304-0941	No	Indian Institute of Management Calcutta
Dr. Nidhi Gautam (2022)	Customer segmentation using k-means clustering for developing sustainable marketing strategies; Бизнес-информатика	-	Yes	Федеральное государственное автономное образовательное учреждение высшего образования «Национальный исследовательский университет «Высшая школа экономики»
Ankita, Sharma S.K (2021)	Customer Value Co-Creation, Satisfaction and Repurchase Intention - A case of online travel booking Pp 58-64; International Journal for Research in Engineering Application & Management Vol 6 (11) (2021)	2454-9150	Yes	NIL
Dr. Nidhi Gautam (2021)	Data Mining Methods and Techniques for Online Customer Review Analysis: A Literature Review; Journal of System and Management Sciences	1816-6075	Yes	-
Dr. Arunachal Khosla (2021)	Demographic Predictors of adoption of E-Books: Experience from India; PIMT Journal of Research	2278-7925	Yes	Punjab Institute of Management & Technology
Aman Dheer, Upasna Sethi, Sharma S.K. (2021)	Determining the Efficacy of eServperf for Monitoring Quality of Governments’ E – Services: With Special Reference to Government’s Contact Centers pp 482-89; International Journal of Management(IJM)Vol 12 (3)(2021)	0976-6502	Yes	NA

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISSN Number</b>	<b>Peer Reviewed (Y/N)</b>	<b>Publisher</b>
Prof. Nishi Sharma (with Mr Arshdeep and Ms. Shailika Rawat) (2022)	Does commitment to environment and society pays? Evidence from COVID-19 impact on stock volatility; Vilakshan-XIMB Journal of Management	0973-1954	No	Emerald
Dr. Ajay Kumar Dogra (2021)	Effect of effective patient communication and customer orientation on service quality leading to patient satisfaction: a study of multi-specialty hospitals of North India; International journal of management practice	1741-8143	No	Inderscience publishers
Sharma S.K, Mridul Trikhya (2022)	Essential factors persuading Customer's purchase decisions; Parichaya(2022) Vol. 37 (1)	2321-936X	Yes	NIL
Verma, P., Kumar, S. and Sharma, S.K. (2022)	Evaluating the total quality and its role in measuring consumer satisfaction with e-healthcare services using the 5Qs model: a structure equation modeling approach pp 22-46; Benchmarking: An Intl Journal, Vol 29(1) (2022)	1463-5771	Yes	Emerald Group Holdings Ltd.
Verma, P., Kumar, S. and Sharma, S.K. (2021)	Evaluating the total quality and its role in measuring consumer satisfaction with e-healthcare services using the 5Qs model: a structure equation modeling approach"; Benchmarking: An International Journal	1463-5771	Yes	Emerald
Prof. Nishi Sharma (with Mr. Nikhil Bhardwaj and Dr Anupreet Kaur Mavi) (2022)	Impact of COVID-19 on long run and short run financial integration among emerging Asian stock markets; Journal Business, Management and Economics Engineering	na	No	Vilnius Gediminas Technical University
Dr. Aman Khera (2021)	Impact Of Organizational Citizenship Behaviour On Organizational Commitment among Employees In Indian Banking Sector; Kala Sarovar	0975-4520	Yes	An International UGC CARE Journal
Dr. Nidhi Gautam (2021)	Impact of post-COVID-19 on the hospitality tourism: Impact evaluation, survive, revive and thrive; International Journal of Health Sciences	7152–7172.	Yes	-
Dr. Ajay Kumar Dogra (2021)	Impact of Service Quality and Patient Orientation on Loyalty Through Mediation of Patient Satisfaction; ESC Transactions	1938-6737	No	ECS
Dr. Manu Sharma (2022)	Influence of Interest Rates on Returns of Real Estate Private Equity Index and Real Estate Public Equity Index; Real Estate Management and Valuation	2300-5289	No	SCIENDO
Dr. Manu Sharma (2022)	Influence of Various Asset Classes on Equity as an Asset Class: A USA Based Study; ECS Transactions	1938-5862	Yes	IOP Publishing

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISSN Number</b>	<b>Peer Reviewed (Y/N)</b>	<b>Publisher</b>
Prof. Monika Aggarwal (2021)	Intellectual capital and Firm Performance:: A Systematic Literature; Vidyabharati International Interdisciplinary Research Journal (Special Issue)	23194979	Yes	Vidyabharti
Verma, P., Kumar, S. and Sharma, S.K. (2021)	Multiple dimensions of e-healthcare ethics and its relationship to the ethical concerns of the consumer"; International Journal of Ethics and Systems	2514-9369	Yes	Emerald
Dr. Arunachal Khosla (2021)	Relationship between Spiritual Intelligence and Psychological Well-being among Indian and International Students in India; Journal of Institute of Public Enterprise	0971 1864	Yes	Institute of Public Enterprise, Osmania University, Hyderabad
Prof. Monika Aggarwa & Ramanjit Kaur Joha (2021)	Rural women entrepreneurship: a systematic literature review and beyond; World Journal of Science , Technology and Sustainable	2042-5945	Yes	Emerald Publishing Limited
Dr. Aman Khera (2022)	Shodhsamhita; Impact of Organizational Silence on Job Satisfaction Among Employees In Selected Banks In Northern India	I2277-7067	Yes	-
Dr. Arunachal Khosla (2021)	Social Entrepreneurship in India: Scope and Challenges; The Journal of PalArch's Journal of Archaeology of Egypt	1567-214X	Yes	PalArch Foundation
Dr. Manu Sharma (2021)	Structuring Asset Pricing During Pandemic Times and Market Events; journal of wealth management	1534-7524	No	Portfolio Management Research
Ms. Aman Dheer, Dr. Upasana Joshi Sethi, Dr. Sanjeev Kumar Sharma (2022)	Study to Determine the Applicability of SERVPERF to Measure the Quality of Governments' e - Services for Customer Satisfaction; International Journal of Mechanical Engineering	0974-5823	Yes	Kalahari Journals
Aman Dheer Upasana Joshi Sethi, Sharma S.K (2022)	Study to Determine the Applicability of SERVPERF to Measure the Qualityof Governments' e - Services for Customer Satisfaction; International Journal of Mechanical Engineering(2022) Vol. 7 (5)	0974-5823	Yes	na
Rana Kritika, Sharma S.K. (2022)	Supply chain performance in the era of digitisation: the role of electronic supply chain management. PP: 503 – 536; International Journal of Logistics Systems and Management(2022)Vol. 41 (4)	1742-7967 E ISSN: 742-7975	No	Inderscience Publishers
Harwinder Bharthy &Prof. Upasna Joshi Sethi (2021)	The Mental Health of Students During Covid-19 Lockdown; Indian Journal of Psychology	0019-5553	No	Prof. Jatinder Mohan

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Dr.Harsh Tuli, Deepak Kapur (2021)	women directors and firm performance: An empirical study of listed firms in India; SEMCOM Management & Technology Review	2321-5968	Yes	Sardar Gunj Mercantile English Medium college of Commerce and Management
"Prof. Upasna Joshi Sethi, Jashan Jot Jashan Jot " (2021)	Women Workforce Participation in India; The Journal Of Oriental Research Madras	0022-3301	No	The Kuppuswami Sastri Research Institute

#### DETAILS OF PUBLICATIONS

##### Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
Dr.Manu Sharma (2022)	Influence of Various Asset Classes on Equity as an Asset Class: A USA Based Study; ECS Transactions	1938-5862	Electrochemical Society, Inc.
Dr. Manu Sharma (2022)	Performance and Volatility Analysis of Real Estate Private Equity Index and Listed REIT Index: A USA-Based Study; ECS Transactions	1938-5862	Electrochemical Society, Inc.
Dr.Manu Sharma (2022)	Performance and Volatility Analysis of Real Estate Private Equity Index and Listed REIT Index: A USA-Based Study; ECS Transactions	1938-5862	IOP Publishing

#### DETAILS OF PUBLICATIONS

##### Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
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#### Summary of Research Publications July 1 ,2021 to June 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	University Institute of Applied Management Sciences	Peer Review Journals	19	4	2	25
2	University Institute of Applied Management Sciences	e-Journals	9	1	1	11
3	University Institute of Applied Management Sciences	Conference Proceedings	3	0	0	3
4	University Institute of Applied Management Sciences	Chapter in a book	1	0	0	1

#### RESEARCH SCHEMES

##### Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration (in years)	Principal Investigator and Research Team
Indian Council of Social Science Research, New Delhi	Major Research Project	600000	0	Major	2017 - Till Date	Dr.Anupreet Kaur Mavi
Research Council UK	Global Challenges Research Fund	15009158	1000000	Major	2020 - 2021	Prof. Ramanjit Kaur

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration (in years)	Principal Investigator and Research Team
Foundation for Scientific Research and Technological Innovation, Hyderabad	-	200000	100000	Others	2019 - Till Date	Dr. Nishi Sharma
PSDM Govt. of Punjab	Skill Gap Analysis	5367600	4067600	Others	2022 - 2023	Prof. Monika Aggarwal

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT**  
**Details of Seminars, Conferences, and Workshops organized during the Academic Year**

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Data Science and Machine Learning	2022-06-02	2022-06-02	University Institute of Applied Management Sciences, Panjab University Chandigarh	30
Case Based Discussion	2022-06-24	2022-06-24	UIAMS,PU	55
CREST 2022	2022-05-26	2022-05-27	University Institute of Applied Management Sciences (UIAMS) Panjab University, Chandigarh	80
Session on Interview Skills	2022-06-30	2022-06-30	University Institute of Applied Management Sciences (UIAMS) Panjab University, Chandigarh	40
"E-Library Tools	2022-02-28	2022-02-28	University Institute Of Applied Management Sciences	46
Seminar on Cyber crime Awareness	2022-05-24	2022-05-24	University Institute Of Applied Management Sciences	76

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY**

**3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022**

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	University Institute of Applied Management Sciences	Dr. Jagandeep Singh	UGC-Human Resource Development Centre Panjab University, Chandigarh	other	Faculty Development Programme	National	Panjab University, Chandigarh under RUSA	14/07/2021	20/07/2021	Panjab University, Chandigarh under RUSA 2.0 grant
2	University Institute of Applied Management Sciences	Prof. Monika Aggarwal	Women in Leadership: Emerging Issues and Challenges	conference	Others	International	Punjabi University Patiala	24/11/2021	25/11/2021	Women's Studies Centre, Punjabi University, Patiala
3	University Institute of Applied Management Sciences	Prof. Monika Aggarwal	Navigating the New Normal	conference	Others	National	Online	13/10/2021	13/10/2021	GJIMT, Mohali

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
4	University Institute of Applied Management Sciences	Prof. Monika Aggarwal	Navigating the New Normal	conference	Others	National	online	13/10/2021	13/10/2021	GJIMT, Mohali
5	University Institute of Applied Management Sciences	Dr.Anupreet Kaur Mavi	Workshop on Research Methods & Statistics with SPSS	workshop	Others	National	Online	31/01/2022	04/02/2022	Edmaestro
6	University Institute of Applied Management Sciences	Dr.Anupreet Kaur Mavi	Acted as Instructor for the module 'Gender and economy'" of the online certificate Course on 'Understanding Gender, Inequality, Intersectionality and Social Action: Feminist Perspective'. (1 July,2021) "	other	Short-Term Course	National	Online	01/07/2021	01/07/2021	Maharaja Agrasen Institute of Management Studies (MAIMS), New Delhi
7	University Institute of Applied Management Sciences	Dr.Anupreet Kaur Mavi	Gender Equality and Empowerment today for a suitable Tomorrow"	Professional Development Programmes	Faculty Development Programme	International	Online	16/03/2022	31/03/2022	online
8	University Institute of Applied Management Sciences	Harsh Tuli	Global Business Strategies for Sustainability	conference	Others	International	Online	27/08/2021	28/08/2021	Amity University
9	University Institute of Applied Management Sciences	Dr. Aman Khera	Sustainable Development Goals: Harnessing Innovation, Technology And Society 5.0	conference	Others	International	U.P.	31/03/2022	01/04/2022	Amity University
10	University Institute of Applied Management Sciences	Dr. Aman Khera	Shodh Sarita	other	Others	International	UIAMS, Panjab University	29/01/2022	29/03/2022	-
11	University Institute of Applied Management Sciences	Dr. Aman Khera	Information Sources and Services for Teaching, Learning and Research	other	Faculty Development Programme	National	Panjab University, Chandigarh	01/02/2022	07/02/2022	Human Resource Development Centre, Panjab University, Chandigarh
12	University Institute of Applied Management Sciences	Dr. Aman Khera	The Marginalized: Continuities and Changes	other	Faculty Development Programme	National	Online	02/03/2022	08/03/2022	Dr. B.R. Ambedkar Centre, Panjab University
13	University Institute of Applied Management Sciences	Dr. Aman Khera	Contemporary Issue in Business Management (ICCIMB-2022)	conference	Others	International	Smit,Sikkim	03/02/2022	04/02/2022	-

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
14	University Institute of Applied Management Sciences	Prof. Monika Aggarwal	Training the Rural Women of Punjab	workshop	Others	International	Online	19/01/2022	19/01/2022	Online in UK & India
15	University Institute of Applied Management Sciences	Prof. Monika Aggarwa	Circular economy : Driving Towards Sustainability	conference	Others	International	Dr. SSB University Institute of Chemical Engineering and Technology, Panjab University,	19/08/2021	20/08/2021	Dr. SSB University Institute of Chemical Engineering and Technology, Panjab University,
16	University Institute of Applied Management Sciences	Prof. Monika Aggarwal	International Conference on Contemporary issue in Suitable Management Practices & Technology Innovation	conference	Others	International	Online	24/07/2021	24/07/2021	Sri Guru Hari Singh College
17	University Institute of Applied Management Sciences	Prof. Monika Aggarwa	“Challenge of Changing Patterns in a Border less World”	conference	Others	International	Online	29/07/2021	29/07/2021	-
18	University Institute of Applied Management Sciences	Prof. Monika Aggarwal	TIGRE2ESS Summative Policy WORKSHOP	workshop	Others	International	Online	02/02/2022	02/02/2022	Online
19	University Institute of Applied Management Sciences	Dr. Aman Khera	To study and measure the impact of demographic variables on Psychological Capital in Indian Banking Sector	conference	Social Issues	International	Rome, Italy	20/05/2022	22/05/2022	Organizing Committee Farzam Chakherlouy
20	University Institute of Applied Management Sciences	Prof. Sanjeev Kumar Sharma	ICETEM- Organisation Resources in the Indian IT Industry	conference	Others	International	Jalandhar Cantt.	24/06/2022	24/06/2022	Lyallpur Khalsa College Technical Campus< Jalandhar Cantt.
21	University Institute of Applied Management Sciences	Prof. Sanjeev Kumar Sharma	Factors Influencing Adoption of Internet of things (IOT) Technology an empirical Study of Smart Manufacturing Services among MSMEs in north India	conference	Others	International	Amritsar	21/01/2022	22/01/2022	Indian Institute of Management , Amritsar
22	University Institute of Applied Management Sciences	Prof. Sanjeev Kumar Sharma	Resource Person in AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "AICTE Sponsored FDP on	Professional Development Programmes	Faculty Development Programme	National	Online	23/08/2021	27/08/2021	AICTE Training and Learning (ATAL) Academy



S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
			Research Methodology- Techniques & Software for Social Sciences" from							
23	University Institute of Applied Management Sciences	Dr. Ajay Dogra	UGC-Sponsored Refresher Courses	workshop	Refresher Course	University	Online	12/03/2022	25/03/2022	HRDC P.U> Chandigarh
24	University Institute of Applied Management Sciences	Prof. S.K Sharma	Research Methodology- Techniques & Software for Social Sciences (SPSS Based Elementary Level)	Professional Development Programmes	Faculty Development Programme	University	Online	23/08/2021	27/08/2021	Assam University
25	University Institute of Applied Management Sciences	Nidhi Gautam	Academic Leadership for Academic Administration	Professional Development Programmes	Faculty Development Programme	National	Chandigarh	10/02/2022	10/02/2022	HRDC

#### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
NIL					

#### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
1	University Institute of Applied Management Sciences	

#### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
NIL							

#### 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
1	University Institute of Applied Management Sciences	Iconic Week @ Azadi Ka Mahotsav	Centre for Medical Physics	350	06/03/2022	National	Azadi Ka Amrit Mahotsav (NSS)	-	13/03/2022
2	University Institute of Applied Management Sciences	Seminar on Cyber Crime Awareness	(Cybercrime expert), and ASI Gulab Singh (Chandigarh Cybercrime branch).	30	24/05/2022	National	WORKSHOP	UIAMS	24/05/2022

### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
Class rooms	15	0	15
Class rooms with ICT facility (LCD/Projector)	15	0	15
No. of Research Labs	0	0	0
No. of Computer labs	2	0	2
Total Number of Computers in the department	38	0	38
Video Centre	0	0	0
Seminar Halls with ICT facility	1	0	1
Seminar Halls	1	0	1
No. of important equipments purchased ( $\geq$ 10 lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0
Class rooms with Wifi/LAN facility	15	0	15

### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
"E-Library Tools	45	University Institute of Applied Management Sciences	28/02/2022	28/02/2022
Iconic Week @ Azadi Ka Amrit Mahotsav	350	UIAMS, South Campus Sector 25, Chandigarh	06/03/2022	13/03/2022
International Women's Day	270	UIAMS, South Campus Sector 25, Chandigarh	08/03/2022	08/03/2022
'Ethnic Day'	160	UIAMS, South Campus Sector 25, Chandigarh	19/04/2022	04/04/2022
Seminar on Cyber Crime Awareness	75	University Institute of Applied Management Sciences	24/05/2022	24/05/2022
CREST 2022	80	UIAMS, PU	26/05/2022	27/05/2022
Financial Empowerment through wealth creation	70	UIAMS,PU	26/05/2022	27/05/2022
Euphoria 2022, Farewell Party	280	Golden Jubilee Hall	01/06/2022	01/06/2022
Data Science and Machine Learning	30	University Institute of Applied Management Sciences, Panjab University Chandigarh	02/06/2022	02/06/2022
Case Based Discussion	55	UIAMS,PU	24/06/2022	24/06/2022
Session on Interview Skills	40	Online	30/06/2022	30/06/2022

### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
International Women's Day	08/03/2022	08/03/2022

### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
"E-Library TOOLS	45	University Institute of Applied Management Sciences	28/02/2022	28/02/2022
International Women's Day 270	270	UIAMS, South Campus Sector 25, Chandigarh	08/03/2022	08/03/2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
'Ethnic Day'	160	UIAMS, South Campus Sector 25, Chandigarh	19/04/2022	19/04/2022
Seminar on Cyber Crime Awareness	75	UIAMS, South Campus Sector 25, Chandigarh	24/05/2022	24/05/2022
CREST 2022	80	UIAMS, South Campus Sector 25, Chandigarh	26/05/2022	26/05/2022
Euphoria 2022, Farewell Party	280	Golden Jubilee Hall	01/06/2022	01/06/2022
Data Science and Machine Learning	30	University Institute of Applied Management Sciences, Panjab University Chandigarh	02/06/2022	02/06/2022
Session on Interview Skills	40	UIAMS, South Campus Sector 25, Chandigarh	30/06/2022	30/06/2022

#### 7. Number of Patents Published/Awarded

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

#### 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

## UNIVERSITY INSTITUTE OF HOTEL AND TOURISM MANAGEMENT

### SUMMARY OF PUBLICATIONS

#### PUBLICATIONS

#### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Dr. Jaswinder Kumar (2021)	Home Stays and Socio-economic upliftment: A Case Study of Himachal Pradesh; Revive to Survive: Initiatives and Innovations; Bharti Publications	978-93- 90818-04-4	National
Mr. Jaswinder Singh (2022)	Recipes from Chef: Altered by Nutritionist; Recipes from Chef: Altered by Nutritionist; Bharti Publications	978-93- 91681-45-6	National

#### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Neeraj Aggarwal (2022)	A Comparative evaluation of Hospitality aspirants perceptions and expectations of Housekeeping professionals towards an Entrepreneurialv career in the hospitality business; Journal of Positive Psychology	48074819	Yes	Jounal of Positive school psychology

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISSN Number</b>	<b>Peer Reviewed (Y/N)</b>	<b>Publisher</b>
Dr. Anish Slath (2022)	A Study On Traditional Foods And Beverages Of Himachal Pradesh; International Journal of Creative Research Thoughts	2320-2882	Yes	IJCRT
Dr. Anish Slath (2022)	A Study On Traditional Foods And Beverages Of Himachal Pradesh; International Journal of Creative Research Thoughts (IJCRT)	2320-2882	Yes	International Journal of Creative Research Thoughts (IJCRT)
Parshant K. Gautam (2021)	CSR A Saviour In COVID-19 Pandemic- Case Study Of Indian Companies; Webology	1735-188X	Yes	Info Sci Publisher
Prashant K. Gautam (2021)	Data Mining Methods and Techniques for Online Customer Review Analysis: A Literature Review; Journal of System and Management Sciences	1818-0523	Yes	Success Culture Press
Prashant K. Gautam (2021)	Efficacy of Traditional Indian Herbal Plants in Asthma Prevention: A Mini Review; Nat. Volatiles & Essent. Oils	1186-1190	Yes	Badebio Biotechnology Ltd
Neeraj Aggarwal (2021)	Examination of Hotel Management Aspirants Perspectives towards a career in technologically inclined hospitality sector- Special reference to the housekeeping industry; Webology	1735188X	Yes	Webology
Neeraj Aggarwal (2021)	Excellent Services enhances customer loyalty and study on hotels in the capital region of Uttarakhand; Vidyabharati International Interdisciplinary research journal	23194979	Yes	Vidyabharati International Interdisciplinary Research Journal
Arun Singh Thakur (2021)	Geotourism Potential: A Case Study of Ladakh; Tourism Innovations	22788379	Yes	Bharti Publications Delhi
Arun Singh Thakur (2022)	Gut Health-The Game of probiotics; Turkish Journal of Physiotherapy and Rehabilitation	2651-4451	Yes	<a href="http://www.turkjphysiotherrehabil">http://www.turkjphysiotherrehabil</a>
mr. Jaswinder Singh (2021)	Health Benefits Of Traditional Kitchen Utensils Composed Of Brass, Copper And Iron Using In Kitchen; NVEO - Natural Volatiles & Essential Oils	2148-9637	Yes	NVEO - Natural Volatiles & Essential Oils
Mr. Jaswinder Singh (2021)	How Mayonnaise Turned As A Culinary Mother Sauce (A Molecular Study Of Different Oil's And Their Results To Finds Better Tasting And Stable Mayonnaise); Webology	1735-188X	Yes	Info Sci Publisher
Prashant K. Gautam (2021)	How Mayonnaise Turned As A Culinary Mother Sauce (A Molecular Study Of Different Oil's And Their Results To Finds Better Tasting And Stable Mayonnaise); Webology	1735-188X	Yes	Info Sci Publisher

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Dr. Anish Slath (2022)	Impact Of Coronavirus Pandemic On Hospitality Industry With Special Reference To India; IJAR	2320-5407	Yes	IJAR
Dr. Anish Slath (2022)	Impact Of Coronavirus Pandemic On Hospitality Industry With Special Reference To India; International Journal of Advanced Research (IJAR)	2320-5407	Yes	International Journal of Advanced Research (IJAR)
Prashant K. Gautam (2022)	Impact of post-COVID-19 on the hospitality tourism: Impact evaluation, Survive, Revive and Thrive; International Journal of Health Sciences	7152-7172	Yes	International Journal of Health Sciences
Neeraj Aggarwal (2022)	Impact of Vacations of Hotel Service Quality and Customer Satisfaction; Stochastic Modeling & Applications	09723641	Yes	Stochastic Modeling & Applications
Prashant K. Gautam (2022)	Implication Of Slow Food Movement On Circular Economy And Economic Sustainability; Manager - The British Journal of Administrative Management	2830-2840	Yes	Manager - The British Journal of Administrative Management
Prashant K. Gautam (2022)	Moringa oleifera : A magical tree with Potential Health Benefits; Turkish Journal of Physiotherapy and Rehabilitation	2651-446X	Yes	Turkish Physiotherapy Association
Neeraj Aggarwal (2021)	Organizational Challanges towards female job satisfaction in Indian Hotel industry; Vidyabharati International Interdisciplinary Research Journal	23194979	Yes	Vidyabharati International Interdisciplinary research Journal
Prashant K. Gautam (2022)	Role of Technological Transformation in Shaping Millennials' Travel Behaviour: A Review; 10th International Conference on 7 Reliability, Infocom Technologies and Optimization (Trends and Future Directions) (ICRITO) Amity University, Noida, India.	978-1-6654-7433-	Yes	IEEE
Prashant K. Gautam (2022)	The Study of Indian Food Anthropology and Preferences; Journal of Optoelectronics Laser	10050086	Yes	Journal of Optoelectronics Laser

#### DETAILS OF PUBLICATIONS

##### Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### DETAILS OF PUBLICATIONS

##### Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

### Summary of Research Publications July 1, 2021 to June 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	University Institute of Hotel and Tourism Management	Peer Review Journals	20	2	0	22
2	University Institute of Hotel and Tourism Management	Book with ISBN	0	1	0	1
3	University Institute of Hotel and Tourism Management	Edited Books	0	1	0	1

### RESEARCH SCHEMES

#### Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
University of Cambridge, UK	TIGR2ESS	1000000	1000000	Major	2019 - 2022	Prashant Kumar Gautam

### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT

#### Details of Seminars, Conferences, and Workshops organized during the Academic Year

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Virtual International Summit TECH4SEVA: Technology Outreach as Enabler for Inclusive	2021-10-16	2021-10-16	CIBIOD	100
Online TIGR2ESS Summative policy Workshop	2022-01-19	2022-02-02	TIGR2ESS	50
Workshop on Financial literacy	2021-11-18	2021-11-18	Mr. Manoj Semwal	50

### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

#### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	University Institute of Hotel and Tourism Management	Mr. jaswinder Singh	workshop on research methodology and data analysis	workshop	Academic and Research Event	National	Barotiwala, Solan	18/08/2021	21/08/2021	Maharaja Agrasen University
2	University Institute of Hotel and Tourism Management	Dr. Jaswinder Kumar	Managing Online Classes & Co-creating MOOCS 10.0	Professional Development Programmes	Refresher Course	National	Online	13/12/2021	27/12/2021	Teaching Learning Centre, Ramanujan College University of Delhi
3	University Institute of Hotel and Tourism Management	Arun Singh Thakur	Faculty Development Programme on "New Adaptation of Teaching Methodology and Techniques- Post COVID Time	Professional Development Programmes	Faculty Development Programme	National	Online	01/07/2021	04/07/2021	Guru Kashi University, Talwandi Sabo, Panjab
4	University Institute of Hotel and Tourism Management	Arun Singh Thakur	FDP on "Indian Heritage Management"	Professional Development Programmes	Faculty Development Programme	National	AICTE	05/07/2021	09/07/2021	AICTE Training and Learning (ATAL) Academy Online Elementary FDP

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
5	University Institute of Hotel and Tourism Management	Arun Singh Thakur	Re-skilling and Up-skilling of faculty	Professional Development Programmes	Faculty Development Programme	National	Chandigarh University	01/08/2021	15/08/2021	Chandigarh University
6	University Institute of Hotel and Tourism Management	Arun Singh Thakur	Online elementary FDP on "Operations Management"	Professional Development Programmes	Faculty Development Programme	National	Online	16/08/2021	20/08/2021	AICTE Training and Learning (ATAL) Academy
7	University Institute of Hotel and Tourism Management	Arun Singh Thakur	Inclusiveness of Tourism with special reference to COVID-19 situation	symposium	Others	National	Hamirpur (HP)	24/09/2021	24/07/2022	Tourism Department, Govt. PG College Hamirpur
8	University Institute of Hotel and Tourism Management	Arun Singh Thakur	Tourism for Sustainable Development and DRR"	seminar	Social Issues	National	Online Mode	27/09/2021	27/07/2022	National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Govt of India and Himachal Pradesh State Disaster Managemnet Authority, Govt. of HP
9	University Institute of Hotel and Tourism Management	Arun Singh Thakur	Crisis in Tourism & Disaster Management	seminar	Social Issues	National	Online Mode	27/09/2021	27/07/2022	Department of Tourism and Hospitality Management, Himachal Pradesh Technical University, Hamirpur
10	University Institute of Hotel and Tourism Management	Arun Singh Thakur	International Webinar to celebrate the 'World Tourism Day'	seminar	Environment Awareness Event	National	Online Mode	06/10/2021	06/10/2021	DAV College Hoshiarpur
11	University Institute of Hotel and Tourism Management	Neeraj Aggarwal	Revamping Hospitality and Tourism industry through Innovation	conference	Academic and Research Event	International	Ludhiana	30/10/2021	30/10/2021	C T University, Ludhiana
12	University Institute of Hotel and Tourism Management	Neeraj Aggarwal	Innovations and challanges in Hospitality Industry: Current ecosystem and role of crisis management	conference	Academic and Research Event	National	Meerut	21/04/2022	22/04/2022	IIMT, University, Meerut
13	University Institute of Hotel and Tourism Management	Dr.Lipika K.Guliani	PCP-Service marketing	other	Others	National	ONLINE	02/05/2022	07/05/2022	USOL
14	University Institute of Hotel and	Dr.Lipika K.Guliani	PCP-International HRM	other	Academic and Research Event	National	ONLINE	09/05/2022	14/05/2022	USOL

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
	Tourism Management									
15	University Institute of Hotel and Tourism Management	Dr.Lipika k.Guliani	PCP-Managing across cultures & service marketing	other	Academic and Research Event	National	ONLINE	08/11/2021	13/11/2021	USOL
16	University Institute of Hotel and Tourism Management	Dr.Lipika k. Gulaini	Resaerch methodology in social sciences for the research scholars	Professional Development Programmes	Academic and Research Event	National	online	01/02/2022	15/02/2022	ICSSR
17	University Institute of Hotel and Tourism Management	Dr.Lipika K.Guliani	Research Methodology in social sciences for the research scholar/faculty	Professional Development Programmes	Academic and Research Event	National	online	30/12/2021	15/01/2022	ICSSR
18	University Institute of Hotel and Tourism Management	Dr.Lipika K. Guliani	Research Methodology in social sciences for research scholars/faculty	Professional Development Programmes	Academic and Research Event	National	chandigarh	15/03/2022	27/03/2022	ICSSR
19	University Institute of Hotel and Tourism Management	Dr.Lipika K.Guliani	International conference on nutrition and wellbeing:culinary tradition in punjab	conference	Academic and Research Event	International	chandigarh	25/03/2022	25/03/2022	UIHTM
20	University Institute of Hotel and Tourism Management	Arun Singh Thakur	International Conference on Nutrition and Wellbeing: Culinary Tradition in Punjab	conference	Academic and Research Event	International	Golden Jublee, PU	25/03/2022	25/03/2022	TIGR2EESS Project

#### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
NIL					

#### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities		

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
NIL							

#### 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
NIL									



### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created /Added	Total
Total Number of Computers in the department	39	0	39
Class rooms	8	0	8
Class rooms with Wifi/LAN facility	8	0	8
Class rooms with ICT facility (LCD/Projector)	8	0	8
No. of Research Labs	5	0	5
No. of Computer labs	1	0	1
Video Centre	0	0	0
Seminar Halls with ICT facility	1	0	1
Seminar Halls	1	0	1
No. of important equipments purchased (>= 10 lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0

### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
Constitution Day	26/11/2021	26/11/2021

### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

### 7. Number of Patents Published/Awarded

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

### 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

## INDIAN THEATRE

### SUMMARY OF PUBLICATIONS

Plays from India and Western dramatic literature and the history of theatre are dealt with in considerable detail. Theory and practical lessons in Stage-craft that includes Make-up, Mask-making, Lighting, Set and costume designing are an important part of the training. The knowledge of regional theatre-forms and their creative application in the modern context is emphasized.

**PUBLICATIONS****DETAILS OF PUBLICATIONS****(Books/ Reference General/ Book Chapter/ Book Edited)**

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
NIL			

**DETAILS OF PUBLICATIONS****(Research Papers/ Review Article/ Editorial Article in Referred Journal)**

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Dr. Navdeep Kaur (2022)	Drama Creating Platform through Mobile Arts for Peace (MAP); IDEAL	2319-359X	Yes	IDEAL - An International Multidisciplinary Half Yearly Reserch Journal
Dr. Navdeep Kaur (2022)	Theatre and Development in India; Royal	2278-8158	Yes	ROYAL - An International Multidisciplinary Half Yearly Reserch Journal

**DETAILS OF PUBLICATIONS****Full Papers Published in Proceedings of Conferences**

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

**DETAILS OF PUBLICATIONS****Articles Published in Newspapers**

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

**Summary of Research Publications July 1, 2021 to June 30, 2022**

S. No	Department	Type of Journal	International	National	Others	Total
1	Department of Indian Theatre	Peer Review Journals	2	0	0	2

**RESEARCH SCHEMES****Sponsored Research Projects during the Academic Year 2021 - 2022**

Sponsor Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration(in years)	Principal Investigator and Research Team
NIL					

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT****Details of Seminars, Conferences, and Workshops organized during the Academic Year**

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Workshop on Body Movement by Visiting Faculty - Mr. Chaman Lal	2022-03-09	2022-03-25	Dr. Navdeep Kaur	39
Workshop on Voice & Diction by Visiting Faculty - Mr. Pankaj Sharma	2022-03-14	2022-03-26	Dr. Navdeep Kaur	39
Workshop on Directorial Processes (Space Exploration) by Visiting Faculty - Ms. Sejuti Bagchi	2022-03-16	2022-03-26	Dr. Navdeep Kaur	39

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Seminar on World Theatre day	2022-03-26	2022-03-27	Dr. Navdeep Kaur	39
Invited Lecture by an eminent MIME artist Padam Shree Awardee Mr. Niranjana Goswami	2022-06-01	2022-06-01	Dr. Navdeep Kaur	39
Student Production MA-I	2022-03-26	2022-03-26	Dr. Navdeep Kaur	39
Student Production MA-II	2022-03-27	2022-03-27	Dr. Navdeep Kaur	39
Student Directorial Exercise	2022-03-27	2022-03-27	Dr. Navdeep Kaur	39
Annual Production of Play "Laal Lakeer"	2022-06-15	2022-06-21	Dr. Navdeep Kaur	39

### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

#### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
NIL	-	-	-	-	-	-	-	-	-	-

#### Ph.D. Awards

##### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
NIL					

#### MISCELLANEOUS

##### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
NIL	-	-

#### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
NIL							

#### 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
1	Department of Indian Theatre	Street Play Nazariya	Chandigarh Administration	NIL/NA	09/04/2022	National	Gender Equality	NIL/NA	09/04/2022

#### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022 Top of Form

Facilities	Existing	Newly Created/Added	Total
NIL			

#### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

5. Activities to celebrate / organize national and international commemorative days, events and festivals F:\PU Annual Report 2021-22\Proof\_1\_PU Annual Report 2021-22\File for Handover to Student Store\05.06.2024 Final Data for Printing Faculty wise data\updated 12 july 24\festivals1.php

Title of Event	From Date	To Date
International Women's Day (IWD) – 2022	08/03/2022	08/08/2022
Seminar on World Theatre day	26/03/2022	27/08/2022

6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

7. Number of Patents Published/Awarded

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

## ART HISTORY AND VISUAL ARTS

### SUMMARY OF PUBLICATIONS

#### DEPARTMENT OF ART HISTORY AND VISUAL ARTS

The Department of Art History and Visual Arts in this University was established in 1962 and offers a post-graduate course (Semester System) and a Ph.D. programme in History of Art. Over the years it has emerged as an important centre of study and research in the region. This subject is offered only in a few universities in India and this department has made a significant mark by the way of academic contribution in terms of research and collaborative work. It is an excellent center for post-graduate studies and research with several facilities and resources that are available for the students and researchers to take benefit of. The departmental library and archival facilities such as, an image library, research journals and rare books on related subjects, are excellent and adjacent to the study area.

### PUBLICATIONS

#### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
NIL			

#### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
NIL				

#### DETAILS OF PUBLICATIONS

Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

**DETAILS OF PUBLICATIONS**  
**Articles Published in Newspapers**

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

**Summary of Research Publications July 1 ,2021 to June 30, 2022**

S.no	Department	Type of Journal	International	National	Others	Total
NIL						

**RESEARCH SCHEMES**

**Sponsored Research Projects during the Academic Year 2021 - 2022**

Sponsor Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration(in years)	Principal Investigator and Research Team
NIL					

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT**

**Details of Seminars, Conferences, and Workshops organized during the Academic Year**

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
NIL				

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY**

**3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022**

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
NIL										

**Ph.D. Awards**

**Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022**

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	Department of Art History and Visual Arts	Loveneesh Sharma	Christian Painting in India	2022-05-05	Dr. Jagtej Kaur Grewal

**MISCELLANEOUS**

**Any other noteworthy achievement of the department during this Academic Year 2021 - 2022**

S.no	Department	Achievement
1	Department of Art History and Visual Arts	The Museum of Fine Arts, Panjab University, inaugurated in the year 1968 has a total of 14 galleries that have on display paintings, sculptures and graphic prints from the permanent art collection of the Department of Art History and Visual Arts, Panjab University. This collection is among the finest on modern Indian art among university museums in the country. The galleries of the Museum have over the years also hosted exhibitions of art, averaging around 5 per year, by artists from India and overseas as also artists groups and organisations that promote art. Thus, the Museum of Fine Arts is a rich cultural space actively promoting art related activities in the University and the city.

**1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities**

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
NIL							

**2. Details of Collaborative activities**

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
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NIL

**3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022 Top of Form**

Facilities	Existing	Newly Created/ Added	Total
Total Number of Computers in the department	10	0	10
Class rooms	1	0	1
Class rooms with Wifi/LAN facility	1	0	1
Class rooms with ICT facility (LCD/Projector)	1	0	1
No. of Research Labs	0	0	0
No. of Computer labs	0	0	0
Video Centre	0	0	0
Seminar Halls with ICT facility	1	0	1
Seminar Halls	1	0	1
No. of important equipments purchased ( $\geq$ 10 lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0

**4. Details of Extracurricular Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
Plantation Drive	10	Department of Art History and Visual Arts	07/06/2022	07/06/2022

**5. Activities to celebrate / organize national and international commemorative days, events and festivals**

Title of Event	From Date	To Date
Independence Day 2021	15/08/2021	15/08/2021

**6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
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NIL

**7. Number of Patents Published/Awarded**

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
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NIL

**8. Revenue generated through consultancy**

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
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NIL

## MUSIC

### SUMMARY OF PUBLICATIONS

#### PUBLICATIONS

#### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
NIL			

#### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Jaswinder Kaur (2021)	Bhartiya Sanskriti Evem Cinema Sangeet Main Sarodh Vadya Prayog Evam Sambhavnae; Bhartiya Sanskrit Aur Sangeet	0	Yes	NIL
Paramjit Kaur (2021)	Kapurthala Riyasat Ki Bhartiya Sangeet Ko Den; Swar SIN DHU	2320-7175	Yes	NA
Sunny (2021)	Punjab Prasadh Vadhya Nimata Shri. Gurdyal Singh Ji Ka Vayaktitav Va Kartavya; Printing Area	2394-5303	Yes	Harshwardan Publication Pvt.Ltd.
Gurpreet Singh (2021)	Tabla Vadan Main Punjab Gharana; Vidyawarta	2319-9318	Yes	Nil

#### DETAILS OF PUBLICATIONS

Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### DETAILS OF PUBLICATIONS

Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### Summary of Research Publications July 1 ,2021 to June 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	Department of Music	Peer Review Journals	2	1	1	4

#### RESEARCH SCHEMES

Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration(in years)	Principal Investigator and Research Team
0	0	0	0	Nil/NA	2022 - 2022	0

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT**

**Details of Seminars, Conferences, and Workshops organized during the Academic Year**

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
A Musical Evening on the occasion of International Women's Day	2022-03-08	2022-03-08	Deptt. of Music, PU, CHD	62

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY**

**3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022**

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
NIL										

**Ph.D. Awards**

**Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022**

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	Department of Music	Reema Sharma	Thumri Gayan Vidha Ka Chitarpat Sangeet Mein Paryog Vivechanatamak Adhyayan	2022-03-17	Dr. Savita Uppal

**MISCELLANEOUS**

**Any other noteworthy achievement of the department during this Academic Year 2021 - 2022**

S.no	Department	Achievement
NIL		

**1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities**

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
-	-	-	-	-	-	-	-

**2. Details of Collaborative activities**

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
1	Department of Music	nil	nil	nil	01/07/2023	Nil/NA	nil	nil	01/07/2023

**3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022 Top of Form**

Facilities	Existing	Newly Created/Added	Total
NIL			

**4. Details of Extracurricular Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

**5. Activities to celebrate / organize national and international commemorative days, events and festivals**



Title of Event	From Date	To Date
NIL		

**6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

**7. Number of Patents Published/Awarded**

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

**8. Revenue generated through consultancy**

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

**COMMUNITY EDUCATION & DISABILITY STUDIES**

**SUMMARY OF PUBLICATIONS**

**PUBLICATIONS**

**DETAILS OF PUBLICATIONS**

**(Books/ Reference General/ Book Chapter/ Book Edited)**

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Dr. Navleen Kaur (2021)	1. Re-Envisioning School Internship for Teacher Education,(2021) A Monograph; 1. Re-Envisioning School Internship for Teacher Education,(2021) A Monograph; Institute of Lifelong Learning Academic Research Center, University of Delhi	978-93-90878-02-4	National
Dr.Navleen Kaaur (2021)	Equity and Inclusion in Higher Education; National Education Policy-2020: Paving ways for Transformational Reforms"; Shipra Publications, Delhi	NA	Other
Dr. Navleen Kaur (2021)	Equity and Inclusion in Higher Education; National Education Policy-2020: Paving ways for Transformational Reforms; Shipra Publications, Delhi	973-93-91978-23-5	National
Dazy Zarabi and Kuldip kaur (2021)	Gender and disability in education barriers and opportunities; Gender and disability in education barriers and opportunities; RIGI	978-93-91041-19-9	National
Savita thakur, Shalini sharma and Dr. Dazy zarabi (2022)	Implications of poverty and population growth on environment: A complex relationship; Inter- linkages between poverty population and environment: Challenges and opportunities; SLM publisher	978-93-91083-34-2	National
Dr. Dazy zarabi and shalini sharma (2022)	No lockdown for domestic violence : addressing domestic violence against women from legislative perspective; Gender justice violence and women issues and challenges in India; Kanishka publisher	978-93-93066-08-4	National
Dr. Navleen Kaur (2021)	Re-Envisioning School Internship for Teacher Education, A Monograph,; Re-Envisioning School Internship for Teacher	978-93-90878-02-4	National

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
	Education, A Monograph,; Institute of Life University of Delhi Delhi Learning Academic Research Center ,		
Dr. Dazy zarabi and shelly aggarwal (2022)	Resurrecting virtual classrooms responsible amid lockdown: faculty experiences and challenges at Panjab university, Chandigarh; Indian journal of adult education; Indian adult education association	0019- 5006	National
Dr. Anuradha Sharma and Dr Vikas Sharma (2022)	Sarva Shiksha Abhiyan - Management, Implementation And Challenges; Sarva Shiksha Abhiyan - Management, Implementation And Challenges; Green Grove Research Publication	978-93-93282-08-8	National
Dr. Dazy Zarabi and Savita thakur (2022)	Status of girl child in Himachal pardesh with special reference to education and sex ratio; Gender inequality , Discrimination and justice insights from Jammu and Kashmir; Kanishka publisher	978-93-93066-08-4	National

#### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Prof.(Dr.) Navleen Kaur (2022)	A study On The Road Safety Awareness Among Male and Female Youth; Shodha Prabha	09748946	Yes	Shri Lal Bhadur Shastri Rashirya Sanskrit Vidhyaeetha
Dr. Anuradha Sharma and Ms Parineeta Jindal (2021)	Cogitation about Structural Social Capital of Persons with Disabilities in Chandigarh City; Disabilities and Impairments An Interdisciplinary Research Journal	2582-2047	Yes	AKSHAT PUBLICATIONS
Dr. Anuradha Sharma and Ms Parineeta Jindal (2021)	Cognitive Social Capital of Parents having Persons with Disability: UT Chandigarh; International Journal of All Research Education and Scientific Methods (IJARESM)	2455-6211	No	International Journal of All Research Education and Scientific Methods (IJARESM)
Dr. Anuradha Sharma and Tanvi Kashyap (2021)	Corporate Social Responsibility Practices Among Business Organisations For Children With Learning Difficulties And Other Disabilities; International Journal of Advanced Research (IJAR)	2320-5407	Yes	International Journal of Advanced Research (IJAR)
Dr. Anuradha Sharma, Surbhi and Bikram (2021)	Emotional Competence among Prospective Teachers in Relation to their Spiritual Intelligence; International Journal of Creative Research Thoughts (IJCRT)	ISSN: 2320-2882	No	International Journal of Creative Research Thoughts (IJCRT)
Dr.Md Saifur Rahman (2021)	Family Elements Associated with Learning Disabilities of Children: A Review; Online International Interdisciplinary Research Journal, {Bi-Monthly},	2249-9598	Yes	Online International Interdisciplinary
Dr. Anuradha Sharma and Tanvi Kashyap (2022)	Guided Imagery With Music Using Indian Classical Raags: An Adaptation Of The Traditional Bonny Method; Swar Sindhu	2320-7175	Yes	Pratibha Sanpandan

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISSN Number</b>	<b>Peer Reviewed (Y/N)</b>	<b>Publisher</b>
Dr. Anuradha Sharma and Vikas Sharma (2021)	Implementation Of School Educational Programmes; Anvesak	0378 – 4568	Yes	Sardar Patel Institute of Economic & Social Research (SPIESR)
Dr. Anuradha Sharma and Surbhi (2021)	Inclusiveness in the classroom through Art-integrated learning; International Journal of Multidisciplinary Research and Development	2349-4182	Yes	Gupta Publications
Prof. (Dr.) Navleen Kaur (2022)	Lifestyle Changes During Covid-19 Pandemic Among The People of Punjab; anvesak	0378-4568	No	Sardar Patel Institute of Economic and Social research
Dr. Anuradha Sharma and Tanvi Kashyap (2022)	Music therapy using guided imagery with music intervention versus Indian classical raags: A comparative analysis; International Journal of Educational Research and Development	2664-7087	Yes	International Journal of Educational Research and Development
Dr. Anuradha Sharma and Vikas Sharma (2022)	Perspectives And Disquiets Of Parents Towards Inclusive Education; Bengal, Past and Present UGC Care Group 1 Journal	0005-8807	Yes	Bengal, Past and Present journal of the Calcutta Historical Society
Dr Md Saifur Rahman (2021)	Role Of Family in The Development of Social Competence and Emotional Resilience Among Children with Learning Disabilities; Scholarly Research Journal for Humanity Science & English Language	E-ISSN 2348-3083 & P-ISSN 2349-9664 SJ Impact Factor 2021: 7.278, www.srjis.com peer reviewed & refereed journal, Aug.-sept, 2021, Vol-9	Yes	Scholarly Research Journal for Humanity Science & English Language
Dr. Anuradha Sharma and Ms Parineeta Jindal (2021)	Structural Social Capital Of Parents Having Person With Disability In Chandigarh; International Journal of Advanced Research	2320-5407	Yes	International Journal of Advanced Research
Prof. (Dr.) Navleen Kaur (2001)	Teaching The Concept Of Time To A Student With Learning Disability A Case Study; A bi-annual journal	ISSN : 0378 - 4568	No	Sardar Patel Institut E Of Econouic And Social Researc H anveJak
Dr. Anuradha Sharma and Surbhi (2021)	The Attitude of Students Towards T.V Advertisements on Economic and Social Aspects; Asian Journal of Applied Science and Technology	2456-883X	Yes	Asian Journal of Applied Science and Technology (AJAST)
Dr. Anuradha Sharma and Parineeta Jindal (2021)	To Assess the Cognitive Social Capital among Persons with Disabilities in Chandigarh: A Case Study; International Journal of Science and Research (IJSR)	2319-7064	Yes	International Journal of Science and Research (IJSR)

**DETAILS OF PUBLICATIONS****Full Papers Published in Proceedings of Conferences**

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

**DETAILS OF PUBLICATIONS****Articles Published in Newspapers**

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

**Summary of Research Publications July 1, 2021 to June 30, 2022**

S.no	Department	Type of Journal	International	National	Others	Total
1	Department of Community Education & Disability Studies	Peer Review Journals	8	5	0	13
2	Department of Community Education & Disability Studies	Non Peer Review Journals	2	0	0	2
3	Department of Community Education & Disability Studies	e-Journals	0	1	1	2
4	Department of Community Education & Disability Studies	Book with ISBN	0	1	0	1
5	Department of Community Education & Disability Studies	Books	0	1	0	1
6	Department of Community Education & Disability Studies	Chapter in a book	0	5	1	6
7	Department of Community Education & Disability Studies	Monographs	0	2	0	2

**RESEARCH SCHEMES****Sponsored Research Projects during the Academic Year 2021 - 2022**

Sponsor Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
NIL					

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT****Details of Seminars, Conferences, and Workshops organized during the Academic Year**

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Intervention and Teaching Strategies for Children with Neuro-Development Disabilities	2021-11-29	2021-11-29	Department of Community Education & Disability Studies, Panjab University, Chandigarh	100
Paraphrasing and citation styles, in Academic Writing and research productivity	2021-12-06	2021-12-07	Centre for Social Work, Department of Library and Information Science and Department of Community Education and Disability Studies, Panjab University, Chandigarh	100

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY****3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022**

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Department of Community Education & Disability Studies	Dazy zarabi	Evaluate the participants presentation	Professional Development Programmes	Orientation/Induction Programme	University	chandigarh	17/12/2021	13/01/2022	UGC- HRDC

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
2	Department of Community Education & Disability Studies	Dazy zarabi	Sustainable development and education	conference	Others	International	London	26/08/2021	27/08/2021	London school of management education
3	Department of Community Education & Disability Studies	Nitin Raj (Participate and member of organizing Committee)	Paraphrasing and Citation Styles in Academic Writing and Research Productivity	workshop	Academic and Research Event	University	Online Mode	06/12/2021	07/12/2021	Centre for Social Work, Department of Library and Information Science and Department of Community Education and Disability Studies, Panjab University, Chandigarh
4	Department of Community Education & Disability Studies	Nitin Raj (Participate and member of organizing Committee)	Intervention and Teaching Strategies for Children with Neuro - Developmental Disabilities	webinar	Others	University	Online Mode	29/11/2021	29/11/2021	Department of Community Education and Disability Studies, Panjab University, Chandigarh
5	Department of Community Education & Disability Studies	Nitin Raj (Participate and member of organizing Committee)	Understanding Visual and PERFORMING Arts: Its Role in Enhancing Learning for Children with Special Needs	webinar	Others	University	Online Mode	17/11/2021	17/11/2021	Department of Community Education and Disability Studies, Panjab University, Chandigarh
6	Department of Community Education & Disability Studies	Nitin Raj (Participate and member of organizing Committee)	Implementation of NEP 2020 with Respect to Inclusive Education	webinar	Others	University	Online Mode	20/11/2021	20/11/2021	Department of Community Education and Disability Studies, Panjab University, Chandigarh
7	Department of Community Education & Disability Studies	Nitin Raj (Participate and member of organizing Committee)	Role of Technology for the Educational Management of Children with Learning Disability	webinar	Others	University	Online Mode	27/11/2021	27/11/2021	Department of Community Education and Disability Studies, Panjab University, Chandigarh
8	Department of Community Education & Disability Studies	Nitin Raj (Participate and member of organizing Committee)	Good Lab Practices in Specific Learning Disability (SLD)	webinar	Others	Other	Online Mode	29/06/2022	29/06/2022	Department of Community Education and Disability Studies, Panjab

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
9	Department of Community Education & Disability Studies	Nitin Raj (Participate of member of organizing Committee)	Start - up in Community Education Development and Special Education	webinar	Others	Other	Online Mode	30/06/2022	30/06/2022	Department of Community Education and Disability Studies, Panjab University, Chandigarh

### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	Department of Community Education & Disability Studies	Dalel Singh	Life Satisfaction Of School Lecturers Of Mewat District(Haryana) In Relation To Personality, Mental Health And Adjustment	2022-02-14	Dr. Navleen Kaur
2	Department of Community Education & Disability Studies	EKTA THAKUR	A Comparative Study Of Job Satisfaction In Relation To Personality And Well-Being Of Doctors Working In Government Hospitals Of District Una (Himachal Pradesh) And Hoshiarpur (Punjab)	2022-05-12	DR ASHWANI SHARMA
3	Department of Community Education & Disability Studies	Pankaj Bala	Impact Of Multimedia And Mastery Learning Approaches On Achievement In Mathematics In Relation To Interest Among Fifth Class Students With Mathematical Difficulties	2021-07-13	Dr, Anuradha Sharma

### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
NIL		

#### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
NIL							

#### 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
1	Department of Community Education &	Internship and Other Practical Assignment	State Project Director-Cum- Dse, Samagra	56	28/03/2022	National	Internship-cum-Teaching Practice	0	30/05/2022

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
	Disability Studies		Shiksha, Chandigarh						

### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	10	0	10
Class rooms	3	0	3
Class rooms with Wifi/LAN facility	2	0	2
Class rooms with ICT facility (LCD/Projector)	2	0	2
No. of Research Labs	0	0	0
No. of Computer labs	0	0	0
Video Centre	0	0	0
Seminar Halls with ICT facility	1	0	1
Seminar Halls	0	0	0
No. of important equipments purchased ( $\geq$ 10 lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0

### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
Observance of Vigilance Awareness week	26/10/2021	29/10/2021

### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

### 7. Number of Patents Published/Awarded

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number

### 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)

## DEPARTMENT OF EDUCATION

### SUMMARY OF PUBLICATIONS

#### PUBLICATIONS

#### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Prof. Satvinderpal Kaur Jaspreet Kaur (2022)	Book Translation; what is worth teaching; Prof. Satvinderpal Kaur	00	National
Kulwinder Kaur & Prof. Latika Sharma (2022)	Influence of School Environment in Relation to their Achievement in Social Science of 9th Class Students; Contemporary Social Science Researches on School Education in Indian Universities; Global Academic Publishers	978-93-94100-26-8	National

#### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Kulwinder Kaur & Prof. Latika Sharma (2021)	Achievement in Social Science among Secondary School Students in relation to School Environment and Parental Involvement; RESEARCH REVIEW International Journal of Multidisciplinary vol .06, Its.07 July 2021	e- ISSN:2455-3085	Yes	online
Parul Aggarwal & Dr. Kirandeep Singh (2022)	Exploring career anchors among faculty in higher education; Vidyawarta, Interdisciplinary Multilingual Refereed Journals	2394-5303NA	Yes	Ghodke Archana Rajendra, Beed, Maharashtra
Prof. Satvinderpal Kaur Jaspreet Kaur (2021)	Neo-Liberal Policies & Higher Education in India: Some Reflections from Punjab; Journal of Educational Planning & Administration	0971-3859	Yes	N.V. Varghese
Ms. Kiranpreet Kaur & Prof. Kirandeep Singh (2021)	Psychological Well-being among Universities Students in relation to Program Commitments; International Journal of Innovation & Research Analysis	25830295	No	Prof. S.S. Modi, Inspiria Research Association, Sudama Nagar, Jaipur
Ms. Ramandeep & Prof. Kirandeep Singh (2021)	Study of Career Beliefs of Adolescence; Vidyawarta, Interdisciplinary Multilingual Refereed Journals	23199318	No	Ghodke Archana Rajendra, Beed, Maharashtra
Dr Vandana Mehra and Sushil Chandra Badoni (2021)	Teacher's E-learning Readiness Scale (TELRS): Development and Validation; International Journal of Creative Research Thoughts (IJCRT)	2320-2882	No	IJCRT



**DETAILS OF PUBLICATIONS****Full Papers Published in Proceedings of Conferences**

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

**DETAILS OF PUBLICATIONS****Articles Published in Newspapers**

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

**Summary of Research Publications July 1 ,2021 to June 30, 2022**

S.no	Department	Type of Journal	International	National	Others	Total
1	Department of Education	Peer Review Journals	2	1	0	3
2	Department of Education	e-Journals	4	0	0	4
3	Department of Education	Books	0	1	0	1
4	Department of Education	Chapter in a book	0	1	0	1

**RESEARCH SCHEMES****Sponsored Research Projects during the Academic Year 2021 - 2022**

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
SCERT Punjab	comprehensive study on the impact and effectiveness of various programmes and schemes of PICTES and EDUCET society	510000	510000	Major	2019 - 2022	Prof. Satvinderpal Kaur
Mid Day Meal Society, Department of School Education, Punjab	Social Audit of Mid Day Meal Scheme in Punjab	840650	2019	Major	2019 - 2021	Dr. Kanwalpreet Kaur
SCERT, Punjab	Diploma in Elementary Education Programme: A Comparative Study of District Institutes of Education and Training and Private Institutes in Punjab	336375	2019	Minor	2019 - 2021	Dr. Kanwalpreet Kaur

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT****Details of Seminars, Conferences, and Workshops organized during the Academic Year**

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Consultative meeting on Issues and Challenges in Implementation of NEP 2020	2022-06-30	2022-07-30	Prof. Kirandeep & Prof. Latika Sharma Singh	38
NEP implementation 2020	2022-04-30	2022-04-30	DUI	60
Edtech X Indian Education Congress 2022	2022-06-29	2022-06-29	NA	50

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Transforming Indian Higher Education: Multidisciplinary Approach Of NEP 2020	2022-06-24	2022-06-24	PROF VANDANA PUNIA	60
NEP 2020 Transforming & Rejuvenating Higher Education For Nation Building	2022-04-30	2022-04-30	DR VISHAL PANDE	72
Emerging Challenges And Concerns In Education	2021-10-31	2021-10-31	DR H.K. DOGRA AND DR KUSUM	75
COVID 19 Pandemic : Impact And Challenges Before Higher Education	2021-09-03	2021-09-03	DR GAGANDEEP KAUR	72
Seminar On National Education Policy 2020: Strategies For Implementation	2022-03-14	2022-03-15	PROF. R.C. PATEL	45

### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

#### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S.no	Department Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By	
1	Department of Education	Dr Jatinder Grover	Emerging Challenges & Nconcern In Education	seminar	Academic and Research Event	International	Sant Baba Hari Singh Memorial Khalsa College Of Education Mahilpur	31/10/2021	31/10/2021	Sant Baba Hari Singh Memorial Khalsa College Of Education Mahilpur
2	Department of Education	Dr. Nandita SINGH	Transforming Indian Higher Education Multidisciplinary Approach of NEP 2020	webinar	Academic and Research Event	National	Guru Jambheshwar University of SCI & Tech Hissar	24/06/2022	24/06/2022	UGC
3	Department of Education	Dr Nandita Singh	Edtech X Indian Education Congress & Awards 2022	Other	OTHERS	National	JW Marriott Hotel Chandigarh	29/06/2022	29/06/2022	Franchisee India Ideas For Tomorrow
4	Department of Education	Dr Nandita Singh	NEP 2020 Transforming And Rejuvenating Higher Education For Nation Building	Webinar	Academic and Research Event	National	NN Sattha College Of Pharmacy Ahmednagar	30/04/2022	30/04/2022	Dr Vishal Pande
5	Department of Education	Dr Jatinder Grover	COVID 19 Pandemic: Impact And Challenges Before Higher Education	Webinar	Social Issues	National	Dev Samaj College Of Education For Women Ferozpur	03/09/2021	03/09/2021	Dr Gagandeep Kaur
6	Department of Education	Prof.Latika Sharma	Together For Peace Relevant Themes And Engagement	webinar	Universal Values and Ethics	International	virtual	16/03/2022	16/03/2022	UNESCO
7	Department of Education	Dr Nandita Singh	Teachings Of Swami Vivekanad	other	Academic and Research Event	National	Maharaja Agrasen University	17/01/2022	17/01/2022	Maharaja Agrasen University
8	Department of Education	DR NANDITA SINGH	Learning At Deeper Level Paradigm Shift In Teaching Learning Process	other	Refresher Course	National	Tilak College Of Education Pune And Assam	17/01/2022	01/02/2022	PMMMNMTT

S.no	Department Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By	
9	Department of Education	Prof. Latika Sharma	Insights From NEP 2020 One day Workshop on Finalization of Course Structure of M.A. (Education) in light of Nep 2020	workshop	Others	National	University Silchar Department of Education, Chandigarh	30/05/2022	30/05/2022	Department of Education, Chandigarh
10	Department of Education	Dr Jatinder Grover	NEP- 2020	seminar	Academic and Research Event	National	Jasdev Singh Sandhu College Of Education, Patiala	20/05/2022	20/05/2022	Jasdev Singh Sandhu College Of Education, Patiala
11	Department of Education	Prof Latika Sharma	International Women's Day	other	Others	International	virtual	07/03/2022	07/03/2022	Panjab University Alumni Association in collaboration with Department of Chemistry, PU and Dr. S.S.B. University Institute of Chemical Engineering and Technology, PU
12	Department of Education	Prof Latika Sharma	Celebration of Ruby Jubilee Alumni Reunion	other	Others	State	Dev Samaj College of Education, Sec-36- B, Chandigarh	31/08/2021	31/08/2021	Dr.(Mrs.) Agnese Dhillon Principal Dev Samaj College of Education, Sector 36-B, Chandigarh
13	Department of Education	Prof Latika Sharma	Minutes of the meeting of Board of Studies	workshop	Others	University	Jaipur National University School Of Education	11/06/2022	11/06/2022	Jaipur National University School Of Education
14	Department of Education	Prof Latika Sharma	Regional Centre Advisory Committee (RCAC) Regional Centre	Nil/NA	Academic and Research Event	National	Regional Centre Advisory Committee (RCAC) Regional Centre, Chandigarh	20/04/2022	20/04/2022	National Institute Of Open Schooling
15	Department of Education	Prof Latika Sharma	workshop on Academic Publication	workshop	Academic and Research Event	National	HRDC, South Campus, Panjab University	03/03/2022	03/03/2022	Prof. S.K. Tamar (Honorary Director) Thanks & Regards Human Resource Development Centre First Floor, Block-III, South Campus, Panjab University Sector-25, Chandigarh-160014

S.no	Department Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By	
16	Department of Education	Prof Latika Sharma	consultative meeting on NEP 2020	workshop	Academic and Research Event	National	NIEPA, New Delhi	03/03/2022	03/03/2022	Prof. N. V. Varghese, Vice-chancellor, NIEPA
17	Department of Education	Prof Latika Sharma	One Day Workshop ~n Finalization of Course Structure of M.Ed. (General) in lig-t of NEP-2020	workshop	Academic and Research Event	National	Department of Education, Panjab University, Chandigarh on 31 .05.2022	31/05/2022	31/05/2022	Prof. Kirandeep Singh, Chiarperson, Panjab University, Chandigarh
18	Department of Education	DR. NANDITA SINGH	National Education Policy 2020: Strategies And Implementation	seminar	Academic and Research Event	National	The Maharaja Sayajirao University Of Baroda Vadodara-390002 Gujarat	14/03/2022	15/03/2022	CASE IASE IUCTE
19	Department of Education	Prof Latika Sharma	RCAC Meeting Of Regional Centre	other	Others	National	Conference Room, Ut State Guest House, Chandiageh Administration	20/06/2022	20/06/2022	National Institute Of Open Schooling, Regional Centre , Chandigarh
20	Department of Education	Prof Latika Sharma	CII-AIU Roundtable discussion	conference	Academic and Research Event	National	virtual	10/11/2021	10/11/2021	Mohan Reddy, Chairperson
21	Department of Education	Prof Latika Sharma	MEETING	conference	Academic and Research Event	National	National Council for Teacher Education Hans Bhawan, Wing-H, Bahadur Shah Zafar Marg, New Delhi - I I0002	20/06/2022	20/06/2022	NCTE, NEW DELHI
22	Department of Education	Prof Latika Sharma	"Environment Protection Awareness Campaign: Green Defenders".	other	Academic and Research Event	National	Department of Laws Panjab University, Chandigarh	08/04/2022	09/04/2022	Department of Laws Panjab University, Chandigarh
23	Department of Education	Prof Latika Sharma	National Symposium on "Transforming Human Resource Development in the context of NEP-2020	symposium	Academic and Research Event	National	NEDFI Convention Centre , Guwahati, Assam	28/12/2021	29/12/2021	RCI
24	Department of Education	Dr. Jatinder Grover	Faculty Induction Programme ( FIP-06)	Professional Development Programmes	Refresher Course	National	online	28/06/2022	28/06/2022	UGC-Human Resource Development Centre Gauhati University: Guwahati
25	Department of Education	Latika Sharma	Academic Leadership for Academic Administration	Professional Development Programmes	Faculty Development Programme	National	Chandigarh	10/02/2022	10/02/2022	HRDC
26	Department of Education	Jatinder Grover	Academic Leadership for Academic Administration	Professional Development Programmes	Faculty Development Programme	National	Chandigarh	10/02/2022	10/02/2022	HRDC

S.No	Department Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
27	Department of Education	Prof. Satvinderpal Kaur	Institutional Conference by CESI	conference	Academic and Research Event	International Online	17/12/2021	19/12/2021	CESI
28	Department of Education	Prof. Satvinderpal Kaur	International Conference by CESI	conference	Academic and Research Event	International Online	17/12/2021	19/12/2021	CESI

#### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	Department of Education	Anju Sharma	Effect Of Blended Learning On Achievement In English And Academic Anxiety Of Secondary School Students In Relation To Self-Efficacy	2022-06-02	Dr. Sushma Sharma, Professor, (ii) H.No. 32, kalgidhar avenue, Cantt. Mithapur road, Jalandhar City
2	Department of Education	Kamini Sehgal	Delinquency Proneness Among Adolescents In Relation To Perceived Parenting Style, Emotional Maturity And Demographic Variables	2021-07-09	Dr. Sandeep Sawhney, Principal, Doraha College of Education, Doraha, Ldh.
3	Department of Education	Rajni Arya	A Study Of Gender Sensitivity Among Secondary School Students In Relation To Their Family Values, School Environment And Socio-Cultural Climate In Haryana	2022-04-22	Dr. Sapna Nanda, Govt. College of Education Sector-20, Chandigarh
4	Department of Education	Swati Sangwan	A Comparative Study Of Role-Structure And Life Skills Of Teachers In Degree Colleges Of Punjab And Haryana	2021-07-06	Dr. Prabha Vig, Department of Life Long Learning
5	Department of Education	Vanika Nagpal	Effect Of Positive Psychology Techniques On Well Being, Problem Solving Ability And Academic Achievement Of Adolescents	2022-05-02	Dr. Sarabjit Kaur, Principal, Guru Ram Das B.Ed. College of Education, Vill-Chak Room Wala, Jalalaba
6	Department of Education	Renu Bala	Development Of Occupational Stress Model For School Teachers: A Meta-Analytical Study	2022-03-21	Dr. Kuljeet Kaur Brar, Assistant Prof., Deptt. Of Education, USOL, PU, Chandigarh
7	Department of Education	Shalini Sharma	Effect Of 7e Learning Instructional Model On Acquisition Of Integrated Science Process Skills And Attitude Towards Science In Relation To Self-Efficacy	2022-02-28	Dr. Anurag Sankhian, Associate Professor, Govt. College of Education, Sector-20, Chandigarh
8	Department of Education	Neha Sachdeva	Impact Of Environmental Education Programme On Responsible Environmental Behaviour And Well Being Of Adolescents	2021-11-10	Dr. Sarabjit Kaur, Principal, Guru Ram Das B.Ed. College of Education, Vill-Chak Room Wala, Jalalaba
9	Department of Education	Preety Antil	Educational Problems Of First Generation Learners And Non-First Generation Learners In Relation To	2022-01-27	Dr. Kuljeet Kaur Brar, Assistant Prof., Deptt. Of Education, USOL, PU, Chandigarh

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
			Achievement Motivation And Home Environment		
10	Department of Education	Suruchi	Effect Of Online And Face To Face Collaborative Learning Strategies On Achievement In English In Relation To Motivational Beliefs And Metacognition	2021-12-27	Prof. Sunil Dutt NITTR Sector-26, Chd
11	Department of Education	Neetika	Effect Of Blended Learning On Adolescents' Academic Performance, Motivation And Course Satisfaction In Science	2021-11-02	Dr. Sarabjit Kaur, Principal, Guru Ram Das B.Ed. College of Education, Vill-Chak Room Wala, Jalalaba
12	Department of Education	Gagnita Chahal	Effect Of Synectic Model On Achievement In English, Achievement Motivation And Language Creativity In Relation To Cognitive Styles	2021-12-20	Dr. Kanwalpreet Kaur, Asstt. Prof., IETVE, P.U., Chd
13	Department of Education	Yashpreet Kaur	Happiness Among Secondary School Teachers In Relation To Their Organisational Climate, Teacher Efficacy And Professional Ethics	2021-08-31	Dr. Seema Chopra, Associate Prof., GHG Harparkash College of Education, Sidhwan Khurad (Ludhiana)
14	Department of Education	Satinder Kaur	Academic Achievement In English In Relation To English Language Anxiety, Learning Motivation And Linguistic Intelligence Among Class Ix Students	2021-11-08	Dr. Seema Sareen, Dev Samaj College of Education for Women Sector-36/B, Chandigarh
15	Department of Education	Jasmeet Kaur Bedi	Goal Setting, Optimal Motivation And Academic Performance Of Adolescents In Relation To Parental Involvement	2021-09-14	Dr. Manu Chadha, Associate Prof. GHG Khalsa College of Edu. Gurusar Sadhar, Ldh
16	Department of Education	Jyoti Balodi	Effect Of Metacognitive Instructional Programme On Numeracy Skills Of Primary School Students With Dyscalculia	2022-06-24	Dr. Rekha Rani, Associate Professor, IETVE, P.U., Chandigarh
17	Department of Education	Harpreet Kaur	Academic Achievement, Self Efficacy And Academic Procrastination Of Under Graduate Students In Relation To Mobile Apps Usage	2022-06-17	Dr. Surinder Singh, Principal, Guru Nanak college, Mandi Killanwali, Sri Muktsar Sahib
18	Department of Education	Amrita Sodhi	Effect Of Inquiry Based Instructions On Academic Achievement, Critical Thinking Skills And Learning Satisfaction Of Science Students In Relation To Intelligence	2021-09-07	Dr. Rajinder Kaur Gill, Associate prof., Rayat College of Education RailMajra(SBS Nagar)
19	Department of Education	Kirandeep Kaur Taneja	Effect Of Multi-Sensory Approach On Performance In Mathematics Of Primary School Students Having Difficulties In Arithmetic	2021-09-17	Dr. Anurag Sankhian, Associate Professor, Govt. College of Education, Sector-20, Chandigarh

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
20	Department of Education	Simranjit Kaur	Students' Mindset, Teacher-Student Social Distance And School Environment As Correlates Of Academic Achievement At Secondary Level	2022-06-15	Dr. Anjali Sharma, Rayat College of Education, Railmajra
21	Department of Education	Shilpy Gupta	A Study Of Stress Coping Strategies, Social Support, Self Efficacy And Sense Of Coherence Among Adolescents	2021-07-27	Dr. Ajay Kumar, L.L.R.M. College of Education, Dhudike, Distt. & Teh. Moga
22	Department of Education	Vanika	Effect Of Activity Based Teaching Strategies On Achievement In English, Communication Skills And English Language Anxiety	2022-05-20	Dr. Anurag Sankhian, Associate Professor, Govt. College of Education, Sector-20, Chandigarh

#### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
NIL		

#### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
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No Data Entered !

#### 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
1	Department of Education	Development of roadmap as per various provisions of the National Education policy on 2020	RCI	Prof. Latika Sharma	28/12/2021	National	Symposium	RCI	29/12/2019
2	Department of Education	Implementation of NEP 2020	HRDC	Prof. Latika Sharma	10/05/2022	National	Workshop	HRDC	10/05/2022
3	Department of Education	National Level Open House Discussion on NPST	North-Eastern Hill University	Prof. Latika Sharma	15/02/2022	National	National Level Open House Discussion	NA	15/02/2022
4	Department of Education	International Conference in Education (ICE2)	Department of Special Education (DSE), SNDT Women's University Juhu	Prof. Latika Sharma	01/12/2021	International	International Conference	NA	04/12/2021

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
			Campus & National Institute for the Empowerment of Persons with Visual Disabilities						
5	Department of Education	Emerging Challenges And Concerns In Education	Global Teacher Educator Associations (G.T.E.A. Regd.) And kversity.org	Dr Jatinder Grover	31/10/2021	International	Seminar	NA	31/10/2021
6	Department of Education	Edtech X Indian Education Congress And Awards 2022	Franchise India Ideas for Tomorrow	Dr Nandita Singh	29/06/2022	National	Edtech Talk	NA	29/06/2022
7	Department of Education	Seminar On National Education Policy 2020: Strategies For Implementation	CASE IASE IUCTE	Dr. Nandita Singh	14/03/2022	National	SEMINAR	NA	15/03/2022

### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	15	0	15
Class rooms	6	0	6
Class rooms with Wifi/LAN facility	6	0	6
Class rooms with ICT facility (LCD/Projector)	1	0	1
No. of Research Labs	1	0	1
No. of Computer labs	1	0	1
Video Centre	1	0	1
Seminar Halls with ICT facility	1	0	1
Seminar Halls	1	0	1
No. of important equipments purchased ( $\geq$ 10 lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	80000	0	80000

### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
Tree Plantation Drive	25	Area of Department of Education	29/07/2021	29/07/2021
National Youth Day (Yuva Divas)	55	Grass land of Gandhi Bhawan	12/01/2022	12/01/2022
Virtual Interaction of School Students from Dhanas	80	Google Meet	27/01/2022	27/01/2022



Title	No. of participants (Students and Staff)	Venue	From Date	To Date
International Women's Day	60	Department of Education	08/03/2022	08/03/2022
Ravi Dass Jayanti	35	Google Platform	16/03/2022	16/03/2022

**5. Activities to celebrate / organize national and international commemorative days, events and festivals**

Title of Event	From Date	To Date
National Unity Day	31/10/2021	31/10/2021
Republic day Celebration	26/01/2022	26/01/2022
Interaction Session with School students	27/01/2022	27/01/2022
Celebration of Guru Ravidas Jayanti	17/02/2022	17/02/2022

**6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

**7. Number of Patents Published/Awarded**

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

**8. Revenue generated through consultancy**

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

**LIFELONG LEARNING & EXTENSION**

**SUMMARY OF PUBLICATIONS**

**PUBLICATIONS**

**DETAILS OF PUBLICATIONS**

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
NIL			

**DETAILS OF PUBLICATIONS**

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Prof.Prabha Vig (2022)	Teacher's Voices on their career advancement: A Study of College Teachers; Vidyawarta Multidisciplinary Journal	0	Yes	Vidyawarta
Prof.Prabha Vig (2021)	The Effect of Gender on Career Identity of adolescents; Utkal Historical Research Journal	0976-2132	Yes	0

**DETAILS OF PUBLICATIONS****Full Papers Published in Proceedings of Conferences**

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

**DETAILS OF PUBLICATIONS****Articles Published in Newspapers**

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

**Summary of Research Publications July 1 ,2021 to June 30, 2022**

S.no	Department	Type of Journal	International	National	Others	Total
1	Department of Lifelong Learning & Extension	Peer Review Journals	1	1	0	2

**RESEARCH SCHEMES****Sponsored Research Projects during the Academic Year 2021 - 2022**

Sponsor Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration(in years)	Principal Investigator and Research Team
NIL					

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT****Details of Seminars, Conferences, and Workshops organized during the Academic Year**

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Essay Writing Competition in lieu of International Women day Celebration	2022-03-07	2022-03-07	Govt.College of Education, Sec-20 Chd	80

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY****3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022**

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
NIL										

**Ph.D. Awards****Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022**

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	Department of Lifelong Learning & Extension	Veena Kumari Sakya	Professionalism Career Advancement and Networking	2022-05-05	Prof.Prabha Vig
2	Department of Lifelong Learning & Extension	Ekta	Profession Commitment of College Teachers in relation to self efficacy continuous Professional Development	2022-06-30	Prof.Prabha Vig

**MISCELLANEOUS**

**Any other noteworthy achievement of the department during this Academic Year 2021 - 2022**

S.no	Department	Achievement
NIL		

**1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities**

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
NIL							

**2. Details of Collaborative activities**

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
1	Department of Lifelong Learning & Extension	Van Mahotsav	Horticulture Wing of Panjab University	Dr. Parmjit Singh Kang	08/07/2021	Nil/NA	Tree Plantation	0	08/07/2021
2	Department of Lifelong Learning & Extension	Academic Writing Workshop	UIFT,PU, Chd	Dr.Parmjit Singh Kang	17/02/2022	Nil/NA	Thesis and dissertation work	0	17/02/2022
3	Department of Lifelong Learning & Extension	International Literacy Day	Social Work, PU Chd	Dr.Parmjit Singh Kang, Prof.Sween	08/09/2021	Nil/NA	Literacy Day	0	08/09/2021
4	Department of Lifelong Learning & Extension	Cervix Cancer Elimination Movement	Origin Life Healthcare Solutions and Research Centre	Dr.Parmjit Singh Kang	17/11/2021	Nil/NA	Health Care	0	17/11/2021

**3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022**

Facilities	Existing	Newly Created/Added	Total
NIL			

**4. Details of Extracurricular Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

**5. Activities to celebrate / organize national and international commemorative days, events and festivals**

Title of Event	From Date	To Date
International Literacy Day	08/09/2021	08/09/2021
International Literacy Day	08/09/2021	08/09/2021
Online webinar on celebration of Constitutional Day	26/11/2021	26/11/2021
International AIDS Day	01/12/2021	01/12/2021

<b>Title of Event</b>	<b>From Date</b>	<b>To Date</b>
Online Webinar on International Mother Language Day	21/02/2022	21/02/2022
Celebration of International Women Day	07/03/2022	07/03/2022
Women's Day	08/03/2022	08/03/2022
International Women Day	08/03/2022	08/03/2022
Online Celebration of International Women Day	08/03/2022	08/03/2022
National Integration Day	25/04/2022	25/04/2022

#### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

<b>Title</b>	<b>No. of participants (Students and Staff)</b>	<b>Venue</b>	<b>From Date</b>	<b>To Date</b>
NIL				

#### 7. Number of Patents Published/Awarded

<b>SNo</b>	<b>Patent</b>	<b>Author</b>	<b>Date</b>	<b>Status</b>	<b>National/ International</b>	<b>Patent Number/ Application Number</b>
NIL						

#### 8. Revenue generated through consultancy

<b>SNo</b>	<b>Name of Consultancy Project</b>	<b>Name of the Consultant</b>	<b>Consulting/Sponsoring Agency</b>	<b>Project Date</b>	<b>National/ International</b>	<b>Revenue Generated (INR)</b>
NIL						

## INSTITUTE OF EDUCATIONAL TECHNOLOGY & VOCATIONAL EDUCATION

### SUMMARY OF PUBLICATIONS

#### INSTITUTE OF EDUCATIONAL TECHNOLOGY & VOCATIONAL EDUCATION

The Institute started in July 2007 as a collaborative effort of three departments of Panjab University viz. Department of Education, Department of Lifelong Learning and Department of Community Education & Disability Studies. Presently, four year integrated B.A. B.Ed. course (approved by NCTE) is offered in the Institute with an intake of 50 students. This course is designed as per the latest guidelines of NCTE. The objective of the Institute is to prepare prospective secondary school teachers, who are dedicated & committed to teaching profession, socially aware & concerned, morally upright and spiritually oriented. The focus of this four year course is to provide quality teacher education through a rigorous, consistent and comprehensive programme equipping with theoretical knowledge and practical pursuits.

### PUBLICATIONS

#### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISBN Number</b>	<b>State/ National/ International</b>
Dr. Amritpal Kaur (2021)	Pragati Vadi Kavya Dhara: Sahitik Pravertiya; Pragati Vadi Kavya Dhara: Sahitik Pravertiya; Lullu.Com United States	9781794743731	International

#### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISSN Number</b>	<b>Peer Reviewed (Y/N)</b>	<b>Publisher</b>
Dr. Rekha Rani & Kuljinder Kaur (2021)	Effect Of Activity Based Intervention Programme On Motor Skill Of Primary School Student With Dyspraxia In Dynamic Environment; Research Journal Of Human Development	2277-7377	No	Sadbhavna Society

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Jyoti Balodi & Dr. Rekha Rani (2022)	Effect of metacognitive instructional programme on achievement of primary school students with dyscalculia in number concept; International Journal of Applied Research	2394-5869	No	Ankit Publications, New Delhi
Chahal, G. and Kaur, K. (2022)	Effectiveness of Synectic model on language creativity in English in relation to cognitive styles; Education India: A Quarterly Referred Journal of Dialogues on Education	2278-2435	No	Education India: A Quarterly Referred Journal of Dialogues on Education

#### DETAILS OF PUBLICATIONS

##### Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### DETAILS OF PUBLICATIONS

##### Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### Summary of Research Publications July 1 ,2021 to June 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	Institute Of Educational Technology & Vocational Education	e-Journals	1	2	0	3
2	Institute Of Educational Technology & Vocational Education	Book with ISBN	1	0	0	1

#### RESEARCH SCHEMES

##### Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
NIL NIL	0	0	Nil/NA	2021 - 2021	NIL

#### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT

##### Details of Seminars, Conferences, and Workshops organized during the Academic Year

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Fine Arts Skills	2022-03-24	2022-03-25	Dr. Kanwalpreet Kaur	51

#### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

##### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Institute Of Educational Technology & Vocational Education	Dr. Kanwalpreet Kaur	National Education Policy 2020	seminar	Academic and Research Event	National	Patiala	20/05/2022	20/05/2022	Jasdev singh sandhu college of Education, Kouli, Patiala

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
2	Institute Of Educational Technology & Vocational Education	Dr. Kalpana Thakur	Induction Courses For Newly Recruited Pgt	other	Others	Other	NLI SUB Campus Chandigarh	20/06/2022	01/07/2022	Navodya Leadership Institute Bhillowal Amritsar
3	Institute Of Educational Technology & Vocational Education	Dr. Kalpana Thakur	Information Sources And Services For Teaching Learning And Research	Professional Development Programmes	Faculty Development Programme	University	Human Resource Development Centre P.U. Chandigarh	01/02/2022	07/02/2022	HRDC AND A.C. Joshi Library P.U. Chandigarh
4	Institute Of Educational Technology & Vocational Education	Dr. Amritpal Kaur	Blended Learning Parctices Issues And Challenges	webinar	Others	National	Dev Samaj College Of Education	25/09/2021	25/09/2021	Dev Samaj College Of Education
5	Institute Of Educational Technology & Vocational Education	DR. KALPANA THAKUR	Education and Employment Opportunities for Youth	other	Training/Orientation	Other	Rajiv Gandhi National Institute of Youth Development – Regional Centre, Chandigarh	14/02/2022	19/02/2022	Rajiv Gandhi National Institute of Youth Development
6	Institute Of Educational Technology & Vocational Education	Dr. Rekha Rani	Choosing Research Design and Data Analysis (2 Sessions)using MS Excel	workshop	Others	National	Ch. Devi Lal College of Education, Yamunanagar	08/04/2022	09/04/2022	Ch. Devi Lal College of Education, Yamunanagar
7	Institute Of Educational Technology & Vocational Education	Dr. Amritpal Kaur	Blended Learning & Pedagogical Techniques	Professional Development Programmes	Faculty Development Programme	National	Teaching Learning Centre, Ramanujan College University of Delhi	22/01/2022	29/01/2022	Ministry Of Education Pandit Madan Mohan Malaviya National Mission On Teachers And Teaching
8	Institute Of Educational Technology & Vocational Education	Dr. Rekha Rani	Journey of Teacher Education from Vedic Era to NEP-2020	conference	Academic and Research Event	International	BPSITTR, B.P.S.M.V, Khanpur Kalan	20/03/2022	21/03/2022	BPSITTR, B.P.S.M.V, Khanpur Kalan
9	Institute Of Educational Technology & Vocational Education	Dr. Rekhha Rani	Capacity Building Programme on Pedagogical Leadership for School Principals	Professional Development Programmes	Training/Orientation	State	SCERT, Haryana	14/03/2022	23/03/2022	SLA, SCERT, Haryana
10	Institute Of Educational Technology & Vocational Education	Dr. Rekha Rani	Career Counselling (02 Sessions)	other	Others	Other	GMSSS-23, Chandigarh	12/02/2022	12/02/2022	GMSSS-23, C
11	Institute Of Educational Technology & Vocational Education	Dr. Rekha Rani	Career Counselling (02 Sessions)	other	Others	Other	GMSSS-35, Chandigarh	19/01/2022	19/01/2022	GMSSS-35, Chandigarh
12	Institute Of Educational Technology & Vocational Education	Dr. Rekha Rani	Social Sciences, Humanities and Interdisciplinary Research	conference	Academic and Research Event	International	SVU, Tirupati (Virtual Mode))	26/02/2022	26/02/2022	SVU, Tirupati

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
13	Institute Of Educational Technology & Vocational Education	Dr. Kanwalpreet Kaur	Emerging Trends In Education: Transforming The Global Scenario	webinar	Others	National	DEV SAMAJ COLLEGE OF EDUCATION	29/01/2022	30/01/2022	CTEF Punjab & Chandigarh In Collaboration With Dev Samaj College Of Education Chandigarh
14	Institute Of Educational Technology & Vocational Education	Dr. Rekha Rani	Academic Writing	workshop	Academic and Research Event	International	SVU, Tirupati (Online)	07/03/2022	07/03/2022	SVU, Tirupati
15	Institute Of Educational Technology & Vocational Education	Dr. Rekha Rani	ON-LINE Comprehensive Orientation Training Programme for General Teachers (Upper Primary Level) on Inclusive Education (2 Sessions per Week) Total -25 Sessions	Professional Development Programmes	Training/Orientation	State	HIPA, Haryana	16/08/2021	12/11/2021	HIPA, Haryana
16	Institute Of Educational Technology & Vocational Education	Dr. Rekha Rani	IDEA-Bankruptcy of Educationists and Thinkers	conference	Academic and Research Event	International	BPSITTTR, B.P.S.M.V, Khanpur Kalan	28/03/2022	29/03/2022	BPSITTTR, B.P.S.M.V, Khanpur Kalan
17	Institute Of Educational Technology & Vocational Education	Dr. Kalpana Thakur	Competency Based Education & Learning Outcomes	Professional Development Programmes	Faculty Development Programme	National	Navodya Vidyalaya Chandigarh	21/06/2022	21/06/2022	Navodya Vidyalaya Samiti
18	Institute Of Educational Technology & Vocational Education	Dr. Kalpana Thakur	Education and Employment Opportunities for Youth	workshop	Training/Orientation	National	Rajiv Gandhi National Institute of Youth Development – Regional Centre, Chandigarh	17/02/2022	17/02/2022	Rajiv Gandhi National Institute of Youth Development

### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	Institute Of Educational Technology & Vocational Education	Gagnita Chahal	Effect of Synectic Model on Achievement in English, Achievement Motivation and Language Creativity in relation to Cognitive Styles	2021-12-20	Dr. Kanwalpreet Kaur

### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
1	Institute Of Educational Technology & Vocational Education	

**1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities**

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
NIL							

**2. Details of Collaborative activities**

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
NIL									

**3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022**

Facilities	Existing	Newly Created/Added	Total
Class rooms	10	0	10
Class rooms with ICT facility (LCD/Projector)	3	0	3
No. of Research Labs	0	0	0
No. of Computer labs	1	0	1
Total Number of Computers in the department	20	0	20
Video Centre	1	1	2
Seminar Halls with ICT facility	1	1	2
Seminar Halls	1	1	2
No. of important equipments purchased ( $\geq$ 10 lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0
Class rooms with Wifi/LAN facility	10	0	10

**4. Details of Extracurricular Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

**5. Activities to celebrate / organize national and international commemorative days, events and festivals**

Title of Event	From Date	To Date
Role of Punjab in Freedom Struggle of India	14/08/2021	14/08/2021
Gandhi Jayanti By Tagore Litrary Club	02/10/2021	02/10/2021
Ujala	21/10/2021	21/10/2021
Vigilance awareness week	26/10/2021	01/11/2021

**6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

**7. Number of Patents Published/Awarded**

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						



## 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

## PHYSICAL EDUCATION

### SUMMARY OF PUBLICATIONS

The department of Physical Education was started in the year of 1963 with M.A. Physical Education. The Department has emerged as one of the premier centre of Physical Education in India. It has acquired a prominent status in the country and has earned several distinctions during its existence. The department offers B.P.Ed. (Two Year), M.P.Ed. (Two Year), M.Phil, Doctoral Programmes and has highly qualified faculty. in line with the University Mission, the Department has the aim of educating and to produce quality teachers to serve as administrators in the profession of physical education and sports. By improving our academic programmes and services to the University and local community, we pledge to continually strive for academic excellence and to maintain our leadership role in our profession.

### PUBLICATIONS

#### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
NIL			

#### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Prof. Th. Nandalal Singh (2021)	Comparison of Health and Wellness Status between Sportsperson and Non-Sportsperson; International Journal of Yogic, Human Movement and Sports Sciences	ISSN Number: 2456-4419	Yes	AkiNik Publications, New Delhi
Prof. Th. Nandalal Singh (2021)	Comparison of Muscular Endurance and Muscular Power between Football and Hockey Players; International Journal of Yogic, Human Movement and Sports Sciences	ISSN Number: 2456-4419	Yes	AkiNik Publications, New Delhi
Prof. Gurmeet Singh (2022)	General health Status and Tridosha analysis of urban high-risk Diabetes after 3- month Diabetes Yoga Protocol: a pilot study; JIMCR	2582-6255	No	Swami Paramhansa Swastha Shiksha avam Paryavaran Sanrakshan Samsthana
Prof. Gurmeet Singh (2022)	Investigating the mitigating role of mind body intervention on glycemic control in prediabetes: A case report; JIMCR	2582-6255	No	Swami Paramhansa Swastha Shiksha avam Paryavaran Sanrakshan Samsthana
Prof. Gurmeet Singh (2022)	Yoga as a Preventive Intervention for Cardiovascular Diseases and Associated Comorbidities: Open-Label Single Arm Study; Frontiers of Public health	2296-2565	No	Frontiers Media SA

**DETAILS OF PUBLICATIONS****Full Papers Published in Proceedings of Conferences**

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

**DETAILS OF PUBLICATIONS****Articles Published in Newspapers**

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL	-	-	-

**Summary of Research Publications July 1 ,2021 to June 30, 2022**

S.no	Department	Type of Journal	International	National	Others	Total
1	Department of Physical Education	Peer Review Journals	11	0	0	11
2	Department of Physical Education	e-Journals	4	1	0	5

**RESEARCH SCHEMES****Sponsored Research Projects during the Academic Year 2021 - 2022**

Sponsor Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration(in years)	Principal Investigator and Research Team
NIL	-	-	-	-	-

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT****Details of Seminars, Conferences, and Workshops organized during the Academic Year**

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
NIL	-	-	-	-

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY****3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022**

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Department of Physical Education	Prof. Dalwinder Singh	International E-Conference on "Role of Sports Psychology and Fitness Management for Sportsmen During Covid-19, Pandemic ERA	conference	Academic and Research Event	International	Nagpur Sharirik Shikshan Mahavidyalaya, Nagpur	02/09/2021	04/09/2021	Nagpur Sharirik Shikshan Mahavidyalaya, Nagpur
2	Department of Physical Education	Prof. Th. Nandalal Singh	Internaional Webinar Series on Teaching Sports Strategies: A Road to Sports Performance	seminar	Academic and Research Event	International	De La Salle University, Phillippines in Collaboration with IFPEFSSA	03/07/2021	03/07/2021	De La Salle University Phillipines
3	Department of Physical Education	Prof. Th. Nandalal Singh	58. International Conference on " Strategic Preparedness and Response Plan for Physical Education Professionals (SPARP-21)"	conference	Academic and Research Event	International	YMCA College of Physical Education, Chennai	17/07/2021	17/07/2021	YMCA College of Physical Education, Chennai

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
4	Department of Physical Education	Prof. Th. Nandalal Singh	60. International Conference on "Managerial Approach in Physical Education and Sports (MAPES-2021)"	conference	Academic and Research Event	International	YMCA College of Physical Education, Chennai	24/07/2021	24/07/2021	YMCA College of Physical Education, Chennai
5	Department of Physical Education	Prof. Th. Nandalal Singh	44. National Webinar on "National Webinar on Indian in Tokyo Olympics 2020"	seminar	Academic and Research Event	National	Manipur University, Imphal	21/07/2021	21/07/2021	Manipur University, Imphal
6	Department of Physical Education	Prof. Th. Nandalal Singh	43. National Webinar on "Tokyo Olympics 2020, Focuses on India's Journey and Expectations"	webinar	Academic and Research Event	National	National Sports University Manipur	03/07/2021	03/07/2021	National Sports University Manipur

### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	Department of Physical Education	Shiva Raj Bhatt	Development Of Talent Identification Model For Cricket In Nepal	2022-02-22	Prof. Gurmeet Singh
2	Department of Physical Education	Rajni Monga	Construction And Standardization Of Sports Loading Scale	2021-12-21	Prof. Dalwinder Singh
3	Department of Physical Education	Harmandeep Kaur	Effects of Yogic Interventions on the Menstrual Attitude and Life Style Pattern of Females with Symptoms of Premenstrual Disorders	2022-04-20	Prof. Dalwinder Singh
4	Department of Physical Education	Rupinder Singh	Arjuna Awardee Rupa Saini, Eminent Hockey Player, Educationist, Administrator And Sports Promoter-A Case Study	2021-12-21	Dr. Neelam Paul
5	Department of Physical Education	Rani Devi	Construction And Standardization Of Sports Anxiety Questionnaire	2022-05-03	Dr. Anju Lata Dwivedi
6	Department of Physical Education	Shiv Kant	Effect Of Hatha Yoga On Physical Fitness, Physiological And Haematological Variables Of School Level Students	2021-08-09	Prof. Amarjit Kaur
7	Department of Physical Education	Dinesh Kumar	A Study Of Achievement Motivation, Self-Efficacy, Task And Ego Orientation Of University Level Swimmers	2022-04-20	Dr. Amanendra Mann
8	Department of Physical Education	Vikas Dahiya	Padma Bhushan Satpal Singh Dronacharya Awardee As A Sports Administrator And Sports Promoter- A Case Study	2021-12-21	Dr. Mahender Singh
9	Department of Physical Education	Mast Ram	Study Of Sports Structure And Programmes Of Directorate Of Higher Education And State Universities Of Haryana	2022-04-04	Dr. Ajit Singh
10	Department of Physical Education	Nusrat Dilawar	Mental Imagery And Goal-Setting In Relation To Flow State Among Female Athletes Of Different Sports	2021-07-07	Prof. Gurmeet Singh

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
11	Department of Physical Education	Vaibhav Rai	Study Of Circadian Rhythm And Seasonal Variation On Selected Motor Fitness, Physiological Components And Coordinative Abilities Of National Level Cricket Players	2022-02-22	Dr. Mahender Singh
12	Department of Physical Education	Swati	Assessment Of Life Style, Physical Activity, Body Image And Eating Disorder Among College Students	2022-05-02	Prof. Th. Nandalal Singh
13	Department of Physical Education	Rakesh Malik	Passion, Mental Toughness and Ways of Coping among Different Game Players	2022-04-27	Dr. Manmeet Gill
14	Department of Physical Education	Virender Singh	A Study Of Anthropometric Characteristics And Motor Fitness Variable In Relation To Playing Ability Among Volleyball Players	2022-02-22	Dr. Amanendra Mann
15	Department of Physical Education	Parveen Kumar Sharma	Effects Of Gymnastics Exercises On Motor Skills, Body Composition And Physical Performance Of Autistic Children	2021-07-07	Prof. Dalwinder Singh
16	Department of Physical Education	Seema	Psychological Well Being Of Athletes In Relation To Their Aggression And Performance Strategies	2021-12-06	Prof. Gurmeet Singh
17	Department of Physical Education	Harsha Dua	Health & Physical Activity Status, Eating Behavior And Quality Of Sleep Among Multiple Shift Workers	2021-09-30	Dr. Sonia Kanwar
18	Department of Physical Education	Sandeep	Arjuna Awardee Surinder Singh Sondhi An Outstanding Hockey Player, Administrator And Coach-A Case Study	2021-10-13	Dr. Ajit Singh
19	Department of Physical Education	Paramdeep Singh	Psychological Correlates Of Freezingness Among Physical Education Teachers Of Punjab	2022-11-30	Dr. Rakesh Malik
20	Department of Physical Education	Jaspreet Kashyap	Mode Of Travelling And Health Reated Physical Fitness Among School Students Of Union Territory Of Chandigarh	2021-08-09	Prof. Th. Nandalal Singh
21	Department of Physical Education	Jatinder Kumar	Arjuna Awardee Shri Akhil Kumar An Eminient Sports Person and His Contribution Towards Boxing- A Case Study	2021-09-15	Prof. Amarjit Kaur

#### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
1	Department of Physical Education	There is 100% placement of the department students in various institutions and every year 3-4 students participated in International Competitions and contributing to the MAKAT trophy and for the last two years, Panjab University ranked No. 1 in University Sports of the Country.

#### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
NIL							

## 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
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NIL

## 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	15	0	15
Class rooms	4	0	4
Class rooms with Wifi/LAN facility	4	0	4
Class rooms with ICT facility (LCD/Projector)	0	0	0
No. of Research Labs	1	0	1
No. of Computer labs	1	0	1
Video Centre	0	0	0
Seminar Halls with ICT facility	0	0	0
Seminar Halls	1	0	1
No. of important equipments purchased ( $\geq$ 10 lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0

## 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
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## 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
International Yoga Day	21/06/2022	21/06/2022

## 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
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NIL

## 7. Number of Patents Published/Awarded

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
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NIL

## 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
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NIL

## DR SS BHATNAGAR UNIVERSITY INSTITUTE OF CHEMICAL ENGG. & TECH.

### SUMMARY OF PUBLICATIONS

The Dr. S.S. Bhatnagar University Institute of Chemical Engineering and Technology, Panjab University, (<http://www.uicet.puchd.ac.in>) is a premier Institute in Northern India imparting quality education in Chemical Engineering, Food Technology and allied areas. Institute is currently running the courses in B.E. (Chemical), B.E.(Food Technology),

Integrated B.E. (Chemical)-MBA, M.E. (Chemical), M.Tech. (Polymer), M.E. (Food Technology), M.Sc. (Industrial Chemistry) and M.E. (Chemical) with specialization in Environmental Engineering. The faculty of the institute guide the students under faculty of Engineering & Technology to pursue their research leading to awards of Ph.D degree. The Institute was set up in 1958 in collaboration with the Illinois Institute of Technology Chicago, USA, and continues to maintain global standards of excellence in education and research. The Institute has attained status of eminence in academia, R&D within India and abroad. Over the year the faculty members have been bestowed with research grants from premier funding agencies like DST, AICTE, UGC DRDO, MOFPI, CSIR, TEQIP-III etc. The faculty works in collaboration with the industry, Research Organizations and Statutory Bodies contributing extensively towards high quality research. The Institute is availing DST PURSE Grant on a regular basis.

## PUBLICATIONS

### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Sahil Kumar, Sushil Kumar Kansal, Ashok Pandey, S. Saravanamurugan (2022)	Chapter 14 - Polyalkylglycosides: sustainable production of nonionic biosurfactants from lignocellulosic biomass; Biomass, Biofuels, Biochemicals Biochemicals and Materials Production from Sustainable Biomass Resources; Elsevier	978-0-12-824419-7	International
Maninder Kaur, Sanddeep Dhundhara (2022)	Crop Residues: A Potential Bioenergy Resource; Advances in Chemical, Bio and Environmental Engineering; Springer, Cham	978-3-030-96553-2	International
Maninder Kaur, Mandeep Sharma, Sandeep Dhundhara, Yogendra Arya (2021)	Energy Storage for Modern Power System Operations, (Fast-Acting Electrical Energy Storage Systems for Frequency Regulation; Scrivener Publishing LLC wiley Publications	ISBN: 978-1-119-76033-7	International
Maninder Kaur, Sandeep Dhundhara, Sanchita Chauhan, Mandeep Sharma (2021)	Lithium-Ion vs. Redox Flow Batteries – A Techno-Economic Comparative Analysis for Isolated Microgrid System; Energy Storage for Modern Power System Operations, (177–198); Scrivener Publishing LLC, wiley Publications	ISBN: 978-1-119-76028-3	International
Ashutosh Kumar & Sushil Kumar Kansal (2021)	Magnetically Recyclable Photocatalysts for Degradation of Organic Pollutants in Aquatic Environment; Nanostructured Materials for Environmental Applications; Springer	978-3-030-72076-6	International
Gargi Ghoshal (2021)	Microbial Fuel cell: Recent Advancement; Bioremediation, Nutrients, and other Valuable Product Recovery; Academic Press, Elsevier	9780128227527	International
Jodh Singh, Rajesh Kumar, Harmesh Kumar and Munish Gupta (2021)	Thermal Conductivity Analysis of Graphene Oxide Nanofluid Using Three-Level Factorial Design; Advances in Metrology and Measurement of Engineering Surfaces (pp.161-169); Advances in Metrology and Measurement of Engineering Surfaces (pp.161-169)	Online ISBN 978-981-15-5151-2	International
Prof. Seema Kapoor (2022)	Unleashing Potential Of Bone Mimicking Nanodimensional Hydroxyapatites And Their Biomedical Applications; Biomedical Translational Research; Springer	ISBN 978-981-16-9231-4	National

### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Manoj Kumar, Suraj Prakash, Surinder Singh, Ryszard Amarowicz, Mohamed Mekhemar (2022)	, Apitherapy and Periodontal Disease: Insights into In Vitro, In Vivo, and Clinical Studies; Antioxidants	2076-3921	Yes	MDPI

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Preetismita Borah, Chetan, Vaishali Sharma, Arindam Malakar, Surinder Singh Bhinder, Sushil Kumar Kans (2022)	A Facile Method for Detection and Speciation of Inorganic Selenium with Ion Chromatography; <i>Chromatographia</i>	0009-5893	Yes	Springer
Anurag Jaswal, Manjot Kaur, Surinder Singh, Sushil Kumar Kansal, Ahmad Umar Christos S. Garoufalidis, (2021)	Adsorptive removal of antibiotic ofloxacin in aqueous phase using rGO-MoS <sub>2</sub> heterostructure; <i>Journal of Hazardous Materials</i>	0304-3894	Yes	Elsevier
Sachin Kumar, Preeti Tewatia, Sharmistha Samota, Gaurav Rattan, Anupama Kaushik (2022)	Ameliorating properties of castor oil based polyurethane hybrid nanocomposites via synergistic addition of graphene and cellulose nanofibers; <i>Journal of Industrial and Engineering Chemistry</i>	1226086X	Yes	Korean Society of Industrial Engineering Chemistry
Komal, Kanu Gupta, Nidhi, Anupama Kaushik, Sonal Singhal (2022)	Amelioration of adsorptive efficacy by synergistic assemblage of functionalized graphene oxide with esterified cellulose nanofibers for mitigation of pharmaceutical waste; <i>Journal of Hazardous Materials</i>	03043894	Yes	Elsevier B.V.
Twinkle Garg, Renu, Anupama Kaushik, Sonal Singhal (2022)	An innovative Z-scheme g-C <sub>3</sub> N <sub>4</sub> /ZnO/NiFe <sub>2</sub> O <sub>4</sub> heterostructure for the concomitant photocatalytic removal and real-time monitoring of noxious fluoroquinolones; <i>Chemical Engineering Journal</i>	13858947	Yes	Elsevier B.V.
Manpreet Kaur, Surinder Kumar Mehta, Pooja Devi, Sushil Kumar Kansal (2021)	Bi <sub>2</sub> WO <sub>6</sub> /NH <sub>2</sub> -MIL-88B(Fe) heterostructure: An efficient sunlight driven photocatalyst for the degradation of antibiotic tetracycline in aqueous medium; <i>Advanced Powder Technology</i>	0921-8831	Yes	Elsevier
Sharmistha Samota, Reetu Rani, Suvankar Chakraverty, Anupama Kaushik (2022)	Biosensors for simplistic detection of pathogenic bacteria: A review with special focus on field-effect transistors; <i>Materials Science in Semiconductor Processing</i>	13698001	Yes	Elsevier Ltd
Manoj Kumar, Rajat Suhag, Muzaffar Hasan, Sangram Dhumal, Radha, R. Pandiselvam, Marisennayya Sena (2022)	Black soybean ( <i>Glycine max</i> (L.) Merr.): paving the way toward new nutraceutical; <i>Critical Reviews in Food Science and Nutrition</i>	10408398	Yes	Taylor & Francis
Anshu Sharma, Manoj Kumar, Surinder Singh, Mohamed Mekhemar (2022)	Carica papaya L. Leaves: Deciphering Its Antioxidant Bioactives, Biological Activities, Innovative Products, and Safety Aspects, <i>Oxidative Medicine</i>	1942-0900	Yes	Hindawi

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISSN Number</b>	<b>Peer Reviewed (Y/N)</b>	<b>Publisher</b>
	and Cellular Longevity; Oxid Med Cell Longev.			
Hadi Ali, Sushil Kumar Kansal, S. Saravanamurugan (2022)	Chapter 11 - Upgradation of bio-oil derived from various biomass feedstocks via hydrodeoxygenation; Biomass, Biofuels, Biochemicals Biochemicals and Materials Production from Sustainable Biomass Resources	978-0-12-824419-7	Yes	Elsevier
Sharma, R, Ghoshal, G (2021)	Characterization and cytotoxic activity of pigment extracted from Rhodotorula mucilaginosa to assess its potential as bio-functional additive in confectionary products; Journal of Food Science and Technology	0022-1155	Yes	Springer
Ghoshal, G., Singh, M. (2022)	Characterization of silver nano-particles synthesized using fenugreek leave extract and its antibacterial activity; Materials Science for Energy Technologies,	2589-2991 ISSN	Yes	Elsevier
Shaffy Garg, Sanjeev Gautam, Jitendra Pal Singh, Kandasami Asokan, Navdeep Goyal (2021)	Characterizing the defects and ferromagnetism in metal oxides: The case of magnesium oxide; Materials Characterization	1044-5803	Yes	Elsevier
Monika, Surinder Singh*, Mamta Bhagat, Vishal Vilvas & Suresh Sundarmurthy (2022)	Column optimization of adsorption and evaluation of bed parameters-based on removal of arsenite ion using rice husk; Environmental Science and Pollution Research	1614-7499	Yes	Springer
Manpreet Kaur, Surinder Kumar Mehta & Sushil Kumar Kansal (2022)	Construction of multifunctional NH <sub>2</sub> -UiO-66 metal organic framework: sensing and photocatalytic degradation of ketorolac tromethamine and tetracycline in aqueous medium; Environmental Science and Pollution Research	1614-7499	Yes	Springer
P. Kaur and G. Verma (2022)	Converting fruit waste into carbon dots for bioimaging applications; Materials Today Sustainability	2589-2347	Yes	Elsevier
Mohammad Babar, Anjali Sharma, Prapti Kakkar, Aman Arora ,Tamanna Arora and Gaurav Verma (2022)	Correlating thermal properties of polyurethane/clay nanocomposite coatings with processing; Progress in Organic Coatings	0300-9440	Yes	Elsevier
Manoj Kumar, Muzaffar Hassan, Jose M Lorenzo, Surinder Singh, John F. Kennedy (2022)	Cottonseed feedstock as a source of plant-based protein and bioactive peptides: Evidence based on biofunctionalities and industrial applications; Food Hydrocolloids	0268-005X	Yes	Elsevier



<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISSN Number</b>	<b>Peer Reviewed (Y/N)</b>	<b>Publisher</b>
Manoj Kumar, Surinder Singh, Ryszard Amarowicz (2021)	Cottonseed: a sustainable contributor to global protein requirements; Trends in Food Science and Technology	0924-2244	Yes	Elsevier
Nidhi Singhal; Harjit Kaur (2021)	Demographic Determinants of Size of Dairy Herd: Evidence From Punjab, India; Agricultural Research Journal	2395-1435 (Print);2395-146X (Online)	Yes	Punjab Agricultural University
Paramdeep Kaur, Sneha Singh, Renu, Jyoti, Vinod Kumar, K.B. Tikoo, Anupama Kaushik (2022)	Development of emphatic catalysts for waste water remediation via synchronized free radical and non-free radical routes with composites of strontium hexaferrite, graphene and multi-walled carbon nanotubes; Ceramics International	22133437	Yes	Elsevier
Paramdeep Kaur, Sneha Singh....., Anupama Kaushik, Sonal Singhal (2022)	Development of emphatic catalysts for waste water remediation via synchronized free radical and non-free radical routes with composites of strontium hexaferrite, graphene and multi-walled carbon nanotubes; Ceramics International	02728842	Yes	Elsevier Ltd
Manpreet Kaur, Preeti Tewatia, Gaurav Rattan, Sonal Singhal, Anupama Kaushik, (2021)	Diamidoximated cellulosic bioadsorbents from hemp stalks for elimination of uranium (VI) and textile waste in aqueous systems; Journal of Hazardous Materials	03043894	Yes	Elsevier B.V.
Nidhi Singhal, Deepak Kapur (2022)	Does social media activity lead to more funds? – a study on Indian start-ups; Journal of entrepreneurship in emerging economies	2053-4604	No	Emerald
S Gautam, J Singhal, HK Lee, KH Chae (2022)	Drug delivery of paracetamol by metal-organic frameworks (HKUST-1): Improvised synthesis and investigations; Materials Today Chemistry	1369-7021	Yes	Elsevier
Shafali Singh & Sushil Kumar Kansal (2022)	Dual Fluorometric Detection of Fe <sup>3+</sup> and Hg <sup>2+</sup> Ions in an Aqueous Medium Using Carbon Quantum Dots as a “Turn-off” Fluorescence Sensor; Journal of Fluorescence	1053-0509	Yes	Springer
Mamta Devi, Jyoti Sharma, Urvashi Gupta (2022)	Effect of internal heat source on Darcy-Brinkman convection in a non-Newtonian Casson nanofluid layer; Journal of Porous Media	1934-0508	Yes	Begell House
Maninder Kaur (2022)	Effect of particle size on enhancement of biogas production from crop residue; Materials Today: Proceedings	2214-7853	No	Elsevier

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Kavita Sharma, Manpreet Kaur, Gaurav Rattan, Anupama Kaushik (2022)	Effective biocatalyst developed via genipin mediated acetylcholinesterase immobilization on rice straw derived cellulose nanofibers for detection and bioremediation of organophosphorus pesticide; Colloids and Surfaces A: Physicochemical and Engineering Aspects	09277757	Yes	Elsevier B.V.
Harjit Kaur and Prof.Sanjay Kaushik (2021)	Examining the integration of continuous improvement and strategic planning in select pharmaceutical companies in India: a case study; The TQM Journal	1754-2731	Yes	Emerald
Monica Bansal, Dharamender Kumar, Ghanshyam S. Chauhan, Anupama Kaushik, Gagandeep Kaur (2022)	Functionalization of nanocellulose to quaternized nanocellulose tri-iodide and its evaluation as an antimicrobial agent; International Journal of Biological Macromolecules	01418130	Yes	Elsevier B.V.
14. MinnuSasi, Sandeep Kumar, Manoj Kumar, ....., Surinder Singh, ....., Mohamed Mekhemar (2021)	Garlic ( <i>Allium sativum</i> L.) Bioactives and Its Role in Alleviating Oral Pathologies; Antioxidants	2076-3921	Yes	MDPI
Manoj Kumar, Swati Kapoor, ....., Surinder Singh, ....., RyszardAmarowicz, Deep Jyoti Bhuyan, (2022)	Guava ( <i>Psidium guajava</i> L.) seed: A low-volume, high-value byproduct for human health and the food industry; Food Chemistry	ISSN: 0308-8146	Yes	Elsevier
Gargi Ghoshal, Harpreet Chopra (2022)	Impact of apricot oil incorporation in tamarind starch/gelatin based edible coating on shelf life of grape fruit; Journal of Food Measurement and Characterization, 2	2193-4134	Yes	Springer
Hadi Alia, Tom Vandevyvere, Jeroen Lauwaert, Sushil Kumar Kansal, Shunmugavel Saravanamurugan, Joris (2022)	Impact of oxygen vacancies in Ni supported mixed oxide catalysts on anisole hydrodeoxygenation; Catalysis Communications	1566-7367	Yes	Elsevier
Mandeep Kaur, Sanjeev Gautam, Navdeep Goyal (2022)	Ion-implantation and photovoltaics efficiency: A review; Materials Letters	0167-577X	Yes	Elsevier
Girish Gupta, Manpreet Kaur, Sushil K. Kansal, Ahmad Umar, Ahmed A. Ibrahim (2022)	$\alpha$ -Bi <sub>2</sub> O <sub>3</sub> nanosheets: An efficient material for sunlight-driven photocatalytic degradation of Rhodamine B; Ceramics International	0272-8842	No	Elsevier
Shushant Shukla, Urvashi Gupta (2022)	LTNE effects on triple-diffusive convection in nanofluids.; Journal of Heat Transfer	1528-8943	Yes	ASME Publication
Navdeep Kajal, Vishavjeet Singh, Ritu Gupta, Sanjeev Gautam (2022)	Metal organic frameworks for electrochemical sensor applications: A review; Environmental Research	0013-9351	Yes	Elsevier

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISSN Number</b>	<b>Peer Reviewed (Y/N)</b>	<b>Publisher</b>
Manoj Kumar, Pavidharshini Selvasekaran , Swati Kapoor , Mrunal D. Barbhai , Jos'e M. Lorenzo , Vive (2022)	Moringa oleifera Lam. seed proteins: Extraction, preparation of protein hydrolysates, bioactivities, functional food properties, and industrial application; Food Hydrocolloids	ISSN: 0268-005X	Yes	Elsevier
Jeevanpreet Kaur, Urvashi Gupta (2022)	Nonlinear analysis for thermal convection in Oldroyd-B nanofluids with zero nanoparticle flux on the boundaries.; Indian Journal of Physics	0973-1458	Yes	Springer
Manoj Kumar,Mrunal D Barbhai, Muzaffar Hasan, SangramDhumal, Surinder Singh,Ravi Pandiselvam, Nadeem (2022)	Onion (Allium cepa L.) peel: A review on extraction of bioactive compounds, antioxidant potential and its application as a functional food ingredient; Journal of food science	0022-1147	Yes	Wiley
Manoj Kumar, Anil Dahuja, ....., Surinder Singh,....., Ryszard Amarowicz, John F Kennedy & Mohamed Mekhe (2022)	Optimization of the use of cellulolytic enzyme preparation for the extraction of health promoting anthocyanins from black carrot using response surface methodology; LWT	ISSN: 0023-6438	Yes	Elsevier
Abhishek Sraw, Taranjeet Kaur, Ina Thakur, Anoop Verma, Ravinder K. Wanchoo, Amrit Pal Toor (2022)	Photocatalytic degradation of pesticide monocrotophos in water using W-TiO2 in slurry and fixed bed recirculating reactor; Journal of Molecular Structure	0022-2860	No	Elsevier
Suraj Prakash , Radha , Manoj Kumar , Sonia Rathour,.,Surinder Singh, Mohamed Mekhemar (2021)	Plant-Based Antioxidant Extracts and Compounds in the Management of Oral Cancer; Antioxidants	2076-3921	Yes	MDPI
Manoj Kumar, Maharishi Tomar, Surinder Singh*, ....., John. F. Kennedy (2021)	Plant-based proteins and their multifaceted industrial applications; LWT	0023-6438	Yes	Elsevier
Gurpreet Kaur, Dalveer Kaur, Sushil K. Kansal, Monika Garg, Meena Krishania (2022)	Potential cocoa butter substitute derived from mango seed kernel; Food Chemistry	0308-8146	Yes	Elsevier
Sanjeev Gautam, Dhruv Bhatnagar, Deepika Bansal, Hemant Batra, Navdeep Goyal (2022)	Recent advancements in nanomaterials for biomedical implants; Biomedical Engineering Advances	2667-0992	Yes	Elsevier
Shafali Singh and Sushil Kumar Kansal (2022)	Recent progress in red phosphorus-based photocatalysts for photocatalytic water remediation and hydrogen production; Applied Materials Today	2352-9407	Yes	Elsevier
Dr.Harjit Kaur, Prof. Sanjay Kaushik (2021)	Resource allocation for implementing strategic quality management strategies in pharmaceutical industry in India: a case study; International Journal of Productivity and Quality Management	ISSN: 1746-6474 eISSN: 1746-6482	No	Inderscience Enterprises Ltd.

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Jaspreet Kaur, Gajanand Sharma, Akanksha Mahajan, Om Parkash Katare, Sanjay Kumar Bhadada Ghoshal, G. (2021)	Role of Cissus quadrangularis in the Management of Osteoporosis: An Overview; Critical reviews in therapeutic drug carrier systems	0743-4863	Yes	Bagal House
Preeti Tewatia, Vijay Kumar, Sharmistha Samota, Sonal Singhal, Anupama Kaushik (2022)	Sensing and annihilation of ultra-trace level arsenic (III) using fluoranthene decorated fluorescent nanofibrous cellulose probe; Journal of Hazardous Materials	03043894	Yes	Elsevier B.V.
Aarsee Dhindsa, Amit Sobti, R.K. Wanchoo, Amrit Pal Toor (2022)	Study on mass transfer using nanofluid drops in liquid-liquid extraction column; International Communications in Heat and Mass Transfer	0735-1933	Yes	Elsevier
Ramanpreet Kaur, Gargi Ghoshal (2022)	Sunflower protein isolates-composition, extraction and functional properties; Advances in Colloid and Interface Science	0001-8686	Yes	Elsevier
Kamini Turan , Prabhsharan Kaur and Gaurav Verma (2021)	Synthesis of conductive polyaniline-carbon nanofiber nanocomposite with chenille like morphology for photocatalytic coatings applications; Progress in Organic Coatings	0300-9440	Yes	Elsevier
Neeraj Kumari, Manoj Kumar, ohamed Mekhemar, Surinder Singh, Ryszard Amarowicz, Adolfo Andrade-Ce (2022)	Therapeutic uses of wild plant species used by rural inhabitants of Kangra in the western Himalayan region; South African Journal of Botany	Journal cover for South African Journal of Botany ISSN: 0254-6299	Yes	Elsevier
Gargi Ghoshal, Shivani, (2022)	Thyme essential oil nano-emulsion/Tamarind starch/Whey protein concentrate novel edible films for tomato packaging; Food Control	0956-7135 ISSN	Yes	Elsevier
Parminder Singh, Puja Sharma, Ritu Gupta, Ravinder Kumar Wanchoo (2022)	Time Scale Analysis for Prediction of Nusselt Number of Nanofluids Flowing Through Straight Tubes: An Experimental Study; Iran. J. Chem. Chem. Eng.	1021-9986	Yes	Iranian Institute of Research and Development in Chemical Industries (IRDCI)-ACECR
Manpreet Kaur, Sofia Sandhu, Amrit Pal Toor, Vasundhara Singh (2022)	Time-dependent mechanistic insight into photo-degradation of mixed hydrophobic disperse dyes by magnetically separable nitrogen iron codoped titania under visible light using process variable optimization; Journal of Cleaner Production	1879-1786	No	Elsevier
Disha Guliani, Amit Sobti, Amrit Pal Toor (2022)	Titania impregnated mesoporous MCM-48 as a solid photo-catalyst for the synthesis of methyl palmitate:	0960-1481	Yes	Elsevier

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
	Reaction mechanism and kinetics; Renewable Energy			
Manoj Kumar a,*, Maharishi Tomar b,*, Deep Jyoti Bhuyan c, Sneha Punia d, Simona Grasso e, Amanda Gom (2021)	Tomato ( <i>Solanum lycopersicum</i> L.) seed: A review on bioactives and biomedical activities; Biomedicine & Pharmacotherapy	0753-3322	Yes	Elsevier
Gargi Ghoshal, Singh, S., Sharma, R. (2022)	Utilization and characterization of flaxseed oil in ultrasonically emulsified mango beverage; Journal of Food Science and Technology	00221155	Yes	Springer
Manoj Kumar, Deepak Chandran . . . ., Surinder Singh, . . . ., Mohamed Mekhemar (2022)	Valorization Potential of Tomato ( <i>Solanum lycopersicum</i> L.) Seed: Nutraceutical Quality, Food Properties, Safety Aspects, and Application as a Health-Promoting Ingredient in Food; Horticulturae	2311-7524	Yes	MDPI
Preeti Tewatia, Manpreet Kaur, Sonal Singhal, Anupama Kaushik (2021)	Wheat straw cellulose based fluorescent probe cum bioadsorbents for selective and sensitive alleviation of uranium(VI) in waste water; Journal of Environmental Chemical Engineering	22133437	Yes	Elsevier Ltd

## DETAILS OF PUBLICATIONS

### Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
Devyanshu Sachdev, Kesha Shah, Deeksha Sharma, Gaurav Verma , Navneet Kaur and Omprakash Sahu (2022)	Adsorptive removal of methylene blue dye by extracted banana stem fibers; Materials Today: Proceedings	2214-7853	Elsevier
Mamta Devi, Jyoti Sharma, Urvashi Gupta (2022)	Instability in Casson nanofluids for Darcy-Brinkman model.; IOP Conference Series: Material Science and Engineering	1757-8981	IOP Publication
Surbhi gupta, Jodh Singh, BK Gill (2021)	Numerical and CFD analysis of a heat transfer enhancement in turbulent flow through a circular pipe using nanofluid; IOP Conf. Ser.: Mater. Sci. Eng. 1225 012021	1225 (2022) 012021	IOP publishing
Anupama Thakur †, Neeta Sharma, Alisha Mann (2020)	Removal of ofloxacin hydrochloride and paracetamol from aqueous solutions: Binary mixtures and competitive adsorption; Materials Today: Proceedings	2214-7853	ELSEVIER
Shivam Soni, Jodh singh, BK Gill (2021)	Role of nanofluids as an anti-freezing agent; IOP Conference Series: Materials Science and Engineering, 1225 012049	doi:10.1088/1757-899X/1225/1/012049	IOP Publishing
Gunjan Grover a, Sanjeev K. Verma b, Anupama Thakur a,†, Ipsita Biswas b, Debarati Bhattacharjee (2020)	The effect of particle size and concentration on the ballistic resistance of different shear thickening fluids; Materials Today: Proceedings	2214-7853	Elsevier

**DETAILS OF PUBLICATIONS**  
**Articles Published in Newspapers**

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

**Summary of Research Publications July 1 ,2021 to June 30, 2022**

S.no	Department	Type of Journal	International	National	Others	Total
1	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Peer Review Journals	58	1	0	59
2	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	e-Journals	6	0	0	6
3	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Conference Proceedings	6	0	0	6
4	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Book with ISBN	0	1	0	1
5	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Chapter in a book	6	0	0	6

**RESEARCH SCHEMES**

**Sponsored Research Projects during the Academic Year 2021 - 2022**

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration(in years)	Principal Investigator and Research Team
Electrowave Electronics Pvt Ltd	CSR Industrial Res Project	3770000	509000	Industry Sponsored	2021 - 2026	Sanjeev Gautam
DST International Division (Indo-Austria)	DST/INT/BMWF/Austria/P-03/2020	701000	700000	Major	2021 - Till Date	Prof. Anupama Sharma
DST, Chandigarh	DST, Chandigarh	150000	0	Minor	2019 - Till Date	Dr. Manu Sharma and Dr. Amit Thakur
NTU UK	NTU-PU	1000000	1000000	Projects Sponsored by the University / College	2021 - Till Date	Gaurav Verma
Council for Scientific & Industrial Research (CSIR)	22(0798)/19/ EMR-II	2390520	0	Major	2019 - Till Date	Prof. Anupama Sharma
UGC-IUAC	Radiation induced Interface and magnetic study of ZnFe2O4/ Insulator/Co-Ferrite	674000	72158	Major	2018 - 2021	Dr. Sanjeev Gautam
Department of Science and Technology (DST)	SEED/TIASN/008/2018/G	4703320	1901761	Major	2018 - Till Date	Prof. Anupama Sharma
World Bank	TEQIP-III	1300000	70000000	Major	2017 - Till Date	Prof. Amrit Pal Toor
UGC	SAP	0	11150000	Major	2018 - 0000	Prof. Amrit Pail Toor

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
DST	DST/TMD(EWO)OWUIS-2018/RS-15(G)	5228323	0	Major	2019 - Till Date	Prof. Sonal Singhal
Electrowave Electronics Pvt Ltd	CSR Industrial Res project	3770000	950000	Industry Sponsored	2021 - 2026	Sanjeev Gautam
SERB	Teachers Associateship for Research Excellence (TARE)	825000	275000	Major	2021 - Till Date	Dr. Sanjeev Gautam

### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT

#### Details of Seminars, Conferences, and Workshops organized during the Academic Year

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Sakura Science Online Exchange Program	2021-12-06	2021-12-06	Panjab University, Chandigarh India in collaboration with Yokohama National University, Japan	16
International Conference Of Circular Economy Driving Towards Sustainability	2021-08-19	2021-08-20	Panjab University, Chandigarh India in collaboration with Yokohama National University, Japan	80
Heat Exchangers Expert Talk	2022-03-16	2022-03-16	DRSSBUICET IICHE CRC	50
Expert Talk	2022-05-12	2022-05-12	DRSSBUICET IICHE CRC	50

### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

#### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S. no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Prof. Seema Kapoor	3rd International Conference on Aspects of Materials Science & Engineering	conference	Academic and Research Event	International	Panjab University, Chandigarh	04/03/2022	05/03/2022	Panjab University, Chandigarh
2	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Prof. Seema Kapoor	Indo US International Conference (MSECAI 2022)	conference	Academic and Research Event	International	Punjab	11/03/2022	12/03/2022	Chandigarh University
3	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Prof. Seema Kapoor	International Conference for Sustainable Living & Environment	conference	Academic and Research Event	International	Online Mode by BITS Pilani	14/04/2022	16/04/2022	Birla Institute of Technology & Science Pilani
4	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Prof. Seema Kapoor	National Symposium on Emerging Chemical Sciences with Modern World	symposium	Academic and Research Event	National	Panjab University Chandigarh	11/03/2022	11/03/2022	Department Of Chemistry & Centre Of Advanced Studies In Chemistry Panjab University, Chandigarh

S. no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
5	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Prof. Seema Kapoor	International Conference on Emerging Trends in Science & Technology	conference	Academic and Research Event	International	Punjab Engineering College, Chandigarh	10/06/2022	11/06/2022	Punjab Engineering College (deemed to be University)
6	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Dr Gaurav Rattan	Higher Education : National Policy And Implementation	other	Refresher Course	National	HRDC Panjab University Chandigarh	28/06/2022	11/07/2022	UGC HRDC Panjab University Chandigarh
7	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Dr Sonia Sharma	Higher Education : National Policy And ImplementaTION	workshop	Refresher Course	National	UGC HRDC Panjab University Chandigarh	28/06/2022	11/07/2022	UGC HRDC Panjab University
8	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Prof. Anupama Sharma	APA Bioforum International e-conference on Polymeric Biomaterials & bioengineering	conference	Academic and Research Event	International	online mode	27/08/2021	28/08/2021	APA Bioforum
9	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Prof Urvashi Gupta	MYTHARCHE-Transfiguring Nexgen Perspective	workshop	Social Issues	National	Dr. SSBUI CET, Panjab University, Chandigarh	29/04/2022	29/04/2022	Dr. SSBUI CET, Panjab University, Chandigarh
10	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Maninder Kaur	2nd International Conference on Chemical, Bio & Environmental Engineering	conference	Environment Awareness Event	International	Department of Chemical Engineering, Dr B R Ambedkar National Institute of Technology, Jalandhar, Punjab	20/08/2021	22/08/2021	Chemical Engineering Department, Dr. B.R. Ambedkar NIT, Jalandhar
11	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Maninder Kaur	ICHEEC 2021	conference	Academic and Research Event	International	Department of Chemical Engineering, Dr B R Ambedkar National Institute of Technology, Jalandhar, Punjab	16/09/2021	19/09/2021	Department of Chemical Engineering , Dr B R Ambedkar National Institute of Technology, Jalandhar
12	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Maninder Kaur	International Conference Of Multidisciplinary Aspects Of Materials In Engineering - 2021	conference	Academic and Research Event	International	UIET, Panjab University, Chandigarh	08/10/2021	09/10/2021	University Institute Of Engineering & Technology, Panjab University, Chandigarh
13	Dr SS Bhatnagar University Institute of	Anupama Thakur	CHEMCON-2021	conference	Academic and Research Event	International	Online	26/12/2021	30/12/2021	CSIR - Institute of Minerals and Materials Technology,



S. no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
	Chemical Engg. & Tech.									Bhubaneswar, India
14	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Anupama Thakur	International Chemical Engineering Conference 2021	conference	Academic and Research Event	International	online	16/09/2021	19/09/2021	Dr. B.R. Ambedkar National Institute of Technology, Jalandhar
15	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Anupama Thakur	13th International High Energy Materials Conference and Exhibits-2022	conference	Academic and Research Event	International	TBRL Ranges, Ramgarh, Panchkula, Haryana	26/05/2022	28/05/2022	High Energy Materials Society of India in association with TBRL, Chandigarh
16	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Prof. Seema Kapoor	Webinar on NSS Day Celebrations	webinar	Academic and Research Event	National	Chandigarh	24/09/2021	24/09/2021	NSS, Panjab University
17	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	JODH SINGH	FDP on Recent Trends & Issues in Mechanical Engineering	Professional Development Programmes	Faculty Development Programme	National	Online (GJUST, Hisar, Haryana)	10/01/2022	15/01/2022	Department of Mechanical Engineering, GJUST, Hisar, Haryana, India
18	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	JODH SINGH	Advanced techniques of Material Characterization for Research	Professional Development Programmes	Short-Term Course	National	online	25/10/2021	29/10/2021	Dr. BR Ambedkar NIT Jalandhar (Pb.)
19	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	JODH SINGH	NSS Day celebration	webinar	Environment Awareness Event	National	Online (PU, Chandigarh)	24/09/2021	24/09/2021	NSS, PU Chandigarh
20	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	JODH SINGH	Int. conf.on Progressive Research in Industrial and Mechanical Engineering (PRIME-2021)	conference	Others	International	NIT, Patna, India	05/08/2021	07/08/2021	Department of Mechanical Engineering, NIT Patna
21	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Prof. Seema Kapoor	2022 India Edition of Break the ceiling touch the sky	conference	Academic and Research Event	International	online event	19/04/2022	19/04/2022	House of Rose Professional Pte. Ltd.
22	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Prof. Anupama Sharma	6th International Conference on Bioinspiration and Biobased Materials (International RENDEZ-VOUS)	conference	Academic and Research Event	International	NICE, FRANCE	21/06/2022	23/06/2022	Université Côte d'Azur, Nice, France
23	Dr SS Bhatnagar University Institute of	Prof. Anupama Sharma	Sustainability:Every one's Responsibility	webinar	Academic and Research Event	University	Online mode	15/07/2021	15/07/2021	Panjab University Alumni

S. no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
	Chemical Engg. & Tech.									Association, Chandigarh
24	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Maninder Kaur	Indo-UK International Partnership Development Workshop	workshop	Academic and Research Event	International	Online	05/01/2022	07/01/2022	UKIERI
25	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Dr. Amit Sobti	MYTHARCHE-Transfiguring Nexgen Perspective	workshop	Social Issues	State	Dr. SSBUI CET, Panjab University, Chandigarh	29/04/2022	29/04/2022	Dr. SSBUI CET, Panjab University, Chandigarh
26	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Surinder Singh Bhinder	Higher Education and National Policy and Implementation	workshop	Refresher Course	National	Chandigarh	28/06/2022	11/07/2022	HRDC

### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
NIL	-	-	-	-	-

### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
1	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	

#### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
NIL							

#### 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
1	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Joint Collaboration with Naval Materials Research Lab, DRDO, Ambernath	NMRL, DRDO, Ambernath	Prof. Anupama Sharma	04/06/2022	National	Visit to Ambernath DRDO facility	DST-SEED Grant	04/06/2022
2	Dr SS Bhatnagar University Institute of Chemical	Smart Grid for Sustainable Society	Glasgow Caledonian University, 70 Cowcaddens Road G4 0BA,	Prof. Gaurav Verma	25/12/2021	International	Exploratory Work for going global partnership towards	British Council	31/08/2022

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
	Engg. & Tech.		United Kingdom				"Smart Grid For Sustainable Society"		
3	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Developing Novel 2-D Structured Nano-Virucides For Coating Application	Nottingham Trent University, 50 Shakespeare Street, NG1 4FQ, United Kingdom	Prof. Gaurav Verma	01/07/2021	International	collaborate to develop the NTU-PU Science and Technology Partnership Centre (STPC)	Nottingham Trent University (NTU)	22/01/2023

### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
NIL			

### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
International Women Day	07/03/2022	07/03/2022
Azadi Ka Amrit mahotsav	11/03/2022	11/03/2022
Inauguration Ceremony	29/04/2022	29/08/2022
How to protect plants in summer and Dana Paani for birds.	13/05/2022	13/05/2022
World Environment Day	06/06/2022	06/06/2022

### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

### 7. Number of Patents Published/Awarded

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
1	nanocomposites of rice-straw residue based cellulose nanofibres and VS2 for remediation of lead ions	Preeti Tewetia, Anupama Sharma and Sonal Singhal	10/06/2022	Published	National	
2	6-Axis Robotic Workstation For Laser Engraving	Dr. Asheesh Kumar, Dr. Anil Kumar Yaramala, Dr. Rajkumar E, Dr. Surinder Singh, Dr. SandeepSoni, Dr. M. Pandian, Mr. Dilip Kumar	13/08/2021	Published	National	

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
		Bagal, Dr. M. Edison, Mr. Srinivasa Chari V, Dr. P. Selvakumar,				
3	Smart logistics and transportation using IOT	1. Mr. Manoj Kumar, 2. Dr. Surinder Singh 3) Mr. Praveen B.R 4) Mr. V. Subrahmanyam 5) Dr. Satish Geeri 6) Mrs. Pournima R. Rane 7) Dr. Asheesh Kumar 8) Dr. Chidurala Srinivas 9) Dr. S. Sridevi 10) Dr. Nidhi MB	03/09/2021	Published	National	202111036861
4	Electric vehicle chassis with easily removable battery module replacement	N, Dr. Vinayaka, Sahu, Dr. Santosh Kumar, T Singh, Dr. Surinder, Mr. Balasubramanian, Iam, Mr. Mahmood,	30/11/2021	Published	Others	
5	A Process for Extracting Natural Pigment Gossypol from Cottonseed	Surinder Singh, Surendra Kumar Sharma and Sushil Kumar Kansal	15/09/2021	Granted	International	2021102591
6	Picogrid system with fuse protection	Kulbir Singh, Manjeet Singh, Surinder Singh	07/01/2022	Nil/NA	Others	

#### 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
	NIL					

## ENERGY RESEARCH CENTRE

#### SUMMARY OF PUBLICATIONS

#### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Sheetal Sharma, Shubhi Joshi, Pratibha sharma, Panchali Barman, Jyoti, Avneet Saini (2021)	As a wonderful sensing material, Isothiocyanate based detection of chemical agents; Spectrum of Isothiocyanate Chemistry and its Applications; Nova science publishers	978-1-53619-005-2	International
Jaswal RR, Kaushal K, Joshi S, Sharma P, Sharma S, Preet S, Saini A (2021)	Exploring the Potential of Peptides and Peptidomimetics in Biosensing; Strategies to Overcome Superbug Invasions: Emerging Research and Opportunities; IGI Global	9781799803072	International

## DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Shubhi Joshi, Harmandeep Singh, Avneet Saini, Gaurav Verma (2021)	. Synthesis and characterization of graphene oxide-bovine serum albumin conjugate membrane for absorptive removal of Cobalt (II) from water.; International Journal of Environmental Science and Technology	1735-2630	N	Springer Link
Devyanshu Sachdev, Keshu Shah, Sharma, Deeksha, Gaurav Verma, Kaur. Navneet, Omprakash Sahu (2022)	Adsorptive removal of methylene blue dye by extracted banana stem fibers; Materials Today: Proceedings	2214-7853	N	Elsevier
Manpreet Kaur, Surinder Kumar Mehta, Pooja Devi, Sushil Kumar Kansal (2021) (2021)	Bi2WO6/NH2-MIL-88B(Fe) heterostructure: An efficient sunlight driven photocatalyst for the degradation of antibiotic tetracycline in aqueous medium; Advanced Powder Technology	1568-5527	Y	Elsevier
Prabhsharan Kaur, Gaurav Verma (2022)	Converting Fruit Waste into Carbon dots for Bioimaging Applications; Materials Today Sustainability	2589-2347	N	Elsevier
Anjali Sharma, Mohammad Babar, Prapti Kakkar, Pragati Gahlout, Gaurav Verma (2022)	Correlating mechanical properties of polyurethane-organoclay nanocomposite coatings with processing; Progress in Organic Coatings	1873-331X	N	Elsevier
Mohammad Babar, Anjali Sharma, Prapti Kakkar, Aman Arora, Tamanna Arora, Gaurav Verma (2022)	Correlating thermal properties of polyurethane/clay nanocomposite coatings with processing; Progress in Organic Coatings	0300-9440	Y	Elsevier
Mohammad Babar, Anjali Sharma, Prapti Kakkar, Aman Arora, Tamanna Arora, Gaurav Verma (2022)	Correlating thermal properties of polyurethane/clay nanocomposite coatings with processing.; Progress in Organic Coatings	ISSN: 1873-331X	N	Elsevier
Manpreet kaur, Preeti Tewatia, Gaurav Rattan, Sonal Singhal, Anupama Kaushik (2021)	Diamidoximated cellulosic bioadsorbents from hemp stalks for elimination of uranium (VI) and textile waste in aqueous systems; Journal of Hazardous Materials	03043894	Y	Elesvier
Mamta Devi, Jyoti Sharma, Urvashi Gupta. (2022)	Effect of internal heat source on Darcy-Brinkman convection in a non-Newtonian Casson nanofluid layer.; Journal of Porous Media	1934-0508	Y	Begell House
Kavita Sharma Manpreet Kaur Gaurav Rattan Anupama Kaushik (2022)	Effective biocatalyst developed via genipin mediated acetylcholinesterase immobilization on rice straw derived cellulose nanofibers for detection and bioremediation of organophosphorus pesticide; Colloids and Surfaces A: Physicochemical and Engineering Aspects	09277757	Y	Elsevier
Prabhsharan Kaur, Da-Eun Kim, Gaurav Verma, Jin-	Facile and scalable functionalization of carbon nanofibers for ORR: Role of nitrogen precursor and	1226-086X	N	ELSEVIER

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Soo Park, Satpal Singh Sekhon (2021)	non-ionic dispersant.; Journal of Industrial and Engineering Chemistry 2021.96, 307-14			
Guliani, D., Sobti, A., & Toor, A. P. (2022)	itania impregnated mesoporous MCM-48 as a solid photo-catalyst for the synthesis of methyl palmitate: Reaction mechanism and kinetics.; Renewable Energy	0960-1481	Y	Elsevier
Shushant Shukla, Urvashi Gupta. (2022)	LTNE effects on triple-diffusive convection in nanofluids.; Journal of Heat Transfer	1528-8943	Y	ASME Publication
Nasir Awol, Chernet Amente, Gaurav Verma, Jung Young Kim (2021)	Morphology and surface analyses for CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> perovskite thin films treated with versatile solvent–antisolvent vapors; RSC Advances	17789-17799	N	RSC
Jeevanpreet Kaur , Urvashi Gupta, (2022)	Nonlinear analysis for thermal convection in Oldroyd-B nanofluids with zero nanoparticle flux on the boundaries.; Indian Journal of Physics	0973-1458	Y	Springer
Jaspreet Kaur, Gajanand Sharma, Akanksha Mahajan, Sanjay Kumar Bhadada, OP katare, Gargi Ghoshal (2021)	Role of Cissus quadrangularis in the Management of Osteoporosis: An Overview; Critical Reviews™ in Therapeutic Drug Carrier Systems	2162-660X	Y	Begellhouse
Prreti Tewatia Vijay Kumar sharmistha Samota Sonal Singhal Anupama kaushik (2022)	Sensing and annihilation of ultra-trace level arsenic (III) using fluoranthene decorated fluorescent nanofibrous cellulose probe; journal of hazardous materials	0304-3894 / 1873-3336	Y	ELSEVIER
S. Joshi, H. Singh, S. Sharma, P. Barman, A. Saini & G. Verma (2021)	Synthesis and characterization of graphene oxide-bovine serum albumin conjugate membrane for adsorptive removal of Cobalt(II) from water; International Journal of Environmental Science and Technology	1735-2630	Y	Springer
Kamini Turan, Prabhsharan Kaur, Gaurav Verma (2021)	Synthesis of conductive Polyaniline-Carbon Nanofiber Nanocomposite - with chenille like morphology for photocatalytic coatings applications.; Progress in Organic Coatings	1873-331X	N	Elsevier
Deepender Kaushik, Manpreet Kaur, Vishal Mutreja, Sushil K. Kansal, Deepak B. Salunke (2022)	Synthesis of quinoline based molecular probes for detection of nitric oxide; Dyes and Pigments	1873-3743	Y	Elsevier
Preeti Tewatia Manpreet kaur sonal singhal Anupama kaushik (2021)	Wheat straw cellulose based fluorescent probe cum bioadsorbents for selective and sensitive alleviation of uranium(VI) in waste water; Journal of Environmental Chemical Engineering	2213-2929 / 2213-3437	Y	ELSEVIER

## DETAILS OF PUBLICATIONS

### Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
Mamta Devi, Jyoti Sharma, Urvashi Gupta. (2022)	Instability in Casson nanofluids for Darcy-Brinkman model.; IOP Conference Series: Material Science and Engineering	1757-8981	IOP Publication

**DETAILS OF PUBLICATIONS**  
**Articles Published in Newspapers**

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

**Summary of Research Publications July 1 ,2021 to June 30, 2022**

S.no	Department	Type of Journal	International	National	Others	Total
1	Energy Research Centre	Peer Review Journals	13	1	0	14
2	Energy Research Centre	e-Journals	8	0	0	8
3	Energy Research Centre	Conference Proceedings	1	0	0	1
4	Energy Research Centre	Chapter in a book	2	0	0	2

**RESEARCH SCHEMES**

**Sponsored Research Projects during the Academic Year 2021 - 2022**

Sponsor Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration(in years)	Principal Investigator and Research Team
NIL					

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT**

**Details of Seminars, Conferences, and Workshops organized during the Academic Year**

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
NIL				

**CONFERENCE/ SYMPOSIA/ WORKSHOP/ FACULTY DEVELOPMENT PROGRAMME (ATTENDED BY THE FACULTY)**

**Details of Conference/ Symposia/ Workshop/ Faculty Development Programme (Attended by the faculty) during the Academic Year 2021 - 2022**

Name of the Faculty	Theme	Place	From Date	To Date	Online/ Offline	Financial Assistance (in Rs.)
Urvashi Gupta	MYTHARCHE-Transfiguring NexGen Perspective	Dr. SSBUI CET, Panjab University, Chandigarh	29/04/2022	29/04/2022	Offline	0

**Ph.D. Awards**

**Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022**

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	Energy Research Centre	Aarsee Dhindsa	Experimental Studies On Hydrodynamics And Mass Transfer From Nanofluid Drops In A Liquid Liquid Extraction Column	2022-04-26	Prof. Amrit Pal Toor Dr. SSBUI CET Prof. R.K.Wanchoo Dr. SSBUI CET

**MISCELLANEOUS**

**Any other noteworthy achievement of the department during this Academic Year 2021 - 2022**

S.no	Department	Achievement
1	Energy Research Centre	

**1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities**

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
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NIL

**2. Details of Collaborative activities**

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
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NIL

**3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022**

Facilities	Existing	Newly Created/Added	Total
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NIL

**4. Details of Extracurricular Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
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NIL

**5. Activities to celebrate / organize national and international commemorative days, events and festivals**

Title of Event	From Date	To Date
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- |                                     |            |            |
|-------------------------------------|------------|------------|
| 1. How to protect Plants in Summer. | 15/05/2022 | 15/05/2022 |
| 2. World Environment Day            | 06/06/2022 | 06/06/2022 |

**6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
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NIL

**7. Number of Patents Published/Awarded**

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
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NIL

**8. Revenue generated through consultancy**

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
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NIL

**UNIVERSITY INSTITUTE OF ENGINEERING & TECHNOLOGY**

**SUMMARY OF PUBLICATIONS**

**PUBLICATIONS**

**DETAILS OF PUBLICATIONS**

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Amandeep Verma (2022)	A Modified Feature Optimization Approach with Convolutional Neural Network for Apple Leaf Disease Detection; Lecture Notes in Networks and Systems; Springer	978-3-030-96299-9	International
Mandeep Kaur, Mridual (2021)	A Review of Deepfake Technology: An Emerging AI Threat; In: Ranganathan G., Fernando X., Shi F., El	Online ISBN 978-981-16-5301-8	International



<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISBN Number</b>	<b>State/ National/ International</b>
	Allioui Y. (eds) Soft Computing for Security Applications. Advances in Intelligent Systems and Computing, vol 1397. Springer; Springer		
Puneet Jai Kaur (2022)	Analysis of Various Security Schemes of Internet of Things; Lecture Notes in Networks and Systems; Springer	978-981-19-0097-6	International
Jyoti Sharma (2021)	Application of Differential Equations to Instability of Nanofluids; Differential Equations in Engineering: Research and Applications (1st ed.); CRC Press	ISBN: 9781003105145	International
A Sharma, SK Arya (2021)	Bio-Inspired Self-Healable Materials; Self-Healing Smart Materials and Allied Applications; John Wiley & Sons, Inc.	9781119710158, 9781119710219	International
A Sharma, SK Arya (2021)	Bio-Inspired Self-Healable Materials; Self-Healing Smart Materials and Allied Applications; John Wiley & Sons, Inc.	978-1-119-71015-8	International
Hema Setia (2022)	Biological Control of Agricultural Pests: A Step Towards Greener Remedies; Microbes for Humanity and its Applications; Daya Publishing House	978-93-5461-397-5 (HB)	National
Lubhan Cherwoo, Ishika Gupta, Geetika Sharma, Nainpriya Babbar, Hema Setia and Ranjana Bhatia (2022)	Biological control of Agricultural Pests: A step Towards Greener Remedies; Microbes for Humanity and its Applications; Daya Publishing House	ISBN : 978-93-5461-397-5 (HB)	National
Neelam Goel (2022)	Boundary exon prediction in human sequences using external information sources; Handbook of Intelligent Computing and Optimization for Sustainable Development; Wiley	9781119792642	International
Prof. Amrinder Pal Singh (2022)	Case Study for the Development of a Hybrid Composite Structure of Thermosetting and Thermoplastics; Additive Manufacturing for Plastic Recycling; CRC Press	978003184164	International
Inderdeep Kaur Aulakh (2022)	Clustering Protocol Based on Game Theory in Heterogeneous Wireless Sensor Networks; Lecture Notes in Networks and Systems; Springer Nature	2367-3370	International
Neha, Aarti Kochhar, Naresh Kumar (2021)	Efficient Channel Estimation in mm Wave Massive MIMO Using Hybrid Beamforming; Lecture Notes in Networks and Systems book series (LNNS, volume 329); Springer	2367-3389	International
J Kaushal, G Singh, SK Arya (2022)	Emerging trends and future prospective and enzyme technology; Value-Addition in Food Products and Processing Through Enzyme Technology; Academic Press (Elsevier)	978-0-323-89929-1	International
Mandeep Kaur, Poonam (2021)	Empirical Evaluation of Motion cue for Passive – Blind Video Tamper Detection Using Optical flow Technique; Algorithms for intelligent systems through International Joint conference on Advances	2524-7565	International

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
	in Computational Intelligence IJCACI 2021.; Springer		
A Sharma, SK Arya (2020)	Jatropha: A potential bioresource for biofuel production; Biofuel Production-Sustainability and Advances in Microbial Bioresources; Springer	978-3-030-53932-0	International
A Sharma, SK Arya (2020)	Micobial biofuel and their impact on environment and agriculture; Biofuel Production-Sustainability and Advances in Microbial Bioresources; Springer	978-3-030-53932-0	International
Preeti Singh, Pardeep kaur (2021)	Plant leaf disease classification using deep Convolutional neural network with Bayesian learning; Materials Today: Proceedings(2021); SCIENCE DIRECT	2214-7853	International
Neelam Goel (2022)	Predicting Survivability in Oral Cancer Patients; Algorithms for Intelligent Systems; Springer	978-981-16-6332-1	International
Harvinder Kaur (2022)	Recent advances in wearable antennas: A survey; IIOT: Intelligent analytics for predictive manitenance; Wiley	-	International
Mandeep Kaur, Shehnaz (2021)	Texture Feature Analysis for Inter-Frame Video Tampering Detection,; Proceedings of International joint conference on Advances in computational Intelligence(IJCACI 2021) Springer Book Chapter 22 : Algorithms for Intelligent Systems; Springer	2524-7565	International
A Sharma, SK Arya (2022)	The potential of biosurfactant for improving the bioavailability of nutrient for beneficial plant-associated microbes; Applications of Biosurfactant in Agriculture; Academic Press (Elsevier)	978-0-12-822921-7	International
V. Kanwar,Higinio Ramos,Anurag Kaur (2021)	Using a cubic B-spline method in conjunction with a one-step optimized hybrid block approach to solve nonlinear partial differential equations; Computational and Applied Mathematics; Springer	41, Article number: 34 (2022)	International
Neeraj Sharma (2022)	WDM Systems: An Insight; Handbook of Research on Evolving Designs and Innovation in ICT and Intelligent Systems for Real-World Applications; IGI	9781799897958	International
Aarti Kochhar, Naresh Kumar (2021)	WSN sensor deployment and sampling: Role of dynamics; Intelligent Circuits and Systems; CRC Press	--	International

#### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Renu Thapar (2021)	"A highly stereoselective oxidation and an easy one pot elimination methodology for 3-allyl-3-phenylthio- $\beta$ -lactams"; Journal of Sulfur Chemistry	1741-5993	Yes	Taylor and Francis

"Sunil Bansal(Belle and Belle II collaborations)" (2022)	"Combined analysis of Belle and Belle II data to determine the CKM angle $\phi_3$ using $B^+ \rightarrow D(Ks^0 h^+ h^-)h^+$ decays"; "Journal of HighEnergy Physics"	1029-8479	Yes	Springer
Sunil Bansal (CMS Collaboration) (2022)	"Measurement of the production cross section for $Z + b$ jets in proton- proton collision at $\sqrt{s} = 13$ TeV"; "Physical Review D"	2470-0029	Yes	"APS Physics"
"Sunil Bansal(Belle II Collaboration)" (2021)	"Precise Measurement of the $D^0$ and $D^+$ Lifetimes at Belle II"; "Physical Review Letters"	1079-7114	Yes	"APS Physics"
"Sunil Bansal(Belle II Collaboration)" (2021)	"Search for $B^+ \rightarrow K^+ \nu \bar{\nu}$ Decays Using an Inclusive Tagging Method at Belle II"; "Physical Review Letters"	1079-7114	Yes	"APS Physics"
Sunil Bansal (2021)	"Simulation of two-body decay of a particle and radioactive equilibrium states"; "Physics Education"	319120	Yes	IOP Science
Sunil Bansal (CMS Collaboration) (2021)	"Study of $Z$ boson plus jets events using variables sensitive to double-parton scattering in $pp$ collisions at 13 TeV"; "Journal of HighEnergy Physics"	1029-8479	Yes	Springer
Prof. Amrinder Pal Singh (2022)	3D printed sensor for online condition monitoring of energy storage device; Indian Academy of Sciences	0253-4142 / 0973-7685	Yes	SPRINGER INDIA
Prof Gurdeep Singh (2021)	A comprehensive survey of DDoS defense solutions in SDN: Taxonomy, research challenges, and future directions; Computers & Security	0167-4048	Yes	Elsevier
Nabi ST, Kumar M, Singh P, Aggarwal N, Kumar K (2022)	A comprehensive survey of image and video forgery techniques: variants, challenges, and future directions; Multimedia Systems., , 939–992 , 2022	ISSN	Yes	Springer
Nitish Mahajan, Amita Chauhan, Harish Kumar, Sakshi Kaushal and Arun Kumar Sangaiah (2022)	A Deep Learning Approach to Detection and Mitigation of Distributed Denial of Service Attacks in High Availability Intelligent Transport Systems; Journal of Mobile Networks and Applications, April 2022	ISSN	Yes	Springer
Archana Goyal, Vishal Gupta and Manish Kumar (2022)	A deep learning-based bilingual Hindi and Punjabi named entity recognition system using enhanced word embeddings; Knowledge-Based Systems, Elsevier	ISSN	Yes	Springer
Neelam Goel (2022)	A deep learning-based integrative model for survival time prediction of head and neck squamous cell carcinoma patients; Neural Computing and Applications	433-3058	Yes	springer
Payal Mittal, Akashdeep Sharma, Raman Singh (2022)	A Feature Pyramid based Multi-Stage Framework for Object Detection in Low-Altitude UAV Images.,; International Journal on Artificial Intelligence Tools	ISSN	Yes	Springer
Ravinder Kaur, MamtaJuneja, Arup Kumar Mandal (2021)	A Feature Reduced Intrusion Detection System with Optimized SVM Using Big Bang Big Crunch Optimization; Biomedical Signal Processing and Control	ISSN	Yes	Springer

Mohit Nagpal, Akashdeep Sharma, Manisha Kaushal (2022)	A Feature Reduced Intrusion Detection System with Optimized SVM Using Big Bang Big Crunch Optimization,; Wireless Personal Communications, 122, pages 1939–1965 (2022)	ISSN	Yes	Springer
Inderdeep Kaur Aulakh (2022)	A game theory-based clustering and multi-hop routing scheme in wireless sensor networks for energy minimization; International Journal of Communication Systems	1099-1131	Yes	John Wiley & Sons Ltd
Akhil Kumar, Arvind Kalia, Akashdeep Sharma, Manisha Kaushal (2022)	A Hybrid Tiny YOLO v4 SPP Module based Improved Face Mask Detection Vision System,; Journal of Ambient Intelligence and Humanized Computing, Springer.	ISSN	Yes	springer
G. Bawa, A. Sharma, H. Kumar, P. Agarwal and V. Mangat (2022)	A Hybrid V2S Scheme for Burned Area Identification with Agriculture Fire; IEEE, 8th International conference on Advanced Computing and Communication Systems (ICACCS), 2022	ISSN	Yes	Springer
J Kaushal, M Khatri, G Singh, S K Arya (2021)	A multifeceted enzyme conspicuous in fruit juice clarification: An elaborate review on xylanase; Internation journal of biological macromolecules	0141-8130	No	Elsevier
Inderdeep Kaur Aulakh (2022)	A Multipath Routing Algorithm Based On Aodv Broadcast Mechanism And Propagation-Based Learning; Journal of East China University of Science and Technology	1006-3080	Yes	East China University of Science and Technology
R Malhotra, BS Saini, S Gupta (2022)	A novel compound-based loss function for glioma segmentation with deep learning,; Optik	ISSN	Yes	Springer
Monika Rani, Sakshi Kaushal (2022)	A novel framework for multiclass supervised classification of location-sensitive events; Multimedia Tools and Applications, pp. 1-26 IF 2.75	ISSN	Yes	springer
Saurabh Sharma, Vishal Gupta and Mamta Juneja (2022)	A novel unsupervised multiple feature hashing for image retrieval and indexing (MFHIRI); Journal of Visual Communication and Image Representation, Elsevier	ISSN	Yes	Springer
Animesh Singh, Sunil Kr Singh, Ajay Mittal (2022)	A Review on Dataset Acquisition Techniques in Gesture Recognition from Indian Sign Language; Advances in Data Computing, Communication and Security	ISSN	Yes	Springer
Animesh Singh, Sunil Kr Singh, Ajay Mittal (2022)	A Review on Dataset Acquisition Techniques in Gesture Recognition from Indian Sign Language; Advances in Data Computing, Communication and Security	ISSN	Yes	springer
Ojasvini Ahluwalia, Poonam C Singh, Ranjana Bhatia (2021)	A review on drought stress in plants: Implications, mitigation and the role of plant growth promoting rhizobacteria; Resources, Environment and Sustainability	2666-9161	Yes	Elsevier
G Singh, SK Arya (2021)	A review on management of rice straw by use of cleaner technologies: Abundant opportunities and expectations for Indian farming; Journal of Cleaner Production	0959-6526	No	Elsevier

Krishan Kumar (2022)	A review on Virtualized Infrastructure Managers with management and orchestration features in NFV architecture; Computer Networks	Nil	Yes	Elsevier
Veenu Mangat (2022)	A review on Virtualized Infrastructure Managers with management and orchestration features in NFV architecture; Computer Networks	1389-1286	Yes	Elsevier
Mukesh Dalal, MamtaJuneja (2021)	A secure video steganography scheme using DWT based on object tracking; Information Security Journal: A Global Perspective	ISSN	Yes	Taylor and Francis
Mukesh Dalal, MamtaJuneja (2021)	A survey on information hiding using video steganography; Artificial Intelligence Review	ISSN	Yes	Springer
J Kaushal, M Khatri, SK Arya (2021)	A treatise on Organophosphate pesticide pollution: Current strategies and advancements in their environmental degradation and elimination; Ecotoxicology and Environmental Safety	0147-6513	No	Academic Press
H Singh, A Jain, J Kaur, SK Arya, M Khatri (2020)	Adsorptive removal of oil from water using SPIONs-chitosan nanocomposite: kinetics and process optimization; Applied Nanoscience	2190-5517	No	Springer
Bhardwaj, S. K., Singh, H., Khatri, M., Kim, K. H., & Bhardwaj, N. (2022)	Advances in MXenes-based optical biosensors: A review.; Biosensors and Bioelectronics	0956-5663	Yes	Elsevier
Azzouz, A., Hejji, L., Kim, K. H., Kukkar, D., Souhail, B., Bhardwaj, N., ... & Zhang, W. (2022)	Advances in surface plasmon resonance-based biosensor technologies for cancer biomarker detection; Biosensors and Bioelectronics	0956-5663	Yes	Elsevier
Ali reza Sina and Damanjeet Kaur (2021)	An Accurate Hybrid Approach for Electric Short-Term Load Forecasting; Taylor and Francis	978-1-880124-61-1	No	Taylor and Francis
Vipasha Abrol, Sabrina Dhalla, Savita Gupta, Sukhwinder Singh, Ajay Mittal (2022)	An Automated Segmentation of Leukocytes Using Modified Watershed Algorithm on Peripheral Blood Smear Images; Proceedings of international conference on women researchers in electronics and computing	ISSN	Yes	Springer
Krishan Kumar (2022)	An efficient approach for copy-move image forgery detection using convolution neural network; Multimedia Tools and Applications	Nil	Yes	Springer
A Kad, A Pundir, SK Arya, N Bhardwaj, M Khatri (2020)	An elucidative review to analytically sieve the viability of nanomedicine market; Journal of Pharmaceutical Innovation	1939-8042	No	Springer
Naresh Kumar, Manoj Sharma, Vijay Pal Singh, Charanjeet Madan, Seema Mehandia (2022)	An empirical study of handcrafted and dense feature extraction techniques for lung and colon cancer classification from histopathological images; Biomedical Signal Processing and Control	1746-8094	Yes	Elsevier
H Chen, H Singh, N Bhardwaj, S K Bhardwaj, M Khatri,	An exploration on the toxicity mechanisms of phytotoxins and their potential utilities; Critical Reviews in Environmental Science and Technology	1064-3389	No	Taylor and Francis

K H Kim, W Peng (2022)					
Ravneet Kaur, Sarbjeet Singh and Harish Kumar (2022)	An Intrinsic Authorship Verification Technique for Compromised Account Detection in Social Networks Soft Computing; Journal of Soft Computing	ISSN	Yes	Springer	
Ritika Dhaneshwar, Mandeep Kaur , Manvjeet Kaur , Ritika (2021)	An investigation of latent fingerprinting techniques; Egyptian Journal of Forensic Sciences	2090-5939	Yes	Springer	
Dr. Parveen Goyal (2022)	Analysis of additive manufacturing techniques used for maxillofacial corrective surgeries; Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	0954-4062 / 2041-2983	Yes	Sage Publications Ltd , 1 Olivers Yard, 55 City Road, London, England, EC1Y 1SP	
Krishan Kumar (2022)	Analysis of DDoS Attacks in Software Defined Networking; 2022 IEEE Delhi Section Conference (DELCON)	nil	Yes	IEEE	
Raj Kumar, Shashi Bala& Arvind Kumar (2021)	Analytical Modelling and Simulation Analysis of Junctionless Nanotube (JL NT) MOSFET; Transactions On Electrical And Electronic Materials	(1229-7607)	Yes	Springer	
Kumar G., Agrawal S. (2021)	Ant Lion Optimizer for Suppression of Ambipolar Conduction in Schottky Barrier Carbon Nanotube Field Effect Transistors; Silicon	1876-990X	Yes	Springer	
Aishani Wadhawan, Joga Singh, Himani Sharma, Shristi Handa, Gurpal Singh, Ravinder Kumar, Ravi Prata (2022)	Anticancer Biosurfactant-Loaded PLA-PEG Nanoparticles Induce Apoptosis in Human MDA-MB-231 Breast Cancer Cells; ACS Omega	2470-1343 (print); 2470-1343 (web)	No	American Chemical Society	
G Singh, SK Arya, M Bibra, A Bhalla, A Aggarwal, J Singh (2022)	Antimicrobial potential of ozone for the storage of grains: special focus on inhibition of bacterial contamination; Archives of Phytopathology and Plant Protection	0323-5408	No	Taylor and Francis Ltd.	
Dr. Parveen Goyal (2022)	Application of graphite rods in producing Inconel-625 (UNS N06625) joints through the use of microwave radiation energy; Indian Journal of Engineering and Materials Sciences	0971-4588 / 0975-1017	Yes	NATL INST Science Communication-Niscair , Dr K S Krishnan Marg, Pusa Campus, New Delhi, India, 110 012	
V Sharma, H Singh, S Guleria, N Bhardwaj, S Puri, S K Arya, M Khatri (2022)	Application of supermagnetic iron oxide nano particle(SPIONs) for heavy metal adsorption: A 10 year meta analysis; Environmental nanotechnology, Monitoring and management	2215-1532	No	Elsevier	

N Kaur, P Bhardwaj, G Singh, SK Arya (2021)	Applicative Insights on Nascent Role of Biochar Production, Tailoring and Immobilization in Enzyme Industry-A Review; Process Biochemistry	1359-5113	No	Elsevier
N Kaur, P Bhardwaj, G Singh, SK Arya (2021)	Applicative Insights on Nascent Role of Biochar Production, Tailoring and Immobilization in Enzyme Industry-A Review; Process Biochemistry	1359-5113	No	Elsevier
Veenu Rani, Munish Kumar, Ajay Mittal, Krishan Kuma (2022)	Artificial Intelligence for Cybersecurity: Recent Advancements, Challenges and Opportunities; Robotics and AI for Cybersecurity and Critical Infrastructure in Smart Cities	978-3-030-96736-9	Yes	Springer
Naresh Kumar (2022)	Assessment of Fine Particulate Matter for Port City of Eastern Peninsular India Using Gradient Boosting Machine Learning Model; Atmosphere	2073-4433	Yes	MDPI
Ajay Mittal, Sabrina Dhalla, Savita Gupta, Aastha Gupta (2022)	Automated analysis of blood smear images for leukemia detection: a comprehensive review; ACM Computing Surveys (CSUR)	issn	Yes	Springer
A Mittal, S Dhalla, S Gupta, A Gupta (2022)	Automated analysis of blood smear images for leukemia detection: a comprehensive review; ACM Computing Surveys (CSUR)	issn	Yes	Springer
K Kanwar, S Kaushal, H Kumar, G Gupta, M Khari (2022)	BC DCN : a new edge centrality measure to identify and rank critical edges pertaining to SIR diffusion in complex networks; Social Network Analysis and Mining	issn	Yes	Springer
A Sharma, G Singh, SK Arya (2021)	Biofuel cell nanodevices; Internation Journal of Hydrogen Energy	0360-3199	No	Pergamon
A Sharma, G Singh, SK Arya (2021)	Biofuel cell nanodevices; Internation Journal of Hydrogen Energy	0360-3199	No	Pergamon
A Sharma, G Singh, SK Arya (2020)	Biofuel from rice straw; Journal of Cleaner Production	0959-6526	No	Elsevier
υ Apoorva Bangroo, Akshay Malhotra, Uttam Sharma, Aklank Jain & Anupreet Kaur (2021)	Biosynthesis of Zinc Oxide Nanoparticles Using Catharanthus roseus Leaves and Their Therapeutic Response in Breast Cancer; Nutrition and Cancer	0163-5581	Yes	Taylor & Francis Routledge
V Handa, D Sharma, A Kaur, SK Arya (2020)	Biotechnological applications of microbial phytase and phytic acid in food and feed industries; Biocatalysis and Agricultural Biotechnology	1878-8181	No	Elsevier
Hema Kumari Alajangi, Mandeep Kaur, Akanksha Sharma, Sumedh Rana, Shipali Thakur, Mary Chatterjee, Ne (2022)	Blood-brain barrier: emerging trends on transport models and new-age strategies for therapeutics intervention against neurological disorders; Molecular Brain	1756-6606	No	BioMed Central
S Jain , M Nehra, N Dilbaghi, R Kumar, S Kumar, (2022)	Boric-acid-functionalized luminescent sensor for detection of chromate ions in aqueous solution; Materials Letters	0167-577X	Yes	Elsevier

Ekta Jain, Kalpana Dahiya, Vanita Verma (2022)	Branching technique for a bi-objective two stage assignment problem; ANZIAM Journal	1446-1811 (Print), 1446-8735 (Online)	Yes	Cambridge Press
Navdeep Kaur, Ajay Mittal (2022)	CADxReport: Chest x-ray report generation using co-attention mechanism and reinforcement learning; Computers in Biology and Medicine, Vol 145,	issn	Yes	Springer
Neelam Goel (2022)	Computational Intelligence-Based Method for Automated Identification of COVID-19 and Pneumonia by Utilizing CXR Scans; Computational Intelligence and Neuroscience	1687-5265	Yes	Hindawi
Krishan Kumar (2022)	COVID-19: Social distancing monitoring using faster-RCNN and YOLOv3 algorithms; Multimedia Tools and Applications	Nil	Yes	Springer
Monika Nehra , Virendra Kumar , Rajesh Kumar , Neeraj Dilbaghi , Sandeep Kumar (2022)	Current Scenario of Pathogen Detection Techniques in Agro-Food Sector; Biosensors	2079-6374	Yes	Multidisciplinary Digital Publishing Institute (MDPI)
R Chaudhary, T Kuthiala, G Singh, S Rarotra, A Kaur, SK Arya, P Kumar (2021)	Current status of xylanase for biofuel production: a review on classification and characterization; Biomass Conversion and Biorefinery	2190-6823	No	Springer
R Chaudhary, T Kuthiala, G Singh, S Rarotra, A Kaur, SK Arya, P Kumar (2021)	Current status of xylanase for biofuel production: a review on classification and characterization; Biomass Conversion and Biorefinery	2190-6823	No	Springer
S Mehandia, S Ahmad, SC Sharma, SK Arya (2022)	Decolorization and detoxification of textile effluent by immobilized laccase-ACS into chitosan-clay composite beads using a packed bed reactor system: An ecofriendly approach; Journal of Water Process Engineering	2214-7144	No	Elsevier
Dr. Prashant Jindal (2022)	Deep learning-based classification network for glaucoma in retinal images; Computers and Electrical Engineering	0045-7906 / 1879-0755	Yes	Pergamon-Elsevier Science LTD
Mahak Gambhir and Vishal Gupta (2022)	Deep learning-based extractive text summarization with word-level attention mechanism; Multimedia Tools and Applications, Springer	issn	Yes	Springer
Jyoti Sood (2022)	Density Fluctuations in Liquid Potassium; Materials Today Proceedings	ISSN: 2214-7853	Yes	Elsevier
Dr.Parveen Goyal (2022)	Design and heat transfer performance analysis of mini-channel heat sink with water, EG and EG20 based nanofluids-computational approach; International Journal on Interactive Design and Manufacturing (IJIDeM	1955-2513 / 1955-2505	Yes	Springer Heidelberg , Tiergartenstrasse 17, Heidelberg, Germany, D-69121
Harvinder Kaur (2022)	Design and Performance analysis of wearable antenna for ISM band applications; International journal of electronics	13623060	No	Talyor and francis



Shuchi Gupta (2021)	Designing an efficient bifunctional electrocatalyst heterostructure; Chemical Communications	1359-7345	Yes	RSC
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Mukesh Dalal, MamtaJuneja (2021)	Steganography and Steganalysis (in digital forensics): a Cybersecurity guide; Multimedia Tools and Applications	issn	Yes	Springer
Bamrah, A., Singh, H., Singh, S., Bhardwaj, S. K., Khatri, M., Deep, A., & Bhardwaj, N. (2022)	Surface-functionalized fluorescent carbon dots (CDs) for dual-mode detection of lead ions.; Chemical Papers	3666352	Yes	Springer Nature
J. K. Goswamy, Mamta Sharma (2022)	Synthesis and characterization of WO <sub>3</sub> -SnO <sub>2</sub> /rGO nanocomposite for Propan-2-ol sensing; Sensors International	2666-3511	Yes	Elsevier
P Kaur, G Singh, SK Arya (2022)	Tandem catalytic approaches for lignin depolymerization: a review; Biomass Conversion and Biorefinery	2190-6823	No	Springer
S. Mahajan, Y.P. Verma (2021)	Techno-Economic Analysis of Increasing PV-Wind based DG Penetration in Sub-Transmission System; iop Conference Series: Materials Science and Engineering, 1033(1)	1033	No	IOP Conference Series: Materials Science and Engineering, 1033(1)
P.K. Nanda (2022)	Temperature controlled synthesis and transformation of dinuclear to hexanuclear zinc complexes of a benzothiazole based ligand: Coordination induced fluorescence enhancement and quenching; Journal of Molecular Structure	ISSN: 0022-2860	Yes	Elsevier
T Kuthiala, K Thakur, D Sharma, G Singh , M Khatri , S. K Arya (2022)	The eco- friendly approche of cocktail enzyme in agricultural waste treatment. A comperihensive review; International journal of biological macromolecules	0141-8130	No	Elsevier
Ovleen Kour & Minakshi Garg (2021)	The genomic landscape of lung adenocarcinoma-insights towards personalized medicine; Proceedings of the Indian National Science academy	0370-0046	Yes	INSA & Springer
Aggarwal Nikita, Barjinder Singh Saini, Savita Gupta (2021)	The impact of clinical scales in Parkinson's disease: a systematic review; The Egyptian Journal of Neurology, Psychiatry, and Neurosurgery	ISSN	Yes	Springer
J Kaur, I S Sohal, H Singh, N K Gupta, S Sehrawat, S Puri, D Bello, M Khatri (2022)	Toxicity screening and ranking of diverse engineered nanomaterials using established hierarchical testing approaches with a	2051-8161	No	Royal society of chemistry

	complementary in vivo zebrafish model; Environmental Science: Nano			
Monika Bansal, Munish Kumar, Monika Sachdeva, Ajay Mittal (2022)	Transfer learning for image classification using VGG19: Caltech-101 image data set; Journal of Ambient Intelligence and Humanized Computing	ISSN	Yes	Springer
Monika Nehra, Kanika, Neeraj Dilbaghi, Rajesh Kumar, Sandeep Kumar (2022)	Trends in point-of-care optical biosensors for antibiotics detection in aqueous media; Materials Letters	0167-577X	Yes	Elsevier
Nishima (2022)	Ultrasensitive aptasensor for arsenic detection using quantum dots and guanlylated Poly(methacrylamide); Analytica Chimica Acta	0003-2670	Yes	Elsevier
Nishima (2022)	Understanding tyrosine self-assembly: from dimer assembly to magnetized fluorescent nanotubes embedded into PVA films; Materials Advances	2633-5409	Yes	RSC
Krishan Kumar (2022)	Unveiling digital image forgeries using Markov based quaternions in frequency domain and fusion of machine learning algorithms; Multimedia Tools and Applications	Nil	Yes	Springer
Krishan Kumar (2022)	Using XAI for Deep Learning-Based Image Manipulation Detection with Shapley Additive Explanation; Symmetry	Nil	Yes	MDPI
S K Bhardwaj, H Singh, A Deep, M Khatri, K H Kim, N Bhardwaj (2021)	UVC radiation for food safety:An emerging technology for the disinfection of food products; Chemical engineering journal	1385-8947	No	Elsevier
Bhardwaj, S. K., Singh, H., Deep, A., Khatri, M., Bhaumik, J., Kim, K. H., & Bhardwaj, N. (2021)	UVC-based photoinactivation as an efficient tool to control the transmission of coronaviruses.; Science of The Total Environment	489697	Yes	Elsevier
Preeti Gupta, Y P Verma (2021)	Voltage profile improvement using demand side management in distribution networks under frequency linked pricing regime; Applied Energy, Volume 295, pages 117053	ISSN: 0306-2619	No	Applied Energy, Volume 295, pages 117053
Akshpreet Kaur, Ankur Gupta, Cuifeng Ying, Mohsin Rehmani, Gaurav Sapra (2011)	Wearable human motion monitoring using vertical contact separation mode triboelectric nano generator; IOP Science	1757-899X	No	IOP Science

## DETAILS OF PUBLICATIONS

### Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
Preeti Gupta and Harvinder Kau (2021)	A Deep Learning Approach for Tuberculosis Diagnosis from chest X-Rays: A Survey; International Conference on Emerging Technologies: AI, IoT, and	NA	NITTR

Name of Author	Title of the Paper	ISSN Number	Publisher
	CPS for Science & Technology Applications, September 06–07, 2021, NITTTR Chandigarh, India		
Rajni Sobti (2022)	Challenges for Designing of Children Speech Corpora: A State-of-the-Art Review; ECS Transactions-IOP science	1938-5862	Electrochemical Society, Inc.
Jyoti Sood (2021)	Dynamics of liquid Gallium - A Microscopic Approach; DAE Solid State Symposium Proceedings	ISBN No.: 81-8371-085-4	BARC, Mumbai
Parveen Goyal (2022)	Experimental study of Carbon Nanotubes to enhance Tribological Characteristics of Lubricating Engine Oil SAE10W40; IOP Conference Series: Materials Science and Engineering	17578981, 1757899X	IOP Publishing Ltd
Gautam Chutani, Himanshu Bohra, Dewansh Diwan, Nidhi Garg (2022)	Improved Alzheimer Detection using Image Enhancement Techniques and Transfer Learning; 2022 3rd International Conference for Emerging Technology (INCET) Belgaum, India. May 27-29, 2022	978-1-6654-9499-1	IEEE
Jyoti Sharma (2021)	Instability in Casson nanofluids for Darcy-Brinkman model; IOP Conf. Ser.: Mater. Sci. Eng.	1757-899X	IOP Publishing
Neeraj Sharma; Sunil Agrawal; Vinod Kapoor (2021)	Performance Comparison of Bessel and Gaussian Optical Filters for Pulse Shaping and as a Mux-Demux Filter for DP-QPSK WDM Systems; 2021 12th International Conference on Computing Communication and Networking Technologies (ICCCNT)	21414172	IEEE
Garima Joshi, Renu Vig (2022)	Semiconductor wafer defect classification using convolution neural network: a binary case; IOP Conf. Series: Materials Science and Engineering 1225 (2022)	10.1088/1757-899X/1225/1/012060	IOP
Shuchi Gupta (2021)	Study of electronic structure and transport coefficients of GaN-MoS2 heterostructure; IOP Conference Series Materials Science and Engineering	1757-899X	IOP Science
Shuchi Gupta (2022)	Study of Structural, Electronic and Thermoelectric Properties of ZrP 2 monolayer; ECS Transactions	1938-6737	Electrochemical Society

## DETAILS OF PUBLICATIONS

### Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
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### Summary of Research Publications July 1, 2021 to June 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	University Institute of Engineering & Technology	Peer Review Journals	157	3	0	160
2	University Institute of Engineering & Technology	e-Journals	70	2	0	72
3	University Institute of Engineering & Technology	Conference Proceedings	9	1	0	10
4	University Institute of Engineering & Technology	Book with ISBN	1	0	0	1
5	University Institute of Engineering & Technology	Chapter in a book	21	2	0	23
6	University Institute of Engineering & Technology	Monographs	1	0	0	1

## RESEARCH SCHEMES

### Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration(in years)	Principal Investigator and Research Team
UGC, India	Assessment of the effects of biosurfactants on the viability of human ovarian cancer cells	600000	600000	Major	2017 - Till Date	Mary Chatterjee
DST, India	Probing Microtubule Remodeling in Tumor Associated Macrophages and its implication for Microtubule-targeted Chemotherapy	4348000	4348000	Major	2017 - Till Date	Dr Sonia Kapoor
DBT	Unveiling the Role of HDAC6: A Multipronged Approach to Restrict Breast Cancer Metastasis	2900000	2900000	Major	2017 - Till Date	Dr Sonia Kapoor
MHRD	Design Innovation Centre	100000000	90075000	Major	2015 - 2021	Prof. Renu Vig
UGC	Silk fibroin based hydrogels for viscosupplementation and controlled drug delivery in Osteoarthritis	600000	600000	Major	2017 - Till Date	Dr. Sonia Kapoor
SERB	Enhancement of the immunogenicity of L91 lipopeptide against Mtb using peptidomimetic approach and conjugation of selected lipopeptides with anti-TB drugs	6300000	6300000	Major	2017 - Till Date	Dr. Rohit K Sharma
CC&BT,Ministry of Electronics& IT,New Delhi	Development of 5G Based UVAugmented Intelligent Monitoring and Surveillance System	18200000	6066000	Others	2019 - 2022	Prof. Sarbjeet Singh
Media Lab Asia Gol	Visvesvaraya Young Faculty Research Fellowship	3700000	3700000	Others	2016 - 2021	Prof,Harish kumar
Department of Science and Technology Chandigarh Administr	Photocatalytic treatment of waste water entering Sukhna Lake through contaminated rivulets/choe	100000	100000	Interdisciplinary Projects	2018 - Till Date	Hema Setia
DST	Synthesis and Application of Novel Fluorescent Molecular Probes for Food Toxins	12500000	20000	Others	2019 - Till Date	Neha Bhardwaj(inspired faculty)
department of science and	performance enhancement of solar	300000	300000	Projects Sponsored by the	2018 - Till Date	Manoj sharma

<b>Sponsor</b>	<b>Title</b>	<b>Funds Sanctioned (INR)</b>	<b>Funds Received (INR)</b>	<b>Type (Major/ Minor)</b>	<b>Duration(in years)</b>	<b>Principal Investigator and Research Team</b>
technology & Renewable energy, Chandigarh administration	photovoltaic system using multi mirror arrangement and to find optimum angle of inclination of solar panel in chandigarh			University / College		
Department of sciemnce & technology & Renewable energy, chandigath administration	study of effect of tilt angle on the power output of photovoltaic panels in chandigarh	350000	350000	Projects Sponsored by the University / College	2018 - Till Date	manoj Sharma
Department of Science, & technology energy, chandigarh administration	Design , development & fabrication of electronic preferential voting machine	200000	150000	Student Research Projects	2018 - Till Date	Manoj Sharma
esteem industries	Development of an indigenous multi axia machine for machining of dental implants	2690560	2690560	Industry Sponsored	2019 - Till Date	Dr. Vivek Pahwa
AICTE	MODROBS	1853000	1853000	Major	2019 - Till Date	Prof. Manu Sharma
DST-UT	Deptt. of S&T & Renewable Energy, UT, Chandigarh	75000	75000	Others	2019 - 2021	Dr Anu Priya Minhas (PI)
UT, Chd. Admin.	Cost Effective Port-able Nanofilter for Contaminated Wa-ters of Chandigarh	150000	150000	Others	2019 - Till Date	Dr Madhu Khatri
DST	FIST	12300000	11000000	Major	2019 - 2025	Manu Sharma
DST	NA	150000	150000	Minor	2019 - 2021	Amit Thakur
Department of Science and Technology and Renewable Energy	NA	100000	100000	Minor	2019 - Till Date	Shankar Sehgal
SERB, DST	MATRICES	600000	220000	Minor	2019 - Till Date	JAGJIT SINGH
SERB, DST	ECRA	3612889	0	Major	2018 - 2021	Suresh Kumar
DBT	NER	8300000	300000	Major	2019 - 2022	Nishima
Panjab University Alumni Association	Research Promotion Fund	150000	80000	Minor	2019 - Till Date	Shuchi Gupta
DST-UT	Short Term Project	150000	150000	Nil/NA	2019 - 2021	Madhu khatri

<b>Sponsor</b>	<b>Title</b>	<b>Funds Sanctioned (INR)</b>	<b>Funds Received (INR)</b>	<b>Type (Major/ Minor)</b>	<b>Duration(in years)</b>	<b>Principal Investigator and Research Team</b>
DST-UT	Heritage Buildings' Health Monitoring using Machine Learning	100000	100000	Minor	2019 - Till Date	Dr. Mukesh Kumar
SASE Lab, DRDO	Avalanche Prediction	993000	496500	Minor	2019 - Till Date	Dr. Mukesh Kumar
DST	Technology Enabling Centre	32640000	0	Major	2020 - Till Date	Manu Sharma
DST	Plate waste to Animal feed	150000	150000	Minor	2019 - Till Date	Amit Thakur
Ministry of Electronics and IT, New Delhi	CC&BT	7600000	4000000	Major	2020 - Till Date	Harish Kumar
Ministry of Electronics and IT, New Delhi	CC&BT	18268500	11500000	Major	2019 - Till Date	Sarbjeet Singh
National Commission for Women (NCW), Govt. of India, New Delhi	Research Studies	1402200	642500	Major	2020 - Till Date	Dr. Nirmal Kaur
AICTE, New Delhi	RPS	1061000	1045000	Major	2019 - Till Date	Akashdeep,
SERB	MATRICES	660000	220000	Minor	2020 - 2023	Kalpana Dahiya
Department of Science and Technology & Renewable energy, Chandigarh Administration	Research project	75000	75000	Minor	2020 - 2021	Dr Anu Priya Minhas
NTU-PU Partnership	NTU-PU Partnership Project	1012242	304180	Major	2021 - 2021	Prof. Renu Vig, Professor (ECE), UIET, Panjab University
Ministry of electronics and information technology	E-waste management	25377640	16592640	Major	2021 - 2021	Mr. Vishal Sharma
SERB	Matrics	660000	200000	Major	2020 - Till Date	Kalpana Dahiya
SERB	Matrics	660000	200000	Major	2019 - 2022	Jagjit Singh
DST	AI-enabled handheld device for quick detection of anemia and nutritional deficiencies using cutaneous cues.	1996619	1808837	Major	2021 - Till Date	Dr. Ajay Mittal



Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration(in years)	Principal Investigator and Research Team
DST UT	Short Term Research Projects	100000	100000	Minor	2021 - Till Date	Dr. Anupreet Kaur
M/s Electrowaves Electronics (P) Ltd	Study and Documentation of Research Standards for Train Collision Avoidance System (TCAS)	546000	546000	Industry Sponsored	2021 - Till Date	Dr. Harish Kumar
DST UT	Short Term Research Projects	60000	60000	Minor	2021 - Till Date	Dr. Shailendra Kumar

### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT

#### Details of Seminars, Conferences, and Workshops organized during the Academic Year

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
A peep into the IP world from academic perspective	2022-06-30	2022-06-30	Prof.Sarbjeeet Singh	175
Workshop on Entrepreneurship & Innovation as Career Opportunity	2022-01-06	2022-01-06	Dr. Preeti Aggarwal, Dr. Ravreet Kaur	100
Necessity is the mother of invention	2022-02-28	2022-02-28	Dr. Gaurav Sapra, Dr. Parul Gaur	32
Choosing an early startup after studies	2022-02-25	2022-02-25	Dr. Gaurav Sapra, Dr. Parul Gaur	41

### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

#### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	University Institute of Engineering & Technology	Dr Garima Joshi	MHRD sponsored Advanced Concepts in Developing MOOCS	other	Others	National	Teaching Learning Center, Ramanujan College, University of Delhi	02/07/2021	01/08/2021	Teaching Learning Center, Ramanujan College, University of Delhi
2	University Institute of Engineering & Technology	Dr Naresh Kumar	Emerging Trends in Electronics and Communication (ETEC-2020)	other	Short-Term Course	National	UIET, PU Chandigarh	04/08/2021	08/08/2021	UIET, PU Chandigarh
3	University Institute of Engineering & Technology	Mr. Vijay Kumar	Emerging Trends in Electronics and Communication (ETEC-2020)	other	Short-Term Course	National	UIET, PU Chandigarh	04/08/2021	08/08/2021	UIET, PU Chandigarh
4	University Institute of Engineering & Technology	Dr Pardeep Kaur	Emerging Trends in Electronics and Communication (ETEC-2020)	other	Short-Term Course	National	UIET, PU Chandigarh	04/08/2021	08/08/2021	UIET, PU Chandigarh
5	University Institute of Engineering	Dr. Jaget Singh	Emerging Trends in Electronics and	other	Short-Term Course	National	UIET, PU Chandigarh	04/08/2021	08/08/2021	UIET, PU Chandigarh

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
6	University Institute of Engineering & Technology	Dr. Nidhi	Emerging Trends in Electronics and Communication (ETEC-2020)	other	Short-Term Course	National	UIET, PU Chandigarh	04/08/2021	08/08/2021	UIET, PU Chandigarh
7	University Institute of Engineering & Technology	Preeti Gupta	Emerging Trends in Electronics and Communication (ETEC-2020)	other	Short-Term Course	National	UIET, PU Chandigarh	04/08/2021	08/08/2021	UIET, PU Chandigarh
8	University Institute of Engineering & Technology	Mr. Jatinder Singh	Emerging Trends in Electronics and Communication (ETEC-2020)	other	Short-Term Course	National	UIET, PU Chandigarh	04/08/2021	08/08/2021	UIET, PU Chandigarh
9	University Institute of Engineering & Technology	Dr. Charu	4 days online workshop on Train the Trainers on Examination Reforms	workshop	Others	National	BVB College of Engineering and Technology, Hubballi	04/12/2021	07/12/2021	BVB College of Engineering and Technology, Hubballi
10	University Institute of Engineering & Technology	Dr Garima Joshi	Train The Trainers on Examination Reforms	workshop	Others	National	BVB College of Engineering and Technology, Hubballi in collaboration with NPIU	04/12/2021	07/12/2021	BVB College of Engineering and Technology, Hubballi in collaboration with NPIU
11	University Institute of Engineering & Technology	Dr. Charu	Nanotechnology for Electronic and Photonic Devices (NanoDev-2021)	Professional Development Programmes	Faculty Development Programme	National	Punjab Engineering College	12/07/2021	16/07/2021	All India Council For Technical Education Nelson Mandela Marg, Vasant Kunj, New Delhi –
12	University Institute of Engineering & Technology	Dr. Amandeep Verma	11th World Science Congress on Information and Communication Technologies	conference	Academic and Research Event	International	USA	16/12/2021	17/12/2021	MIR Labs
13	University Institute of Engineering & Technology	Sunil Bansal	Quantum Physics simulations using Gnumeric worksheets	Professional Development Programmes	Faculty Development Programme	National	Online	01/08/2021	07/08/2021	Central University of Himachal Pradesh and IAPT
14	University Institute of Engineering & Technology	Sunil Bansal	Research methodology in Sciences	Professional Development Programmes	Refresher Course	National	Online	14/09/2021	27/09/2021	HRDC and Panjab University
15	University Institute of Engineering & Technology	Sunil Bansal	10th edition of Large Hadron Collider conference	conference	Academic and Research Event	International	Online	16/05/2022	20/05/2022	Taipei, Taiwan

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
16	University Institute of Engineering & Technology	Dr Renu Thapar	International Conference on Emerging Trends in Science and Technology	conference	Academic and Research Event	International	Punjab Engineering College	10/06/2022	11/06/2022	Department of Applied Sciences, Punjab Engineering College
17	University Institute of Engineering & Technology	Dr Anil Kumar	Emerging Chemical Sciences eith Modern World	symposium	Academic and Research Event	National	Department of Chemistry, Panjab University	11/03/2022	11/03/2022	Department of Panjab University, Panjab University
18	University Institute of Engineering & Technology	Dr. Kalpana Dahiya	Induction Program	webinar	Orientation/Induction Programme	National	GCET, Jammu	06/12/2021	17/12/2021	GCET, Jammu
19	University Institute of Engineering & Technology	Dr. Renuka Rai	Induction Program for GCET Jammu students	webinar	Orientation/Induction Programme	National	GCET, Jammu	06/12/2021	17/12/2021	GCET, Jammu
20	University Institute of Engineering & Technology	Dr. Vivek Pahwa	Microgrid operation control and protection under smart grid control	workshop	Others	National	IIT Patna	14/08/2021	14/08/2021	IIT Patna
21	University Institute of Engineering & Technology	Dr. Sukhwinder Singh	Signal Processing and Machine Learning Techniques:Emerging Trends	Professional Development	Training/Orientation	National	Sant Longowal Institute Of Engineering And Technology	06/09/2021	10/09/2021	AICTE Training And Learning (ATAL) Academy
22	University Institute of Engineering & Technology	Dr. Anupreet Kaur	Asynchronous foundations of Biorisk management MATRIX	webinar	Faculty Development Programme	International	Online	18/10/2021	06/11/2021	GBMRC
23	University Institute of Engineering & Technology	Dr. Anupreet Kaur	Smarter experimentation for Chemists and Chemical Engineers using JMP	webinar	Academic and Research Event	National	Online	26/12/2021	26/12/2021	CSIR-IMMT Bhubaneshwar & JMP
24	University Institute of Engineering & Technology	Dr. Anupreet Kaur	Chemcon 21	conference	Academic and Research Event	National	Hybrid	26/12/2021	30/12/2021	CSIR-IMMT Bhubaneshwar
25	University Institute of Engineering & Technology	Dr. Neha Bhardwaj	International Conference on Advanced Materials for Next Generation Applications	conference	Academic and Research Event	International	Galgotias University, Noida	29/09/2021	30/09/2021	Galgotias University, Noida
26	University Institute of Engineering & Technology	Dr. Neha Bhardwaj	2 nd International Conference Chemical, Bio & Environmental Engineering (CHEMBIOEN-2021)	conference	Academic and Research Event	National	NIT Jalandhar	20/08/2021	21/08/2021	NIT Jalandhar
27	University Institute of Engineering	Dr. Neha Bhardwaj	International Conference On Emerging Trends In	conference	Academic and Research Event	International	Department of Applied Sciences Punjab	10/06/2022	11/06/2022	Department of Applied Sciences

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
	& Technology		Science And Technology ICETST 2022				Engineering College (Deemed to be University), Chandigarh			Punjab Engineering College (Deemed to be University), Chandigarh
28	University Institute of Engineering & Technology	Deepak Kumar	Microgrids Operation, Control And Protection Under Smart Grid Environment	workshop	Academic and Research Event	National	online	14/08/2021	14/08/2021	IIT Patna
29	University Institute of Engineering & Technology	Hema Setia	F-EIR Conference 2021	conference	Academic and Research Event	International	Chandigarh	18/10/2021	22/10/2021	Federation of Environmental Issues and its Remediation
30	University Institute of Engineering & Technology	Harbhinder Singh	Online - 7-Days FDP on Needonomics for Revival of Economy in Post Pandemic Era	Professional Development Programmes	Faculty Development Programme	National	Chandigarh	14/07/2021	20/07/2021	HRDC
31	University Institute of Engineering & Technology	Jaswinder Singh Mehta	Online - 7-Days FDP on Search, Research and Publication Ethics	Professional Development Programmes	Faculty Development Programme	National	Chandigarh	06/07/2021	12/07/2021	HRDC
32	University Institute of Engineering & Technology	Monika	Online - FDP on Information Sources and Services for Teaching, Learning and Research	Professional Development Programmes	Faculty Development Programme	National	Chandigarh	01/02/2022	07/02/2022	HRDC
33	University Institute of Engineering & Technology	Parveen Goyal	Online-Environmental Studies	Professional Development Programmes	Refresher Course	National	Chandigarh	17/11/2021	30/11/2021	HRDC
34	University Institute of Engineering & Technology	Suresh Kumar	Online –Research Methodology in Sciences	Professional Development Programmes	Refresher Course	National	Chandigarh	14/09/2021	27/09/2021	HRDC
35	University Institute of Engineering & Technology	TukeshSoni	Online –Research Methodology in Sciences	Professional Development Programmes	Refresher Course	National	Chandigarh	14/09/2021	27/09/2021	HRDC
36	University Institute of Engineering & Technology	Minto Rattan	Faculty Development Programme on Mathematical Analysis	Professional Development Programmes	Faculty Development Programme	National	Panjab University, Chandigarh	04/01/2022	10/01/2022	Human Resource Development Centre, Panjab University, Chandigarh
37	University Institute of Engineering & Technology	Prasanta Kumar Nanda	Faculty Development Programme on Intellectual Property	Professional Development Programmes	Faculty Development Programme	National	Panjab University, Chandigarh	07/05/2022	13/05/2022	Human Resource Development Centre, Panjab University, Chandigarh

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
38	University Institute of Engineering & Technology	PROF VINAY KANWAR	Mathematics ,statistics & computer science	other	Academic and Research Event	National	Uttarkhand	22/06/2022	24/06/2022	Concil of science and technology Uttarakhand

### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	University Institute of Engineering & Technology	Aanshi Bhardwaj	A detection and mitigation framework is proposed against Distributed Denial of Service (DDoS) attacks in cloud computing. The proposed method uses hyperband tuned deep neural network with well posed s	2021-10-13	Prof. Renu Vig and Dr. Veenu Mangat
2	University Institute of Engineering & Technology	Savita Walia	An approach for detection of forgeries in digital images	2022-06-28	Prof. Krishan Kumar

### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
NIL		

#### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
NIL							

#### 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
NIL									

#### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/ Added	Total
Total Number of Computers in the department	555	0	555
Class rooms	28	0	28
Class rooms with Wifi/LAN facility	28	0	28
Class rooms with ICT facility (LCD/Projector)	23	0	23
No. of Research Labs	10	0	10
No. of Computer labs	22	0	22
Video Centre	2	0	2
Seminar Halls with ICT facility	1	0	1

Facilities	Existing	Newly Created/ Added	Total
Seminar Halls	1	0	1
No. of important equipments purchased (>= 10 lakh) during the current year.	1	0	1
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0

#### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

#### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
4th Sat Paul Mittal Memorial Lecture on "Future Trends in Telecommunication"	09/06/2022	09/06/2022

#### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

#### 7. Number of Patents Published/Awarded

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
1	A system to unmask identities behind face masks	Akashdeep, Akhil Kumar, Manisha Kaushal, Arvind Kalia	12/12/2021	Published	National	202111059227A
2	An Oral Healthcare System and Appartus thereof	Naveen Aggarwal, Manoj Sharma, Manoj Jaiswal, Ashima Goel, Parminder Singh	05/04/2022	Granted	National	394273
3	Wearable apparatus for determining goniometric readings of a body portion of a subject	Rashi Aditi Ranjan, Varun Karan, Poojita Garg, Sahil Sharma, Prashant Jinda, Mamta Junejal	08/07/2021	Granted	National	371489
4	Automated Artificial Breathing Device	Prof. Manu Sharma	15/11/2021	Granted	National	381813
5	Automated Disinfection and Cooling System for Personnel wearing Personal Protective Equipment (PPE)	Prof. Manu Sharma, Prof. Amrinder Pal Singh	23/07/2021	Published	National	NA
6	A System And Method For Predicting Badminton Match Outcome	Sharma, Manoj; Kumar, Naresh; Monika, Mrs.; Kumar, Pardeep; Kumar Singh, Neeraj; Kumar, Anuj; Sharma, Anuj; Kumar, Anil and Bhutani, Ishaan	27/04/2022	Granted	International	2021103042

#### 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

## UNIVERSITY CENTRE OF INSTRUMENTATION AND MICRO-ELECTRONICS

### SUMMARY OF PUBLICATIONS

#### PUBLICATIONS

#### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
NIL			

#### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Ramesh K Sharma et al (2022)	A Theoretical study of HCN adsorption and width effect on co-doped armchair Graphene Nanoribbon.; Computational and Theoretical Chemistry, 113592	ISSN: 2210-271X	Yes	Elsevier
Ramesh K Sharma et al (2022)	Adsorption chemistry of co-doped graphene nanoribbon and its derivatives towards carbon based gases for gas sensing applications: Quantum DFT investigation; Materials Science in Semiconductor Processing, (146)106670	ISSN 1369-8001	Yes	Elsevier
Ramesh K Sharma et al (2022)	Adsorption study of pristine and manganese doped graphene nanoribbon for effective methane gas sensing- A DFT study; Physica B: Condensed Matter	ISSN: 0921-4526	Yes	Elsevier
Ramesh K Sharma et. al (2022)	Adsorption study of pristine & manganese doped graphene nanoribbon for effective methane gas sensing - A DFT study; Physica B: Condensed Matter	ISSN: 0921-4526	Yes	Elsevier
Prof G.R. Chaudhary et al (2022)	Advances and Perspective on Antimicrobial Nanomaterials for Biomedical Applications; Frontiers in Nanotechnology	ISSN: 2673-3013	Yes	Frontiers_Perspective
Prof G.R. Chaudhary et al (2020)	A flower-like ZnO–Ag <sub>2</sub> O nanocomposite for label and mediator free direct sensing of dinitrotoluene; RSC Advances	ISSN: 2046-2069	Yes	Royal Society of Chemistry
Poonam Kumari et al (2022)	Anti-cancer peptides: their current trends in the development of peptide-based therapy and antitumor drugs; Biotechnology and Genetic Engineering Reviews	ISSN : 0264-8725	Yes	Taylor and Fransis
Poonam Kumari, Karanveer Singh (2021)	“Low Cost Iot Based Mini Inverter; International Research Journal Of Modernization In Engineering Technology And Science	ISSN:2582-5208	Yes	IRJMETS
Poonam Kumari et al (2022)	Biodegradation and detoxification of low-density polyethylene by an indigenous strain Bacillus licheniformisSARR1; Journal of Applied Biology & Biotechnology	ISSN 2347-212X	Yes	Open Science Publishers LLP
Prof G.R. Chaudhary, Preeti Garg, et al (2022)	Design and applications of metallo-vesicular structures using inorganic-organic hybrids; Advances in Colloid and Interface Science	ISSN: 0001-8686	Yes	Elsevier

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISSN Number</b>	<b>Peer Reviewed (Y/N)</b>	<b>Publisher</b>
Prof. G.R. Chaudhary ET AL (2021)	Effect of position of OH group in isomeric butanediols on intermolecular interaction with Choline Acetate: A thermodynamic study at different temperatures; Journal of Molecular Liquids	0167-7322 ISSN	Yes	Elsevier
Prof G.R. Chaudhary et al (2020)	Electro-active silver oxide nanocubes for label free direct sensing of bisphenol A to assure water quality; Materials Today Chemistry	ISSN (Online): 2468-5194	Yes	ELSEVIER
Prof G.R. Chaudhary et al (2021)	Gold-platinum bimetallic nanoparticles coated 3-(aminopropyl) triethoxysilane (APTES) based electrochemical immunosensor for vitamin D estimation; Journal of Electroanalytical Chemistry	ISSN 1572-6657.	Yes	Elsevier
Prof. G.R. Chaudhary et al (2022)	Green-monodispersed Pd-nanoparticles for improved mitigation of pathogens and environmental pollutant; Materials Today Communications	ISSN: 2352-4928	Yes	Elsevier
Poonam Kumari, Satyaveer Singh (2021)	Hybrid Electric Vehicle Charging by Solar Panel using of Supercapacitors; International Journal of Trend in Scientific Research and Development - IJTSRD	ISSN 2456-6470	Yes	IJTSRD
Ramesh K Sharma et al (2022)	Hydrogen sulfide gas sensor using osmium doped graphene nanoribbon: An insights from DFT study; Materials Letters	ISSN: 0167-577X	Yes	Elsevier
Poonam Kumari, Kishan Kumar (2021)	Inverter Fed Technique To Control The Speed of Three Phase Induction Motor And Harmonic Reduction Using Passive Filter; International Journal for Science and Advance Research In Technology	ISSN [ONLINE]: 2395-1052	Yes	IJSART
Prof G.R. Chaudhary et al (2021)	Microwave-assisted assembly of Ag <sub>2</sub> O-ZnO composite nanocones for electrochemical detection of 4-Nitrophenol and assessment of their photocatalytic activity towards degradation of 4-Nitrophenol and Methylene blue dye; Journal of Hazardous Materials	ISSN: 3043894	Yes	Elsevier
Poonam Kumari, Kamal Kumar (2021)	Optimization of FLC Using PSO – FF Hybrid Algorithm Using DSTATCOM for Power Quality Improvement; International Journal of Trend in Scientific Research and Development (IJTSRD)	e-ISSN: 2456 – 6470	Yes	IJTSRD
Prof. G. R. Chaudhary et al (2021)	Perspective and prospects of 2D MXenes for smart biosensing; Materials Letters	ISSN 0167-577X	Yes	Elsevier
Prof G,R Chaudhary et al (2021)	Spherical silver oxide nanoparticles for fabrication of electrochemical sensor for efficient 4-Nitrotoluene detection and assessment of their antimicrobial activity; Science of the Total Environment	ISSN (Online): 1879-1026	Yes	Elsevier
Ramesh K Sharma et al (2022)	Structurally identified curcumin-Ag/ZnO nanocomposite having antibacterial effect: an investigation; Int Nano Lett	ISSN: 22285326, 20089295	Yes	Springer
Poonam Kumari , Amit K Paswan (2021)	THD Minimization and Fault Analysis of Modular Multilevel Converters; International Journal of Trend in Scientific Research and Development (IJTSRD)	E ISSN 2456-6470	Yes	IJTSRD



Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Prof G. R. Chaudhary et al (2021)	Voltammetric detection of vitamin D employing Au-MoS <sub>2</sub> hybrid as immunosensing platform; Microchimica Acta	ISSN: 0026-3672 (print); 1436-5073 (web)	Yes	Springer Nature Austria
Ganga Ram Chaudhary et al (2020)	Volumetric and acoustic approach for investigating molecular interactions of choline acetate ionic liquid in $\alpha,\omega$ -alkanediols at different temperatures; Journal of Molecular Liquids	ISSN 0167-7322.	Yes	Elsevier

#### DETAILS OF PUBLICATIONS

##### Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### DETAILS OF PUBLICATIONS

##### Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### Summary of Research Publications July 1, 2021 to June 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	University Centre of Instrumentation and Micro-Electronics	Peer Review Journals	25	0	0	25

#### RESEARCH SCHEMES

##### Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
DST, New Delhi	Innovation Technology Development and Deployment	15000000	15000000	Major	2021 - 2023	Prof. G.R. Chaudhary
Department of Science and Technology (DST)	SAIF	26000000	26000000	Major	2020 - 2021	Prof. Ganga Ram Chaudhary
DST	STUTI Program	22532000	18035600	Major	2022 - Till Date	The Coordinator, SAIF

#### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT

##### Details of Seminars, Conferences, and Workshops organized during the Academic Year

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Insights Into Analytical Instrumentation For Applied Sciences (Skill India Progressive India)	2022-05-10	2022-05-17	SAIF, PUC	37

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Skill framework in curriculum: Implementation Strategies	2022-06-29	2022-06-28	SAIF, PUC	25
Role of STUTI program for the benefit of society.	2022-06-28	2022-06-28	SAIF, PUC	45
Social Responsibility of SAIF/CIL for environment sustainability.	2022-06-29	2022-06-29	SAIF, PUC	34
Open House at CIL, PUC	2022-06-30	2022-06-30	SAIF, PUC	45
Advanced Molecular Biology Techniques (Bioscience for Human Health Mission)	2022-03-21	2022-03-27	Department of Zoology (FIST Assisted) & Sophisticated Analytical Instrumentation Facility (SAIF)/ Central Instrumentation Laboratory (CIL) Panjab University, Chandigarh	35
Insights Into Analytical Instrumentation For Applied Sciences (Workshop on Analytical Methods)	2022-04-26	2022-05-03	SAIF/CIL, PUC and GNDU, Asr	35
Application Of Advanced Analytical Instruments In Agriculture (Workshop on Analytical Methods)	2022-05-17	2022-05-24	Punjab Agricultural University, Ludhiana and SAIF/CIL, PUC	35
Material Processing And Advanced Functional Material Characterization techniques (Atmanirbhar Bharat Abhyan)	2022-05-30	2022-06-05	Department of Physics, NIT Srinagar and SAIF/CIL, PUC	35
X-Ray And Chromatography Based Techniques For Academic & Industrial Innovations (National Mission for Accelerating Growth of New India's Innovation (AGNI))	2022-05-27	2022-06-03	SAIF/CIL, PUC	37

### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

#### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	University Centre of Instrumentation and Micro-Electronics	Dr. Ramesh K Sharma	Analytical Techniques for Material Characterization	Professional Development Programmes	Short-Term Course	National	NITTTR, Chandigarh	07/03/2022	11/03/2022	NITTTR Sec-26 Chandigarh and SAIF, PUC
2	University Centre of Instrumentation and Micro-Electronics	Dr. Ramesh K Sharma	Spectroscopic techniques and instrumentation	Professional Development Programmes	Short-Term Course	National	NITTTR, Chd	23/03/2022	27/03/2022	NITTTR, Chandigarh

**Ph.D. Awards****Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022**

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
NIL					

**MISCELLANEOUS****Any other noteworthy achievement of the department during this Academic Year 2021 - 2022**

S.no	Department	Achievement
NIL		

**1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities**

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
1	University Centre of Instrumentation and Micro-Electronics	MoU	Maharaja Agrasen University, Baddi (Himachal Pradesh)	SAIF, PUC	21/10/2021	20/10/2024	National
2	University Centre of Instrumentation and Micro-Electronics	Analysis and Calibration Contract	MOREPEN Lab Ltd	SAIF, PUC	01/05/2021	30/04/2024	National

**2. Details of Collaborative activities**

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
1	University Centre of Instrumentation and Micro-Electronics	Awareness Program - 1	SGGSSSS, Sec-35, Chd	136	22/02/2022	National	Awareness Program	STUTI, DST, ND	30/12/2022
2	University Centre of Instrumentation and Micro-Electronics	Awareness Program -	Different Schools of Chandigarh	125	23/02/2022	National	Awareness Program	STUTI, DST, ND	30/12/2022
3	University Centre of Instrumentation and Micro-Electronics	Awareness Program - 3	Different Schools of Chandigarh	171	28/02/2022	National	Awareness Program	STUTI, DST, ND	30/12/2022
4	University Centre of Instrumentation and Micro-Electronics	Awareness Program - 4	GJUS&T, Hisar, Haryana	166	24/02/2022	National	Awareness Program	STUTI, DST, ND	30/12/2022
5	University Centre of Instrumentation and Micro-Electronics	Awareness Program - 5	Deenbandhu Chhotu Ram University of Science and Technology,	112	25/02/2022	National	Awareness Program	STUTI, DST, ND	30/12/2022

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
6	University Centre of Instrumentation and Micro-Electronics	Awareness Program - 6	Murthal, Haryana Panjabi University, Patiala	111	25/02/2022	National	Awareness Program	STUTI, DST, ND	30/12/2022
7	University Centre of Instrumentation and Micro-Electronics	Awareness Program - 7	MLSM College, Sunder Nagar, district Mandi, HP	106	27/02/2022	National	Awareness Program	STUTI, DST, ND	30/12/2022
8	University Centre of Instrumentation and Micro-Electronics	Awareness Program - 8	NIT, Srinaga, J&K	116	28/02/2022	National	Awareness Program	STUTI, DST, ND	30/12/2022
9	University Centre of Instrumentation and Micro-Electronics	Awareness Program - 9	University of Kashmir, Srinagar, J&K	81	28/02/2022	National	Awareness Program	STUTI, DST, ND	30/12/2022
10	University Centre of Instrumentation and Micro-Electronics	Awareness Program - 10	GNDU, Amritsar, Punjab	66	28/02/2022	National	Awareness Program	STUTI, DST, ND	30/12/2022
11	University Centre of Instrumentation and Micro-Electronics	Awareness Program -11	PAU, Ludhiana	66	28/02/2022	National	Awareness Program	STUTI, DST, ND	30/12/2022
12	University Centre of Instrumentation and Micro-Electronics	Awareness Program -12	ISF College of Pharmacy, Moga	98	28/02/2022	National	Awareness Program	STUTI, DST, ND	30/12/2022
13	University Centre of Instrumentation and Micro-Electronics	Awareness Program - 13	Shoolini University, Solan, HP	68	28/02/2022	National	Awareness Program	STUTI, DST, ND	30/12/2022
14	University Centre of Instrumentation and Micro-Electronics	Awareness Program - 14	DAV College Abohar, Punjab	111	28/02/2022	National	Awareness Program	STUTI, DST, ND	30/12/2022
15	University Centre of Instrumentation and Micro-Electronics	Awareness Program - 15	INS&T, Mohali	103	28/02/2022	National	Awareness Program	STUTI, DST, ND	30/12/2022

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
16	University Centre of Instrumentation and Micro-Electronics	Awareness Program - 16	CSIR-CSIO, Sector-30, Chandigarh	50	28/02/2022	National	Awareness Program	STUTI, DST, ND	30/12/2022
17	University Centre of Instrumentation and Micro-Electronics	Sustainable Technologies for CETP wastewater reutilization	M/S INTOP PROJECTS Saidapur, Barwala Rd, Derabassi	Prof. GR Chaudhary, Director SAIF/CIL, PUC & Prof. Narinder Singh IIT, Ropar	25/04/2022	National	R&D Activities	INTOP PROJECTS	24/04/2025
18	University Centre of Instrumentation and Micro-Electronics	Technology development for recovery and reuse of HCl from industrial waste water	JBR Technologies Limited, Ludhiana	Prof G.R. Chaudhary	03/01/2022	National	R&D Activities	JBR Technologies Limited, Ludhiana	02/01/2025

### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	15	0	15
Class rooms	3	0	3
Class rooms with Wifi/LAN facility	3	0	3
Class rooms with ICT facility (LCD/Projector)	2	0	2
No. of Research Labs	19	0	19
No. of Computer labs	1	0	1
Video Centre	0	0	0
Seminar Halls with ICT facility	2	0	2
Seminar Halls	1	0	1
No. of important equipments purchased ( $\geq$ 10 lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0

### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
Republic Day Flag hosting in Depart of CIL	26/01/2022	26/01/2022
2-Days Workshop on Sophisticated Analytical Instrumentation	24/02/2022	25/02/2022
Technology Landscaping and white space analysis	12/05/2022	12/05/2022

**6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
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**7. Number of Patents Published/Awarded**

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
1	An asymmetric heterogeneous anion exchange membrane system	Prof G. R. Chaudhary, Dr. Moondeep Chauhan, Dr Shailendra Singh Khichi	17/02/2022	Filed	National	0000

**8. Revenue generated through consultancy**

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
1	SAIF Instruments	Prof. G. R. Chaudhary	Academic, Research Institutes and Industries	01/04/2022	National	16725853

**DEPARTMENT OF CHINESE AND TIBETAN LANGUAGES****SUMMARY OF PUBLICATIONS****PUBLICATIONS****DETAILS OF PUBLICATIONS****(Books/ Reference General/ Book Chapter/ Book Edited)**

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
NIL			

**DETAILS OF PUBLICATIONS****(Research Papers/ Review Article/ Editorial Article in Referred Journal)**

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
NIL				

**DETAILS OF PUBLICATIONS****Full Papers Published in Proceedings of Conferences**

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

**DETAILS OF PUBLICATIONS****Articles Published in Newspapers**

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

**Summary of Research Publications July 1, 2021 to June 30, 2022**

S.no	Department	Type of Journal	International	National	Others	Total
NIL						

**RESEARCH SCHEMES****Sponsored Research Projects during the Academic Year 2021 - 2022**

Sponsor Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration (in years)	Principal Investigator and Research Team
NIL					

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT****Details of Seminars, Conferences, and Workshops organized during the Academic Year**

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
NIL				

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY****3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022**

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
NIL										

**Ph.D. Awards****Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022**

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	Department of Chinese and Tibetan Languages	Suaihiampou Kamei	Counter- Insurgency in the State of Manipur: A Critical Analysis Post AFSPA Period	0000-00-00	Prof. Damodar Panda
2	Department of Chinese and Tibetan Languages	Nishant Turan	The Challenges of Counter- Naxal Operations in Chhattisgarh	0000-00-00	Prof. Damodar Panda
3	Department of Chinese and Tibetan Languages	David Soineithang Lengen	India-China Relations with Special reference to Pakistan	0000-00-00	Prof. Damodar Panda

**MISCELLANEOUS****Any other noteworthy achievement of the department during this Academic Year 2021 - 2022**

S.no	Department	Achievement
NIL		

**1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities**

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
NIL							

**2. Details of Collaborative activities**

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
NIL									

**3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022**

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	4	0	4

Facilities	Existing	Newly Created/Added	Total
Class rooms	1	0	1
Class rooms with Wifi/LAN facility	1	0	1
Class rooms with ICT facility (LCD/Projector)	0	0	0
No. of Research Labs	0	0	0
No. of Computer labs	0	0	0
Video Centre	0	0	0
Seminar Halls with ICT facility	0	0	0
Seminar Halls	0	0	0
No. of important equipments purchased (>= 10 lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0

#### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

#### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
Vigilance Awareness week	26/10/2021	26/10/2021

#### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

#### 7. Number of Patents Published/Awarded

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

#### 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

## DAYANAND CHAIR FOR VEDIC STUDIES

### SUMMARY OF PUBLICATIONS

The Department of Dayanand Chair for Vedic Studies was established in 1975. The aims and objects of the Chair include the research work on Vedas, Philosophy of Swami Dayanand and Vedic Interpretation of Dayanand. Contribution of Dayananda to Vedic Studies & Indian Philosophy is well known to the Sanskrit World. Research leading to Ph.D. degree is conducted. Published Research work by the faculty in the journals of Vedic Studies contributes to the academic growth of the knowledge concerning various Vedic Texts. There are two permanent positions in the faculty, one of a Professor and the other of a Assistant Professor. There is one tenure post of Research Fellow. At present Prof. Virendra Kumar Alankar is the Chairperson of the Department.



**SUMMARY OF PUBLICATIONS****PUBLICATIONS****DETAILS OF PUBLICATIONS****(Books/ Reference General/ Book Chapter/ Book Edited)**

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
NIL			

**DETAILS OF PUBLICATIONS****(Research Papers/ Review Article/ Editorial Article in Referred Journal)**

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
NIL				

**DETAILS OF PUBLICATIONS****Full Papers Published in Proceedings of Conferences**

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

**DETAILS OF PUBLICATIONS****Articles Published in Newspapers**

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

**Summary of Research Publications July 1, 2021 to June 30, 2022**

S.no	Department	Type of Journal	International	National	Others	Total
NIL						

**RESEARCH SCHEMES****Sponsored Research Projects during the Academic Year 2021 - 2022**

Sponsor Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration(in years)	Principal Investigator and Research Team
NIL					

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT****Details of Seminars, Conferences, and Workshops organized during the Academic Year**

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
NIL				

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY****3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022**

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
NIL										

**Ph.D. Awards****Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022**

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
NIL					

## MISCELLANEOUS

Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
1	Dayanand Chair for Vedic Studies	1. Working towards the preservation of Teaching and philosophy of Swami Dayanand Saraswati and Sanskrit heritage through research on ancient texts like Epics, puranas, Agamas etc. 2. Encouraging projects of research which deal with the issues on race, gender and environment like status of women in ancient society, ecology and position of varnas. 3. Popularising Sanskrit by organising Sanskrit Day and Inter-University Sanskrit Competitions (Sloka Recitation, Extempore Speech, Sanskrit Kavi Sammelana etc.). 4. Encouraging the tradition of spoken Sanskrit, the department organises Sanskrit Speaking Course.

1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
NIL							

2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
NIL									

NIL

3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
NIL			

4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
Dayanand Jayanti	12/02/2022	12/02/2022

6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

7. Number of Patents Published/Awarded

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

## ENGLISH & CULTURAL STUDIES

### SUMMARY OF PUBLICATIONS

#### PUBLICATIONS

#### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Prof Rumina Sethi (2021)	From National to Metaphysical: Raja Rao's Idea of India in a Transnational Era; Reading India in a Transnational Era; Routledge	9781032250274	International
Akshaya Kumar (2022)	Interview; Sudeep Sen: A Critical Study; Gallarie	978-81-927668-1-2	International
Dr. Meenu Gupta (2022)	Mapping Ethical Turn Through Indian Tales: Life Work and Thought; Mapping Ethical Turn Through Indian Tales: Life Work and Thought; Motilal Banarsidass Publishing House	9789394201927, 9394201920	International
Prof Rumina Sethi, Letizia Alverno (2021)	Reading India in a Transnational Era; Reading India in a Transnational Era; Routledge	9781032250274	International

#### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Dr. Meenu Gupta (2021)	A hybrid method for the cross- cultural adaptation of self- report measures; a hybrid method for the cross-cultural adaptation of self- report measures	2364-5059	Yes	Panjab University
Prof. Akshay Kumar (2021)	B. Madhopuri, (2020). My Caste—My Shadow: Selected Poems; Fortell	ISBN 9789383723706,	Yes	Pub-B
Prof Akshaya Kumar (2021)	Of Distracted Geologies; The Book Review	0970-4175	Yes	The Book Review
Prof Akshaya Kumar (2021)	Sights, Sites, and Subjects: Towards Critical Visuality; dialog: a bi-annual peer-reviewed journal	0975-4881	Yes	Panjab University
Dr. Meenu Gupta (2021)	Translation and validation of Shame and Stigma Scale for Head and Neck cancer into the Hindi Language; Translation and validation of Shame and Stigma Scale for Head and Neck cancer into the Hindi Language	0972-8279	Yes	P.U
Dr. Meenu Gupta (2022)	Vada : An analysis into its Origin, Traditions and Essence; Vada : An analysis into its Origin, Traditions and Essence	0975-332X	Yes	OPen Access

#### DETAILS OF PUBLICATIONS

Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

**DETAILS OF PUBLICATIONS**  
**Articles Published in Newspapers**

Name of Author	Title of the Paper	ISSN Number	Publisher
Surbhi Goel (2022)	Nanak Singh's 'Hymns in Blood': Season of hope & despair; The Tribune	Nil	The Tribune

**Summary of Research Publications July 1 ,2021 to June 30, 2022**

S.no	Department	Type of Journal	International	National	Others	Total
1	Department of English & Cultural Studies	Peer Review Journals	1	5	0	6
2	Department of English & Cultural Studies	Book with ISBN	1	0	0	1
3	Department of English & Cultural Studies	Edited Books	1	0	0	1
4	Department of English & Cultural Studies	Chapter in a book	2	0	0	2
5	Department of English & Cultural Studies	Newspaper and Media	0	1	0	1

**RESEARCH SCHEMES**

**Sponsored Research Projects during the Academic Year 2021 - 2022**

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration(in years)	Principal Investigator and Research Team
MHRD	RUSA	45	20	Others	2020 - Till Date	meenu

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT**

**Details of Seminars, Conferences, and Workshops organized during the Academic Year**

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Postponement Of Castediscontent: Amebedkar And Sikhim	2021-09-30	2021-09-30	English Department of Cultural Studies	80
Virtual International Conference on Multiculturalism, Ethnicity, Migration & Media (ICMEMM-21)	2021-12-02	2021-12-04	English Department of Cultural Studies	80
Rethinking Postcolonial Theory and Contemporary India	2021-12-22	2021-12-22	English Department of Cultural Studies	80
Poetry Festival	2022-05-13	2022-08-13	English Department of Cultural Studies	70

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY**

**3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022**

S. no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Department of English & Cultural Studies	Akshaya Kumar	Literature caste and Freedom Movement	Seminar	Academic and Research Event	National	Delhi University	30/09/2021	30/09/2021	Shri Aurobindo College
2	Department of English & Cultural Studies	Surbhi Goel	Organized Workshop on Creative Writing	Workshop	Academic and Research Event	University	Department of English and Cultural Studies, Panjab University	12/03/2022	21/03/2022	Surbhi Goel on behalf of Department of English and Cultural Studies, Panjab University

S. no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
3	Department of English & Cultural Studies	Surbhi Goel	Panel discussion on "Is Climate Change a gender issue?"	Symposium	Academic and Research Event	National	Panjab University, Chandigarh	22/04/2022	22/04/2022	Surbhi Goel for the Department of English and Cultural Studies in collaboration with CMS Vatavaran International Film Festival
4	Department of English & Cultural Studies	Surbhi Goel	"2-weeks Refresher Course" on the theme: "Research Methodology for Social Sciences" from 22.09.2021 to 05.10.2021	Professional Development Programmes	Refresher Course	National	Chandigarh	24/09/2021	24/09/2021	UGC-Human Resource Development Centre Panjab University, Chandigarh
5	Department of English & Cultural Studies	Surbhi Goel	"2-weeks Refresher Course" on the theme: "Research Methodology for Social Sciences" from 22.09.2021 to 05.10.2021	Professional Development Programmes	Refresher Course	National	Chandigarh	27/09/2021	27/09/2021	UGC-Human Resource Development Centre, Panjab University, Chandigarh
6	Department of English & Cultural Studies	Surbhi Goel	Workshop on Research Methodology	workshop	Academic and Research Event	University	Chandigarh	04/10/2021	09/10/2021	Surbhi Goel for the Department of English and Cultural Studies
7	Department of English & Cultural Studies	Surbhi Goel	Green Filmmaking Workshop	workshop	Training/Orientation	National	Hybrid mode, Chandigarh	21/04/2022	21/04/2022	Surbhi Goel on behalf of the Department of English and Cultural Studies, in collaboration with CMS Vatavaran International Film Festival
8	Department of English & Cultural Studies	Surbhi Goel	Early Hindi	workshop	Academic and Research Event	International	Hybrid	11/07/2021	24/07/2021	Faculty of Oriental Studies, University of Oxford
9	Department of English & Cultural Studies	Akshaya Kumar	New Education Nep	seminar	Academic and Research Event	National	Amity Development Programme	11/03/2022	13/03/2022	Amity University Jaipur
10	Department of English & Cultural Studies	Akshaya kumar	Cosmopolitanism	conference	Academic and Research Event	National	Department of English Studies, Akal University, Talwandi Sabo,	02/12/2021	04/12/2021	Department of English Studies, Akal University, Talwandi Sabo, Bathinda, Punjab, India

S. no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
11	Department of English & Cultural Studies	Akshaya Kumar	Rethinking Postcolonial Theory and Contemporary India	webinar	Academic and Research Event	National	Bathinda, Punjab, India Department of English and Foreign Languages Central University of Haryana, Mahendergarh	22/12/2021	22/12/2021	Department of English and Foreign Languages Central University of Haryana, Mahendergarh

#### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	Department of English & Cultural Studies	Shipra	Partition and public sphere: A study of selected features of newspapers from 1946-1948	2022-04-08	Prof.Parveen Sharda
2	Department of English & Cultural Studies	Dinesh Kumar	History-fiction interface in select contemporary Pakistani novels in English	2022-06-17	Prof. Aneel Raina
3	Department of English & Cultural Studies	Poonam	A Case Study Of Hindi-English Hybridized Verbs On Twitter	2022-01-10	Prof. Deepti GUPTA
4	Department of English & Cultural Studies	Priyanka Vinta	The dynamics of power relations: A critical study of Githa Hariharan's novels	2022-01-17	Prof.Anil Raina
5	Department of English & Cultural Studies	Sudhir Mehra	Politics of iconization: A study of Ambedkar in visual culture	2022-02-07	Prof.Akshaya Kumar
6	Department of English & Cultural Studies	Vijeta Budhiraja	Politics and aesthetics of representation in cinematographic frames: A critical study of cinema Punjab	2022-02-28	Dr.Surbhi Goel

#### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
1	Department of English & Cultural Studies	

#### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
NIL							

**2. Details of Collaborative activities**

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
NIL									

**3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022**

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	8	0	8
Class rooms	6	0	6
Class rooms with Wifi/LAN facility	6	0	6
Class rooms with ICT facility (LCD/Projector)	2	0	2
No. of Research Labs	0	0	0
No. of Computer labs	1	0	1
Video Centre	0	0	0
Seminar Halls with ICT facility	2	0	2
Seminar Halls	1	0	1
No. of important equipments purchased (>= 10 lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0

**4. Details of Extracurricular Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
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**5. Activities to celebrate / organize national and international commemorative days, events and festivals**

Title of Event	From Date	To Date
English Studies In India: Some Reflections	27/07/2021	27/07/2021
Everything he touched : the art of becoming immaterial (a lecture on gandhi in the visual culture	10/09/2021	10/09/2021
How is social media changing anglophone literature in the us and india?	16/09/2021	16/09/2021
Control and creative freedom in india	24/09/2021	24/09/2021
The making of english studies : how did we get here	30/09/2021	30/09/2021
The post-independence india english novel	22/10/2021	22/10/2021

**6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

**7. Number of Patents Published/Awarded**

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

**8. Revenue generated through consultancy**

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

## FRENCH & FRANCOPHONE STUDIES

### SUMMARY OF PUBLICATIONS

After having shifted to Chandigarh in 1957 the Department of French & Francophone Studies has grown steadily, and is the most vibrant among foreign language departments. It is the only department among Indian universities in the North of Delhi which offers courses of all levels from Certificate to M.A and Ph.D. In an endeavor to keep pace with the changing times, and to participate in economic development, the course contents are revised and new components introduced from time to time. The infrastructure is continuously being upgraded and computers and projectors are also used in classrooms besides other audio-visual aids in foreign language teaching. New books are added every year to the department library 'Bibliothèque Michel Dèon' named after late Michel Dèon who was a renowned writer and member of Académie Française. The department arranges lectures by eminent scholars, encourages participation in extracurricular activities and organizes competitions under the aegis of the French Literary Society, of which all enrolled students become members. Many of our alumni have got placement in good multinational companies as well as in universities, colleges and schools in the country. The faculty participates regularly in national and international conferences to present papers and update skills.

### PUBLICATIONS

#### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Alok Pathak (Guest Faculty) (2021)	L'écriture dans les œuvres de Patric Modiano: entre le réel et L'irréel'; UGC Care listed BHU Vol.V; UGC Care listed BHU Vol.V	000	National

#### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
NIL				

#### DETAILS OF PUBLICATIONS

Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### DETAILS OF PUBLICATIONS

Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### Summary of Research Publications July 1, 2021 to June 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	Department of French & Francophone Studies	Book without ISBN	0	1	0	1

### RESEARCH SCHEMES

Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration(in years)	Principal Investigator and Research Team
NIL					



## SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT

### Details of Seminars, Conferences, and Workshops organized during the Academic Year

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
La vie à Montréal: mes expériences personnelles.	2022-04-26	2022-04-26	Deptt. of French & Francophone Studies	32
"Aperçus sur la littérature indo-océanique: une perspective indienne"	2022-03-15	2022-03-15	Deptt. of French & Francophone Studies	27
Le dynamisme de la pensée diderotenne	2021-10-23	2021-10-23	Dept. of French & Francophone Studies	39

## SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Department of French & Francophone Studies	Dr. Ramnik Aurora	World Poetry Day	other	Others	University	Mulk Raj Anand Auditorium Arts Block I PU	22/03/2022	22/03/2022	Dean International Students & Dept of English & Cultural Studies, PU
2	Department of French & Francophone Studies	Dr. Ramnik Aurora	Les outils cognitifs comme aide à l'apprentissage dans Comopolite	seminar	Others	International	Online	18/11/2021	18/11/2021	hachette Francais Langue Etrangere
3	Department of French & Francophone Studies	Dr. Ramnik Aurora	Je m'INSPIRE pour terminer mon année FLE 2021 en beauté!	webinar	Faculty Development Programme	National	Online	16/12/2021	16/12/2021	hachette Francais Langue Etrangere
4	Department of French & Francophone Studies	Dr. Ramnik Aurora	Skilling to enhance employability	webinar	Academic and Research Event	National	Online	30/06/2022	30/06/2022	NIELIT, mohali

### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
NIL					

### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
1	Department of French & Francophone Studies	

#### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
NIL	-	-	-	-	-	-	-

#### 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
NIL	-	-	-	-	-	-	-	-	-

### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	5	0	5
Class rooms	2	0	2
Class rooms with Wifi/LAN facility	1	0	1
Class rooms with ICT facility (LCD/Projector)	1	0	1
No. of Research Labs	0	0	0
No. of Computer labs	0	0	0
Video Centre	1	0	1
Seminar Halls with ICT facility	0	0	0
Seminar Halls	0	0	0
No. of important equipments purchased ( $\geq$ 10 lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0

### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
NIL		

### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

### 7. Number of Patents Published/Awarded

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

### 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

## GERMAN

### SUMMARY OF PUBLICATIONS

#### PUBLICATIONS

#### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
NIL			

#### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
NIL				

**DETAILS OF PUBLICATIONS****Full Papers Published in Proceedings of Conferences**

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

**DETAILS OF PUBLICATIONS****Articles Published in Newspapers**

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

**Summary of Research Publications July 1 ,2021 to June 30, 2022**

S.no	Department	Type of Journal	International	National	Others	Total
1	Department of German	Books	0	0	0	1

**RESEARCH SCHEMES****Sponsored Research Projects during the Academic Year 2021 - 2022**

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration(in years)	Principal Investigator and Research Team
NIL	NIL	0	0	Nil/NA	2021 - 2021	NIL

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT****Details of Seminars, Conferences, and Workshops organized during the Academic Year**

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
NIL	2021-07-01	2021-07-01	0	0

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY****3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022**

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
NIL										

**Ph.D. Awards****Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022**

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
NIL					

**MISCELLANEOUS****Any other noteworthy achievement of the department during this Academic Year 2021 - 2022**

S.no	Department	Achievement
NIL		

**1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities**

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
NIL							

**2. Details of Collaborative activities**

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
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NIL

**3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022**

Facilities	Existing	Newly Created/Added	Total
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NIL

**4. Details of Extracurricular Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
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NIL

**5. Activities to celebrate / organize national and international commemorative days, events and festivals**

Title of Event	From Date	To Date
NIL	01/07/2021	01/07/2021

**6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
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NIL

**7. Number of Patents Published/Awarded**

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
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NIL

**8. Revenue generated through consultancy**

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
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NIL

**HINDI**

**SUMMARY OF PUBLICATIONS**

**PUBLICATIONS**

**DETAILS OF PUBLICATIONS**

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
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NIL

**DETAILS OF PUBLICATIONS**

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Dr. Gurmeet Singh (2021)	Nanak Singh Ka Srijan Chintan; Samkalin Bhartiya Sahitya	Nil	Yes	Sahitya Akadami, Delhi
Dr. Gurmeet Singh (2021)	Rajinder Singh Bedi ki kahaniyo mein stri asmita; Parakh	2320-9690	Yes	Parakh, Deptt. of Punjabi, P.U. Chd.

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Dr. Gurmeet Singh (2021)	Sochna Prodyogikiki Karnti Ki Vahak; Harigandha	Nil	No	Haryana Sahitya Academy, Panchkula
Dr. Gurmeet Singh (2021)	Sri Guru Teg Bahadur Ki Vani Mein Lokmangal Ki Bhavana; Gagananchal	0971-1430	Yes	ICCR, New Delhi

#### DETAILS OF PUBLICATIONS

##### Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### DETAILS OF PUBLICATIONS

##### Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

##### Summary of Research Publications July 1, 2021 to June 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	Department of Hindi	Peer Review Journals	0	1	2	3
2	Department of Hindi	e-Journals	0	0	1	1

#### RESEARCH SCHEMES

##### Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
NIL					

#### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT

##### Details of Seminars, Conferences, and Workshops organized during the Academic Year

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Mulya evam Kaushal Adharit Nai Shiksha Niti Aur Kabir Ke Sandarbh	2022-06-02	2022-06-02	Department of Hindi, Pondicherry University	68
Dhyan Yog Shivir	2022-06-07	2022-06-07	Department of Hindi, Pondicherry University	84
Bhartiya Nari Ke Adarsh	2022-03-09	2022-03-09	Department of Hindi, Pondicherry University	65
Swami Vivekanand Se Yuvao Ko Prerna	2022-01-12	2022-01-12	Department of Hindi, Pondicherry University	78
Devnagri Lipi Aur Hindi Vartani ka Mankikaran	2021-09-14	2021-09-14	Department of Hindi, Pondicherry University	75
Godan Mein Bhartiyaata	2021-07-31	2021-07-31	Department of Hindi, Pondicherry University	80

#### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

##### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Department of Hindi	Dr. Gurmeet Singh	Visiting Professor at Tashkent State	other	Faculty Exchange Programme	International	Tashkent State Institute of Oriental Studies,	05/10/2021	30/11/2021	Tashkent State Institute of Oriental Studies,

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
			University of Oriental Studies				Higher educational institution in Tashkent, Uzbekistan			Higher educational institution in Tashkent, Uzbekistan
2	Department of Hindi	Dr. Gurmeet Singh	ICCR Chair of Hindi at Naples L' Orientale, Italy	other	Faculty Exchange Programme	International	naples L' Orientale, Italy	13/04/2022	30/06/2022	naples L' Orientale, Italy
3	Department of Hindi	Dr. Gurmeet Singh	Refresher Course in Indian Languages -Hindi Patrakarita Mein Rashtriya Chetna	other	Refresher Course	University	Deptt. of Hindi, Panjab University Chandigarh (Online)	24/03/2022	24/03/2022	UGC-HRDC
4	Department of Hindi	Prof. Bajjnath Prasad	Coordinator in Refresher Course in Indian Languages	other	Refresher Course	University	Deptt. of Hindi, Panjab University Chandigarh (Online)	18/03/2022	31/03/2022	UGC-HRDC
5	Department of Hindi	Dr. Gurmeet Singh	Refresher Course in Indian Languages- Nation & Hindi Patrakarita	other	Refresher Course	University	Deptt. of Hindi, Panjab University Chandigarh (Online)	24/03/2022	24/03/2022	UGC-HRDC
6	Department of Hindi	Prof. Ashok Kumar	Refresher Course in Indian Languages -Nation & Hindi Literature	other	Refresher Course	University	Deptt. of Hindi, Panjab University Chandigarh (Online)	28/03/2022	28/03/2022	UGC-HRDC
7	Department of Hindi	Dr. Gurmeet Singh	Science, Social Sciences and Humanities: A Quest for Interdisciplinary Understanding	Professional Development Programmes	Faculty Development Programme	National	PGGCG, Sec-11, Chandigarh	06/08/2021	12/08/2021	PGGCG, Sec-11, Chandigarh
8	Department of Hindi	Dr. Gurmeet Singh	Sri Guru Nanak & His Message to Humanity: A Linquistic & Communication Perspective	other	Universal Values and Ethics	International	University of Naples "L'Orientale", Naples	13/06/2022	13/06/2022	University of Naples "L'Orientale", Naples
9	Department of Hindi	Dr. Gurmeet Singh	75 Illustrious personalities of the Vibrant India Series	other	Academic and Research Event	Other	DME Media Scholl, Delhi Metropolitan Education, Noida	07/12/2021	07/12/2021	DME Media Scholl, Delhi Metropolitan Education, Noida
10	Department of Hindi	Dr. Gurmeet Singh	Matra Bhasha Diwas	other	Academic and Research Event	University	Deenbandhu Chhotu Ram University Of Science And Technology, Murthal Sonipat (Haryana)	21/02/2022	21/02/2022	Deenbandhu Chhotu Ram University Of Science And Technology, Murthal Sonipat (Haryana)
11	Department of Hindi	Dr. Gurmeet Singh	Sanskar Upanyak Ka Sanskritik Paksh Aur Uske Anuvad Ki Chunotiya	conference	Academic and Research Event	International	Indraprastha College for Women, University of Delhi	06/06/2022	06/06/2022	Indraprastha College for Women, University of Delhi

### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	Department of Hindi	Rajpal	Ikkisavin Sadi Ke Pravasi Parivesh Ke Hindi Upanyason Mein Jeewan Moolya	0000-00-00	Prof. Hardeep
2	Department of Hindi	Sushma Devi	Badri Singh Bhatiya Ke Katha Sahitya Ka Monovaigyanik Adhyayan	0000-00-00	Dr. Ashok Kumar
3	Department of Hindi	Sapana	sharad Singh Ke Sahitya Mein Nari-Vimarsh	0000-00-00	Prof. Neerja Sood
4	Department of Hindi	Sudha Mehla	21vi Shatabdi ke Upanyason ka manovaigyanic adhyayan	0000-00-00	Prof. R.P.S. Josh
5	Department of Hindi	Maninder Jeet Kaur	Kavyabhasha Kee Drishti Se Guru Gobind Singh Ke Kavya Ka Vishleshan	0000-00-00	Prof. Baijnath Prasad
6	Department of Hindi	Sondeep	Samajik Chetna Ke Sandarbh Mein Vinod Babbar Ka Rachna-Sansar	0000-00-00	Prof. Mukesh Kumar Arora
7	Department of Hindi	Ramesh Kumar	Ikkeesaveen Sadi Ke Hindi Upanyason Mein Aadiva Chetna	0000-00-00	Prof. Mukesh Kumar Arora
8	Department of Hindi	Harpreet Kaur	Harikrishna Devsare Ke Katha Sahitya Mein Bal Manovigyan	0000-00-00	Prof. Mukesh Kumar Arora
9	Department of Hindi	Manisha	21VIN Sadi Ke Pramukh Hindi Upanyason Mein Mansik Pratadna-Nari Ke Sandarbh Mein (San 2000 SE SAN 2014 TAK	0000-00-00	Prof. Rajinder Jain
10	Department of Hindi	BALJEET KAUR	Shailivigyan Kee Drishti Se Guru Gobind Singh Ke Kavya Ka Vishleshan	0000-00-00	Prof. Baijnath Prasad
11	Department of Hindi	Gurpreet Kaur	Natya Shilp Ki Drishti Se Meera Kant Ke Natkon Ka Vishleshan	0000-00-00	Dr. Aditya Angiras

### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
NIL		

#### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
NIL							

#### 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
NIL									

#### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	12	0	12

<b>Facilities</b>	<b>Existing</b>	<b>Newly Created/Added</b>	<b>Total</b>
Class rooms	2	0	2
Class rooms with Wifi/LAN facility	2	0	2
Class rooms with ICT facility (LCD/Projector)	1	0	1
No. of Research Labs	1	0	1
No. of Computer labs	0	0	0
Video Centre	0	0	0
Seminar Halls with ICT facility	1	0	1
Seminar Halls	0	0	0
No. of important equipments purchased (>= 10 lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0

#### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

<b>Title</b>	<b>No. of participants (Students and Staff)</b>	<b>Venue</b>	<b>From Date</b>	<b>To Date</b>
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#### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

<b>Title of Event</b>	<b>From Date</b>	<b>To Date</b>
Munshi Prem Chand Jayanti	31/07/2021	31/07/2021
Hindi Divas	14/09/2021	14/09/2021
Rashtriya Yuva Divas	12/01/2022	12/01/2022
Antrashtriya Mahila Divas	09/03/2022	09/03/2022

#### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

<b>Title</b>	<b>No. of participants (Students and Staff)</b>	<b>Venue</b>	<b>From Date</b>	<b>To Date</b>
NIL				

#### 7. Number of Patents Published/Awarded

<b>SNo</b>	<b>Patent</b>	<b>Author</b>	<b>Date</b>	<b>Status</b>	<b>National/ International</b>	<b>Patent Number/ Application Number</b>

#### 8. Revenue generated through consultancy

<b>SNo</b>	<b>Name of Consultancy Project</b>	<b>Name of the Consultant</b>	<b>Consulting/Sponsoring Agency</b>	<b>Project Date</b>	<b>National/ International</b>	<b>Revenue Generated (INR)</b>

## SCHOOL OF PUNJABI STUDIES

#### SUMMARY OF PUBLICATIONS

School of Punjabi Studies: The School has the following five units 1. Department of Punjabi: The Department was established in 1948 at Amritsar. Later on, it was shifted to Panjab University in 1957. Its founder head Dr. Mohan Singh Diwana was eminent scholar of Persian, Sanskrit, Punjabi and oriental languages. Prof. Surinder Singh Kohli, Prof. Harnam Singh Shaan, Prof. Vishwa Nath Tiwari, Prof. Attar Singh, Dr. Balbir Singh Sandhu and Prof. Kesar Singh Kesar are the scholars of repute in Punjabi Literary world. This is a premier institution in the Northern-India. At present, all faculty members are well-known in their areas of specialization and research. In the past, many National and International level seminars, Extension Lectures and two World Punjabi Conferences were organized. At present, Prof. Sukhdev Singh, Prof.



Yograj and Prof. Sarabjit Singh have their expertise in the study of Modern Punjabi poetry. Prof. Nahar Singh, Prof. Jagjit Singh and Prof. Joginder Singh Nehru (re-employed) have significantly contributed in the areas of Culture, Folklore, Fiction and linguistics. The Research Journal 'Parkh' ISSN 2320-9620 enlisted UGC care list published bi-annually. 2. Punjabi Lexicography Department: It was established in 1972. Initially, 'English-Punjabi Dictionary' was the project of Punjab Govt. Prof. Attar Singh was the former Chief Editor of this project. In 1980 above mentioned project was converted into the Department of Punjabi Lexicography. Dr. O.P. Vashishat has served as Head, at present Prof. Uma Sethi and Dr. Akwinder Kaur Tanvi have expertise in Lexical field. There are seven faculty members exist in the Department English-Punjabi dictionary published by Punjab State University Text Book Board in collaboration with Punjab University. For the compilation of this dictionary the pattern adopted from concise Oxford dictionary for English vocabulary and Webster's Third New International Dictionary as the model of the lexical data. At present two monolingual subject dictionaries (1) 'Punjabi Natak Alochana Shabdavali Kosh' is completed. Whereas 'Punjabi-English Bilingual Dictionary' and 'Kav Alochana Shabdavli Kosh' is likely to be printed. 3. Sheikh Baba Farid Chair: The Chair was established in 1976. The Chair is devoted primarily to the study of Medieval Punjabi Literature with emphasis on comparative studies with Medieval Northern Indian Literature especially Urdu and Hindi. The Chair organises seminars and symposia on comparative religions and Bhakti Literature. 4. Bhai Vir Singh Chair: The Chair organises, 'Meet Your Writers' series to provide opportunities to the students to understand the process of creativity. The Chair Organises Conferences, Symposia and Workshops for the teachers and the students of the University. A poet's from different Indian Languages Workshop is organised every year. 5. Shiv Kumar Batalvi Chair: This Chair is established on the name of eminent Punjabi poet Shiv Kumar Batalvi in 2018. In 2018, the Shiv Kumar Batalvi Professorship was upgraded to Chair Professorship to promote research in the field of Modern, Contemporary Punjabi Poetry and criticism The Department is going to publish a special issue of Research Journal PARKH in 2022.

## PUBLICATIONS

### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Dr. Akwinder Kaur Tanvi (2021)	Akaal Main Utsav; Akaal Main Utsav; Unistar Books Pvt. Ltd.	978-93-5205-671-2	National
Dr. Akwinder Kaur Tanvi (2021)	Changa Vakta Kive baniya; Changa Vakta Kive baniya; Saptrishi Publication Chandigarh	978-93-86632-21-0	National
Prof. Sarabjit Singh (2022)	Dr. Tejwant Singh Gill da Sameekha Chintan; Tejwant Singh Gill : Khojkar te Parkhkar; Navyug Publishers, New Delhi.	978-81-7599-456-0	National
Prof. Sarabjit Singh (2022)	Karam Singh Mann da Katha Vivek; Karam Singh Mann Dian Kahanian da Katha Vivek; Unistar Book, Chandigarh	978-93-5205-638-5	National
Prof. Sarabjit Singh (2021)	Lok Kaav Vich Namdhari Lehar Da Bimb; Satguru Ram Singh Ate Kuka Lehar; Publication Bureau, Panjab University, Chandigarh	81-85322-88-0	National
Prof. Sarabjit Singh (2022)	N.A.; Jallianwala Bagh : Remembrance and Resonance; Saptrishi Publication, Chandigarh	978-93-94769-11-3	National
Prof. Sarabjit Singh (2022)	N.A.; Punjabi-English Dictionary; Publication Bureau, Panjab University, Chandigarh	81-85322-93-7	National

### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Dr. Akwinder Kaur Tanvi (2021)	Anuvad: Sindhatik ate Vivhark Paripekh; Parkh	2320-9690	Yes	Registrar Panjab University Chandigarh

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Dr. Akwinder Kaur Tanvi (2022)	Dr. Sadhu Singh Rachit Punjabi Boli di Virasat; Shabad Boond	2456-544X	Yes	Haryana Punjabi Sahit Academy
Dr. Akwinder Kaur Tanvi (2022)	Guru Tegh Bahadur ji di Bani da Bhashai Saroop; Samdarsi (January-February, 2022)	2581-3986	Yes	Punjabi Sahit Academy, Delhi
Dr. Akwinder Kaur Tanvi (2022)	Kosh Nirmamkari: Kujh Buniyadi Tatt; Shabad BoOnd	2456-544X	Yes	Haryana Punjabi Sahit Academy
Prof. Yog Raj (2022)	Shiv Kumar di Kavita da Lokdharai Avchetan; PARKH, Punjabi Research Journal	2320-9690	Yes	Department of Punjabi, Panjab University, Chandigarh.
Prof. Yog Raj (2022)	Tarsem di Kaav-Kitab 'Kamrean ton Bahar Baitha Ghar' da Kaav-Chintan; Akhar (June-July-August, 2022)	Nil	No	Sanjh Organization
Dr. Akwinder Kaur Tanvi (2022)	Vartmaan Same Vich Punjabi Bhasha di sathiti ate sambhavnava; Aabroo	2456-253X	Yes	Aabroo Office Jammu

#### DETAILS OF PUBLICATIONS

##### Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### DETAILS OF PUBLICATIONS

##### Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### Summary of Research Publications July 1 ,2021 to June 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	School of Punjabi Studies	Peer Review Journals	0	6	0	6
2	School of Punjabi Studies	Non Peer Review Journals	0	1	0	1
3	School of Punjabi Studies	Book with ISBN	0	5	0	5
4	School of Punjabi Studies	Edited Books	0	2	0	2

#### RESEARCH SCHEMES

##### Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration(in years)	Principal Investigator and Research Team
NIL					

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT**

**Details of Seminars, Conferences, and Workshops organized during the Academic Year**

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
NIL				

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY**

**3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022**

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	School of Punjabi Studies	Prof. Sarabjit Singh	Punjabi Yuva Parwas: Vartman Paripekh	Seminar	Social Issues	National	Khalsa College, Amritsar	02/03/2022	03/03/2022	Punjabi Adhyan Vibhag
2	School of Punjabi Studies	Dr. Sarabjit Singh	Baba Farid Bani: Samkali Komantri Prsangikta	Webinar	Universal Values and Ethics	International	Lok Chetna Manch Haryana, Rattia	23/09/2021	23/09/2021	Haryana Punjabi Sahit Academy
3	School of Punjabi Studies	Prof. Sarabjit Singh	Suballtern Sensibility: Impact And Expression in Punjabi Literature /Society	Seminar	Social Issues	National	Sahitya Akademi, Delhi	20/09/2021	21/09/2021	Sahitya Akademi
4	School of Punjabi Studies	Prof. Sarabjit Singh	Paragon of Humanity and Sacrifice: Sri Guru Teg Bahadur Ji	Seminar	Universal Values and Ethics	National	Guru Nanak Khalsa College for Women, Ludhiana	25/03/2022	26/03/2022	Guru Nanak Khalsa College for Women
5	School of Punjabi Studies	Prof. Sarabjit Singh	Gurpreet Di Kaav- Kitab, Rahak	Other	Social Issues	National	Panjab University	09/02/2022	09/02/2022	School of Punjabi Studies
6	School of Punjabi Studies	Prof. Yog Raj	Surmai Sham	other	Others	National	Dr. Mohinder Singh Randhawa Auditorium	02/02/2022	02/02/2022	Punjabi Arts Council
7	School of Punjabi Studies	Prof. Yog Raj	Samkali Punjabi Kavita: Drishtigochar Badlao	webinar	Social Issues	National	Punjabi University, Chandigarh (Online)	07/02/2022	07/02/2022	National Degree College, Fazilka
8	School of Punjabi Studies	Dr. Akwinder Kaur Tanvi	The New Education Policy: Opportunities & Challenges	seminar	Academic and Research Event	National	S.G.G.S Khalsa College Mahilpur	13/05/2022	13/05/2022	Internal Quality Assurance Cell
9	School of Punjabi Studies	Dr. Akwinder Kaur Tanvi	Guru Teg Bahadur SahibL Bani, Philosophy and Concerns	seminar	Academic and Research Event	National	Government College, Sector 46 Chandigarh	07/06/2022	07/06/2022	Haryana Punjabi Sahitya Academy, Panchkula

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
10	School of Punjabi Studies	Dr. Akwinder Kaur Tanvi	Santokh Singh Dheer Di Punjabi Sahit Nu Den	webinar	Academic and Research Event	International	Punjabi University Patiala	27/08/2021	28/08/2021	Punjabi Sahit Adhiyan Vibhag Punjabi University Patiala
11	School of Punjabi Studies	Dr. Akwinder Kaur Tanvi	8th All India Conference of Linguistics And Folklore	conference	Academic and Research Event	National	Kurukshetra	06/04/2022	08/04/2022	Dept. of Panjabi, Kurukshetra University

#### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	School of Punjabi Studies	Jang Bhadar	1990 Ton Baad Di Punjabi Kahani da Ship-Vidhan (Des Raj Kali, Ajmer Sidhu, Balwinder Grewal ate Nirmal Jaswal de parsang Vich)	0000-00-00	Dr. Chandar Mohan
2	School of Punjabi Studies	Pardeep Singh	Punjabi Arif Kaav : Sidhantik te Itihasik Sandarbh (Pal Singh Arif, Harnam Singh Arif, Sufi Sadhu Singh Arif and Sadhu Daya Singh Arif de Vishesh Sandarbh Vich)	0000-00-00	Dr. Akwinder Kaur Tanvi
3	School of Punjabi Studies	Sandeep Kaur	Malwe dian lok kahanian vich samsyawan te samadhaan	0000-00-00	Dr. bhupinder Kaur
4	School of Punjabi Studies	Gurwinder Kaur	Samkali punjabi kahani vich narrivadi sarokar	0000-00-00	Dr. Baljinder kaur
5	School of Punjabi Studies	Mamta Rani	1990 ton baad di punjabi kahani da vichardharai paripecth	0000-00-00	Dr. Baljinder Kaur
6	School of Punjabi Studies	Gurpreet Singh	manmohan bawa de galap vich itihaas, mithihaas baare parati-drishti	0000-00-00	Dr. sukhdev singh
7	School of Punjabi Studies	Deepak Kumar	dr. Jagtar di gazal chetna	0000-00-00	Dr. Sukhdev singh
8	School of Punjabi Studies	Navdeep Singh	Vishvikaran atePunjabi Kavita Da Drishtimulak Pratiutter	0000-00-00	Dr. Sukhdev Singh

#### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
1	School of Punjabi Studies	

#### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
NIL							

#### 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
NIL									

**3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022**

Facilities	Existing	Newly Created/Added	Total
NIL			

**4. Details of Extracurricular Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

**5. Activities to celebrate / organize national and international commemorative days, events and festivals**

Title of Event	From Date	To Date
NIL		

**6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

**7. Number of Patents Published/Awarded**

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

**8. Revenue generated through consultancy**

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

**PUNJABI LEXICOGRAPHY****SUMMARY OF PUBLICATIONS****PUBLICATIONS****DETAILS OF PUBLICATIONS****(Books/ Reference General/ Book Chapter/ Book Edited)**

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
NIL			

**DETAILS OF PUBLICATIONS****(Research Papers/ Review Article/ Editorial Article in Referred Journal)**

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
NIL				

**DETAILS OF PUBLICATIONS****Full Papers Published in Proceedings of Conferences**

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

**DETAILS OF PUBLICATIONS****Articles Published in Newspapers**

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

**Summary of Research Publications July 1, 2021 to June 30, 2022**

S.no	Department	Type of Journal	International	National	Others	Total
NIL						

**RESEARCH SCHEMES**

**Sponsored Research Projects during the Academic Year 2021 - 2022**

Sponsor Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration(in years)	Principal Investigator and Research Team
NIL					

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT**

**Details of Seminars, Conferences, and Workshops organized during the Academic Year**

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
NIL				

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY**

**3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022**

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
NIL										

**Ph.D. Awards**

**Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022**

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
NIL					

**MISCELLANEOUS**

**Any other noteworthy achievement of the department during this Academic Year 2021 - 2022**

S.no	Department	Achievement
NIL		

**1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities**

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
NIL							

**2. Details of Collaborative activities**

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
NIL									

**3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022**

Facilities	Existing	Newly Created/Added	Total
NIL			

**4. Details of Extracurricular Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

**5. Activities to celebrate / organize national and international commemorative days, events and festivals**

Title of Event	From Date	To Date
NIL		

**6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

**7. Number of Patents Published/Awarded**

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

**8. Revenue generated through consultancy**

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

**RUSSIAN****SUMMARY OF PUBLICATIONS****PUBLICATIONS****DETAILS OF PUBLICATIONS****(Books/ Reference General/ Book Chapter/ Book Edited)**

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Prof. Pankaj Malviya (2022)	Bachpan Ka Dost (Story); 21 Shreshth Balman Ki Kahaniyan; Diamond Book	978-93-5486-951-8	National

**DETAILS OF PUBLICATIONS****(Research Papers/ Review Article/ Editorial Article in Referred Journal)**

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Prof. Pankaj Malviya (2021)	Bholapan (Story by Anton Chekhov); Aadharsheela Sahityam	CHAHIN0473-RNI	No	Aadharsheela, Chandigarh
Prof. Pankaj Malviya (2022)	Bina Shirsak ki Kahani; Aadharsheela Sahityam	CHAHIN0473-RNI	No	Aadharsheela, Chandigarh

**DETAILS OF PUBLICATIONS****Full Papers Published in Proceedings of Conferences**

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

**DETAILS OF PUBLICATIONS****Articles Published in Newspapers**

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

**Summary of Research Publications July 1 ,2021 to June 30, 2022**

S.no	Department	Type of Journal	International	National	Others	Total
1	Department of Russian	Non Peer Review Journals	0	2	0	2
2	Department of Russian	Book with ISBN	0	1	0	1

**RESEARCH SCHEMES****Sponsored Research Projects during the Academic Year 2021 - 2022**

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration(in years)	Principal Investigator and Research Team
Nil	Nil	0	0	Nil/NA	2021 - 2021	Nil

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT****Details of Seminars, Conferences, and Workshops organized during the Academic Year**

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Nil	2022-01-03	2022-01-10	nil	0

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY****3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022**

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
NIL										

**Ph.D. Awards****Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022**

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
NIL					

**MISCELLANEOUS****Any other noteworthy achievement of the department during this Academic Year 2021 - 2022**

S.no	Department	Achievement
1	Department of Russian	NIL

**1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities**

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
NIL							

**2. Details of Collaborative activities**

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
NIL									



### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	2	0	2
Class rooms	0	0	0
Class rooms with Wifi/LAN facility	0	0	0
Class rooms with ICT facility (LCD/Projector)	0	0	0
No. of Research Labs	0	0	0
No. of Computer labs	0	0	0
Video Centre	0	0	0
Seminar Halls with ICT facility	0	0	0
Seminar Halls	0	0	0
No. of important equipments purchased (>= 10 lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0

### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL	0	nil	05/08/2021	17/06/2022

### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
Nil	01/01/2022	01/01/2022

### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL	0	NIL	02/07/2021	18/06/2022

### 7. Number of Patents Published/Awarded

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

### 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

## SANSKRIT

### SUMMARY OF PUBLICATIONS

The Department was established at Punjab University, LAHORE. Some eminent scholars like Prof. A.C.Woolner and Dr. Luxman Saroop were associated with the Sanskrit Department. Dr. Luxman Saroop the great oriental scholar who had been awarded the Ph.D. Degree under the supervision of Prof. A. A. Macdonell from Oxford University. Soon after the partition, the Department of Sanskrit was located temporarily at the D.A.V. College, Jalandhar. Dr. Surya Kant, the University Reader in Sanskrit, acted as Head of the Department and was assisted in the teaching by Shri Jagan Nath Agrawal as Lecturer. The Post-graduate teaching in Sanskrit was conducted in collaboration with the Sanskrit Department of D.A.V. College, Jalandhar. The Department was shifted on February 12, 1952 from the premises of the D.A.V. College to Kothi Mahboob Alam (Jalandhar City), as evacuee property was acquired by the Panjab University on rent. On October 21, 1952 Dr. Surya



**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT****Details of Seminars, Conferences, and Workshops organized during the Academic Year**

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Abhinav Sanskrit Lekhan	2021-09-17	2021-09-17	Prof. V.K.Alankar	40

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY****3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022**

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Department of Sanskrit	Prof. V.K.Alankar	वर्तमानसमस्यानां समाधानम् – गुरुकुल शिक्षापद्धतिः	seminar	Social Issues	National	Gurukul Kangri University, Haridwar	24/09/2021	24/09/2021	Gurukul Kangri University, Haridwar
2	Department of Sanskrit	Prof. V.K.Alankar	वर्तमान सन्दर्भ में रामायण की उपयोगिता	seminar	Universal Values and Ethics	University	Janta College, Kaul, Kurukshetra	19/10/2021	19/10/2021	Janta College, Kaul, Kurukshetra
3	Department of Sanskrit	Prof. V.K.Alankar	साहित्यसर्जना में हरियाणा का योगदान	seminar	Social Issues	State	M.M.D. Sanskrit college, Panckula	22/10/2021	22/10/2021	Haryana Sanskrit Academy
4	Department of Sanskrit	Prof. V.K.Alankar	Relevance of Sanskrit & its directions	seminar	Others	University	Post Graduate Govt. College for Girls, Sector 11, Chandigarh	30/11/2021	30/11/2021	PGGCG, Sector 11, Chandigarh
5	Department of Sanskrit	Prof. V.K.Alankar	पंजाब के सन्दर्भ में भारतीय ज्ञान परम्परा	other	Refresher Course	University	Jawahar Lal Nehru University, New Delhi	01/12/2021	01/12/2021	Jawahar Lal Nehru University, New Delhi
6	Department of Sanskrit	Prof. V.K.Alankar	21वीं शती में भगवद्गीता के मानवीयमूल्यों की प्रासंगिकता	other	Social Issues	National	I.G. National College, Ladwa	20/12/2021	20/12/2021	I.G. National College, Ladwa
7	Department of Sanskrit	Prof. V.K.Alankar	गीता के प्रेरक तत्त्व	other	Universal Values and Ethics	University	Maharishi Dayanand University, Rohtak	24/12/2021	24/12/2021	Maharishi Dayanand University, Rohtak
8	Department of Sanskrit	Prof. V.K.Alankar	Gender Sensitization in Sanskrit Literature	other	Refresher Course	University	Guru Nanak Dev University, Amritsar	27/12/2021	27/12/2021	GNDU, Amritsar
9	Department of Sanskrit	Prof. V.K.Alankar	Contribution of Dayanand to Indian Social Life	other	Gender Equality	University	Dean Student Welfare, PU, CHandigarh	12/02/2022	12/12/2021	DSW office, Panjab University, Chandigarh
10	Department of Sanskrit	Prof. V.K.Alankar	दयानन्द का वेदवेदांग व दार्शनिक लेखन – संशोधन की दिशा व दशा	seminar	Universal Values and Ethics	State	Maharishi Dayanand University, Rohtak	25/02/2022	25/12/2021	MDU, ROhtak
11	Department of Sanskrit	Prof. V.K.Alankar	International Poetry Day (Recited a Poem)	other	Others	University	Panjab University, Chandigarh.	22/03/2022	22/03/2022	Panjab University, Chandigarh

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
12	Department of Sanskrit	Prof. V.K.Alankar	वैदिक राष्ट्रबोध	other	Refresher Course	University	Panjab University, Chandigarh	28/03/2022	28/03/2022	Panjab University, CHandigarh

#### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	Department of Sanskrit	Anup Kumar	Śaivapurāṇagata Bhūgola : Eka Aitihāsika Adhyayana	2022-02-22	Prof. V.K.Alankar
2	Department of Sanskrit	Priyanka Kaliya	Samṣkṛta Nāṭyaśāstrīya Lakṣaṇom Ke Sandarbha Mem Pramukha Hindī Calacitrom Kā Samikṣātmaka Adhyayana	2022-02-22	Prof. Vikram Kumar
3	Department of Sanskrit	Pawan Kumar	Vartamāna Paripreksya Mem Smṛtiśāstrīya Nyāyavidhi : Eka Adhyayana	2022-03-17	Prof. Lakhvir Singh
4	Department of Sanskrit	Ramneek Sharma	Śrīmadbhāgavata Mem Prema Ke Vividha Pakṣa : Eka Adhyayana	2021-12-06	Dr. Sushma Alankar

#### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
1	Department of Sanskrit	1. Working towards the preservation of Sanskrit heritage through research on ancient texts like Epics, puranas, Agamas etc. 2. Encouraging projects of research which deal with the issues on race, gender and environment like status of women in ancient society, ecology and position of varnas. 3. Popularising Sanskrit by organising Sanskrit Day and Inter-University Sanskrit Competitions (Sloka Recitation, Extempore Speech, Sanskrit Kavi Sammelana etc.). 4. Encouraging the tradition of spoken Sanskrit, the department organises Sanskrit Speaking Course.

#### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
							NIL

#### 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
									NIL

#### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
Value of the equipment purchased during the year (Rs. in Lakhs)	0	62788	62788

#### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
				NIL

**5. Activities to celebrate / organize national and international commemorative days, events and festivals**

Title of Event	From Date	To Date
Sanskrit Parv	25/08/2021	25/08/2021
Global Handwashing Day	18/10/2021	18/10/2021
Dayanand Jayanti	12/02/2022	12/02/2022
Matribhasha Divas	21/02/2022	21/02/2022
International Women Day	08/03/2022	08/03/2022
Celebration of Traditional Indian New Year Vikrami Samvat 2079 and Vaisakhi festival	19/04/2022	19/04/2022
International Earth Day	22/04/2022	22/04/2022
International Yoga Day	21/06/2022	21/06/2022

**6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

**7. Number of Patents Published/Awarded**

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

**8. Revenue generated through consultancy**

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

**URDU**

**SUMMARY OF PUBLICATIONS**

**PUBLICATIONS**

**DETAILS OF PUBLICATIONS**

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Dr. Ali Abbas (2021)	Forward Irfan-I-Zaat-O-Kayenat ( Wisdom of the Soul and the Cosmos); Forward Irfan-I-Zaat-O-Kayenat ( Wisdom of the Soul and the Cosmos); White Falcon Publishing	978-1-63640-382-3	National
Dr. Ali Abbas (2022)	Sheri Aur Nasri Mutoon (Jaeze aur Mutalaye); Sheri Aur Nasri Mutoon (Jaeze aur Mutalaye); M.R. Publishing, New Delhi	978-93-90568-864	National
Dr. Ali Abbas (2022)	Sipehr-e-Adabiyat-e-Farsi; Sipehr-e-Adabiyat-e-Farsi; Markazi Publications, New Delhi	978-93-911057-85	National

**DETAILS OF PUBLICATIONS**

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Dr. Ali Abbas (2021)	Alami General Knowledge Adad ki Raushani Mein; Urdu Science	0971-5711	No	Urdu Science

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Dr. Ali Abbas (2022)	Khwateen-e-Tamilanado ki Roshan Tahrire'n"; Urdu Book Review	09719288	No	Mohammad Arif Iqbal
Dr. Ali Abbas (2021)	Krishna Kumar Toor: Kaleem-e-Sukhan; Tasalsul	2348-277X	Yes	Department of Urdu, Jammu University.
Dr. Ali Abbas (2022)	Mahatma Gandhi, Samaji Insaf aur Urdu; Urdu Book Review	09719288	No	Mohammad Arif Iqbal
Dr. Ali Abbas (2021)	Murasilaat; Urdu Book Review	09719288	No	Mohammad Arif Iqbal

#### DETAILS OF PUBLICATIONS

##### Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### DETAILS OF PUBLICATIONS

##### Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### Summary of Research Publications July 1, 2021 to June 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	Department of Urdu	Peer Review Journals	0	1	0	1
2	Department of Urdu	Non Peer Review Journals	0	4	0	4
3	Department of Urdu	Books	0	2	0	2
4	Department of Urdu	Chapter in a book	0	1	0	1

#### RESEARCH SCHEMES

##### Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
NIL NIL	0	0	Nil/NA	2021 - Till Date	NIL

#### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT

##### Details of Seminars, Conferences, and Workshops organized during the Academic Year

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
NIL	2021-07-01	2021-07-01	NIL	0
Urdu short Story Writers of Jammu & Kashmir	2021-07-05	2021-07-05	Department of Urdu, Pu, chd.	45
Urdu Day	2021-11-19	2021-11-19	Department of Urdu, PU, Chd.	42
Kashmiri Lal Zakir Annual Memorial Lecture	2021-12-23	2021-12-23	Department of Urdu, PU, Chd.	52

<b>Title of the Event</b>	<b>From Date</b>	<b>To Date</b>	<b>Name of Coordinator / Convener</b>	<b>Number of Participants</b>
Ghalib Day	2021-12-28	2021-12-28	Department of Urdu, PU, Chd.	47
International Mother Tongue Day Celebration	2022-02-21	2022-02-21	Department of Urdu, PU, Chd.	40
Tradition of Urdu Poetry and Baba Bulle Shah	2022-02-24	2022-02-24	Department of Urdu, PU, Chd.	43
World Poetry Day & Celebrates Sahir Ludhianvi Birthday	2022-03-21	2022-03-21	Department of Urdu, PU, Chd.	50
Birthday Celebrated of Urdu Poet Jigar Muradabadi	2022-04-06	2022-04-06	Department of Urdu, PU, Chd.	45
Bait Bazi	2022-05-20	2022-05-20	Department of Urdu, PU, Chd.	70
Condolence Regarding Prof. Gopi Chand Narang	2022-06-17	2022-06-17	Department of Urdu, PU, Chd.	25
Importance of Translation	2022-06-20	2022-06-20	Department of Urdu, PU, Chd.	35

### **SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY**

#### **3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022**

<b>S.no</b>	<b>Department</b>	<b>Name</b>	<b>Title of event</b>	<b>Type</b>	<b>Special Category</b>	<b>Level</b>	<b>Place</b>	<b>From Date</b>	<b>To Date</b>	<b>Organized By</b>
1	Department of Urdu	Dr. Ali Abbas	The Philosophy and Poetry of Mohammad Iqbal from a Bildung Perspectiva	webinar	Human Rights	International	Denmark	23/09/2021	23/09/2021	Global Bildung Festival
2	Department of Urdu	Dr. Ali Abbas	Krishna Chandra ke Afsano'n mein Maujood Ehtijaji Khutoot	seminar	Academic and Research Event	National	Malerkotla	12/03/2022	13/03/2022	Afsana Club
3	Department of Urdu	Dr. Ali Abbas	Celebration of World Poetry Day	other	Academic and Research Event	University	Chandigarh	22/03/2022	22/03/2022	Dean International Students and Department of English, P.U, Chd.
4	Department of Urdu	Dr. Ali Abbas	Jashn-e-Ghalib	other	Academic and Research Event	National	Faridkot	19/12/2021	19/12/2021	Literary Club
5	Department of Urdu	Dr. Ali Abbas	Educational Status of Muslim Community	webinar	Social Issues	National	Panjab University, Chandigarh	11/02/2022	11/02/2022	Centre for the Study of Social Exclusion and Inclusive Policy

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
6	Department of Urdu	Dr. Ali Abbas	Urdu Teachers Training Workshop	workshop	Summer/Winter School Workshop etc	State	Punjab Urdu Academy, Malerkotla	07/03/2022	07/03/2022	Punjab Urdu Academy

### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	Department of Urdu	Zaheer Haider	Intizar Husain Ba Haisiyat Noval Nigaar	2022-05-06	Dr. Ali Abbas

### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
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#### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
1	Department of Urdu	NIL	NIL	NIL	01/07/2021	01/07/2022	Nil/NA

#### 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
1	Department of Urdu	NIL	NIL	NIL	01/07/2021	NIL/NA	NIL	NIL	01/07/2021

#### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	3	0	3
Class rooms	1	0	1
Class rooms with Wifi/LAN facility	0	0	0
Class rooms with ICT facility (LCD/Projector)	0	0	0
No. of Research Labs	0	0	0
No. of Computer labs	0	0	0
Video Centre	0	0	0
Seminar Halls with ICT facility	0	0	0
Seminar Halls	0	0	0
No. of important equipments purchased ( $\geq$ 10 lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0



**4. Details of Extracurricular Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

**5. Activities to celebrate / organize national and international commemorative days, events and festivals**

Title of Event	From Date	To Date
NIL	01/07/2021	01/07/2021

**6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

**7. Number of Patents Published/Awarded**

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
-	-	-	-	-	--	-

**8. Revenue generated through consultancy**

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

**VISHVESHVARANAND VISHWA BANDHU INSTITUTE OF SANSKRIT AND  
INDOLOGICAL STUDIES**

**SUMMARY OF PUBLICATIONS****PUBLICATIONS****DETAILS OF PUBLICATIONS****(Books/ Reference General/ Book Chapter/ Book Edited)**

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
NIL			

**DETAILS OF PUBLICATIONS****(Research Papers/ Review Article/ Editorial Article in Referred Journal)**

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
NIL				

**DETAILS OF PUBLICATIONS****Full Papers Published in Proceedings of Conferences**

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

**DETAILS OF PUBLICATIONS****Articles Published in Newspapers**

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

**Summary of Research Publications July 1 ,2021 to June 30, 2022**

S.no	Department	Type of Journal	International	National	Others	Total
NIL						

**RESEARCH SCHEMES****Sponsored Research Projects during the Academic Year 2021 - 2022**

Sponsor Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration(in years)	Principal Investigator and Research Team
NIL					

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT****Details of Seminars, Conferences, and Workshops organized during the Academic Year**

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Patanjali Yoga Sutra	2022-02-07	2022-02-28	Prof. S.K. Sarangi	30
Prevent and Promote Health of People through Ayurveda	2022-01-03	2022-01-03	Prof. S.K. Sarangi	30

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY****3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022**

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
NIL										

**Ph.D. Awards****Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022**

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
NIL					

**MISCELLANEOUS****Any other noteworthy achievement of the department during this Academic Year 2021 - 2022**

S.no	Department	Achievement
NIL		

**1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities**

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
NIL							

**2. Details of Collaborative activities**

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
NIL									

**3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022**

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	11	0	11
Class rooms	6	0	6
Class rooms with Wifi/LAN facility	0	0	0
Class rooms with ICT facility (LCD/Projector)	1	0	1

Facilities	Existing	Newly Created/Added	Total
No. of Research Labs	0	0	0
No. of Computer labs	1	0	1
Video Centre	0	0	0
Seminar Halls with ICT facility	1	0	1
Seminar Halls	1	0	1
No. of important equipments purchased ( $\geq$ 10 lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0

#### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

#### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
NIL		

#### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

#### 7. Number of Patents Published/Awarded

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

#### 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

## LAWS

### SUMMARY OF PUBLICATIONS

The Department of Laws, originally established at Lahore in 1889, was re-established at Shimla in 1948, shifted to Jalandhar in 1950 and finally re-located at the University Campus at Chandigarh in 1959. Its Alumni include Judges of the Supreme Court and High Courts, Union Cabinet Ministers, State Chief Ministers, Cabinet Ministers, Ambassadors, Senior Bureaucrats, Police Officers and other legal luminaries. Department of Laws has produced a large number of distinguished alumni who have contributed immensely to the cause of the nation building such as Sushma Swaraj, Justice V.K. Bali, Justice Ashok Bhan and Chief Minister of Punjab Charanjit Singh Channi. The Department provides practical training to LL.B. students. Students of 1st year participated in the project based learning make their presentations students of 2nd year participate in moots. Students of 3rd year undergo their internship with empaneled Lawyers, Judicial Officers of Courts/ Commissions / Tribunals/ Boards etc. for three weeks. Every year the students of the departments are sent to the Supreme Court of India as a part of the practical training program. It has established a Legal Aid Clinic-cum-Arbitration Centre as well as a Placement Cell. The Department has provision for special lectures in memory of Justice Mehr Chand Mahajan and S. Ajit Singh Sarhadi. These lectures have been delivered over the years by eminent persons such as Justice V.K. Krishna Iyer, Justice V.S. Deshpande, Professor Upendra Baskhi, Dr. L.M. Singhvi, Professor Mool Chand Sharma, Justice J.S.

Verma, Mr. Soli J. Sorabee, Prof. M.R. Madhava Menon and Prof. B.S. Chimni. Library at department of laws provide a blend of services with books, journals, newsletter and e-databases at one place. It has significant number of 47400 books inclusive of age old manuscripts and text books. It provides access to the online data bases of full text judgements of Supreme Court and all the High Courts of India, and e-laws books such as Manupatra, Lexis Advances, Thomson Reuters Proview, Cambridge University Press, Oxford University Press Package and Sage. The Department has also distinction of having Depository Library for United Nations with more than 9000 documents. The Department regularly publishes a Law Journal (Panjab University Law Review). The Department has its Moot and Debate Society, which give students an opportunity to explore their talent.

## PUBLICATIONS

### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Prof. Jyoti Rattan (2022)	Business Laws; Business Laws; Bharat Law House PVT. LTD. New Delhi	978-93-93749-78-9	National
Prof. Jyoti Rattan (2022)	Company law; company law; bharat law house pvt. Ltd. New Delhi	978-93-90854-41-7	National
Prof. Jyoti Rattan (2022)	Contract Act; Contract Act; BHARAT LAW HOUSE PVT. LTD. New Delhi	978-93-93749-77-2	National
Rohtash (2022)	COVID-19 Vaccination Programme: Issues and Challenges; Social and Legal Impact of COVID-19 on Women; Social and Legal Impact of COVID-19 on Women	978-93-93239-41-9	National
Prof. Jyoti Rattan (2022)	Cyber Laws & Information Technology; Cyber Laws & Information Technology; Bharat Law House Pvt. Ltd. New Delhi	978-93-93749-29-1	National
Dr. Vibhuti Nakta (2022)	Cybersquatting: Need for Protection of Domain Names in the Realm of Cyberspace; IGI Global; IGI Global		International
Prof. Supinder Kaur (2022)	Family Law – Problems, solutions and Perspectives; Family Law – Problems, solutions and Perspectives; Shree Ram Law House, Chandigarh.	978-93-87047-46-4	National
Dr. Vibhuti Nakta (2022)	Impact Of Covid 19 On Women; Social And Legal Impact Of Covid-19 On Women; redshine publishers	: 978-93-93239-41-9	National
Prof. Vandana Arora (2022)	Impact of Covid 19 Pandemic on Indian Economy & NPA Management In Banking Sector; Law and Economics; BR International Publishers	978-81-89974-73-2	International
Aishwarya Jagga (2022)	Impact Of The Covid-19 Pandemic On Cyber Crimes; Lectures On Law Relating To Information Technology And Cyber Crimes; University Book House Pvt. Ltd. Jaipur	: 978-93-90672-20-2	National
Prof. Supinder Kaur (2021)	Law And Gender From The Perspective Of Baba Saheb – An Analysis Through His Vision, Then And Today; Ambedkar’s Milestones on the Roadmap of Indian Constitution; Thomson Reuters	978-9390673544	International
Prof. Devinder Singh (2022)	Law, Religion and Secularism; Law, Religion and Secularism; SLM Publishers	978-9391083-41-0	National
Prof. Jyoti Rattan (2022)	Public International Law; Public International Law; Bharat Law House Pvt. Ltd. New Delhi	978-93-93749-79-6	National
Prof. Jyoti Rattan (2022)	Right to Information Act; Right to Information Act; Bharat Law House Pvt. Ltd. New Delhi	978-93-93749-30-7	National

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISBN Number</b>	<b>State/ National/ International</b>
Prof. Jyoti Rattan (2022)	Sale of Goods Act; Sale of Goods Act; Bharat Law House Pvt. Ltd. New Delhi	978-93-93749-22-2	National
Prof. Jyoti Rattan (2022)	Specific Relief Act; Specific Relief Act; Bharat Law House PVT. Ltd. New Delhi	978-93-93749-76-5	National
Prof. Jyoti Rattan (2022)	Taxation Laws; Taxation Laws; Bharat Law House Pvt. Ltd. New Delhi	978-93-93749-14-7	National
Prof. Jyoti Rattan (2022)	United Nations, Human Rights, IHL & ICL; United Nations, Human Rights, IHL & ICL; Bharat Law House Pvt. Ltd. New Delhi	978-93-93749-03-1	National
Prof. Vandana Arora (2022)	Vertical Restriant in indian Automobile Industry An Economic Analysis vis-a-vis Competition Law; Law and Economics; BR International Publishers	978-81-89974-73-2	International

### **DETAILS OF PUBLICATIONS**

**(Research Papers/ Review Article/ Editorial Article in Referred Journal)**

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISSN Number</b>	<b>Peer Reviewed (Y/N)</b>	<b>Publisher</b>
Prof. Devinder Singh (2021)	Academic Integrity, Research Ethics and Issue of Plagiarism; Shrinkhla Ek Shodhparak Vaicharik Patrika	2321-290X	Yes	nil
Rohtash (2021)	Academic Integrity, Research Ethics and Issue of Plagiarism; Shrinkhla Ek Shodhparak Vaicharik Patrika, Vol. 9, Issue 1	2321-290X	Yes	Shrinkhla Ek Shodhparak Vaicharik Patrika
Prof. Vandana Arora (2021)	Constitutional And Judicial Safeguards In Favour Of Indian Women; Panjab University Law Review, Vol-60, Part 1	0971-5541	Yes	Panjab University Law Review
Rohtash (2021)	Distributive Justice and Global Public Healthcare system With Special Refence to COVID-19 vaccination Programme; Kala The Journal of Indian Art History Congress	0975-7945	Yes	Kala The Journal of Indian Art History Congress
Rohtash (2022)	Egalitarian and Utilitarian Philosophy in Indian Constitution; Kala The Journal of Indian Art History Congress, Vol. 28, No. 1	0975-7945	Yes	Kala The Journal of Indian Art History Congress
Prof. Vandana Arora and Dr. Reena Kansal (2021)	Executive Legislations Vis-À-Vis Parliamentary Legislations In India: An Analysis; Panjab University Law Review, Vol 60, Part-2	0971-5541	Yes	Panjab University Law Review
Ajayita Sandhu (2021)	Incarceration Not The End Of Fundamental Rights: A Constitutional Perspective On The Rights Of Prisons; Panjab University Law Review Journal, Volume 60 Part 1	0971- 5541	Yes	Panjab University Law Review Journal
Dr. Dinesh Kumar, Rajinder Kaur and	Legal Analysis of Artificial Intelligence in Corporate Board Rooms; Turkish Journal of Computer and Mathematics Education, Vol 12, No. 7, 2021	1514-1521	Yes	Turkish Journal of Computer and

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Puneetish Kaur (2021)				Mathematics Education
Prof. Devinder Singh (2021)	The Law of Contempt of Court in India and England: An Analysis; Asian Resonance	0976-8602	Yes	nil
Rohtash (2021)	The law of Contempt of Court in India and England: An Analysis; Asian Resonance, Vol. 10, Issue 3	0976-8602	Yes	Asian Resonance

#### DETAILS OF PUBLICATIONS

##### Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### DETAILS OF PUBLICATIONS

##### Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### Summary of Research Publications July 1 ,2021 to June 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	Department of Laws	Peer Review Journals	1	9	0	10
2	Department of Laws	Book with ISBN	2	12	0	14
3	Department of Laws	Books	0	1	0	1
4	Department of Laws	Chapter in a book	2	2	0	4

#### RESEARCH SCHEMES

##### Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration(in years)	Principal Investigator and Research Team
NIL					

#### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT

##### Details of Seminars, Conferences, and Workshops organized during the Academic Year

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Role Of Social Media In Governance	2021-08-06	2021-08-06	Department of Laws of laws, Panjab University, Chandigarh	200
Functioning Of National Commission For Scheduled Castes	2021-09-08	2021-09-08	Department of Laws of laws, Panjab University, Chandigarh	250
Violence Against Non Resident Indian Women : Challenges and Solutions and Prevention of Domestic Violence Against Women	2021-09-25	2021-09-25	Department of Laws of laws, Panjab University, Chandigarh	200
Bhart ki Azadi ka Amrit Mahotsav and Constitutional Day 2021	2021-11-09	2021-11-09	Department of Laws of laws, Panjab University, Chandigarh	350

<b>Title of the Event</b>	<b>From Date</b>	<b>To Date</b>	<b>Name of Coordinator / Convener</b>	<b>Number of Participants</b>
future of legal education in India: Issue and challenges	2021-11-23	2021-11-23	Department of Laws Panjab University, Chandigarh	200
Legal research workshop for beginners and first years	2021-11-11	2021-11-11	Manupatra	200
Celebrating the Vigilance Awareness Week	2021-11-01	2021-11-01	Department of Laws of laws, Panjab University, Chandigarh	200
Application of RTI Act in functioning of higher judiciary in India	2021-12-04	2021-12-04	Department of Laws of laws, Panjab University, Chandigarh	200
Online National Moot Court Competition	2021-12-11	2021-12-12	Department of Laws, Panjab University, Chandigarh	150
When Truth means Reality	2021-12-28	2021-12-28	Department of Laws of laws, Panjab University, Chandigarh	300
Plagiarism and Publication	2021-12-29	2021-12-29	Department of Laws of laws, Panjab University, Chandigarh	80
The Consumer Protection Act Introduction & Procedure	2022-01-07	2022-01-07	Department of Laws of laws, Panjab University, Chandigarh	250
National Education Policy vis –a-vis Legal education	2022-01-15	2022-01-15	Department of Laws of laws, Panjab University, Chandigarh	150
Regional Consultation on Review of Criminal law- Improvement in Status of Women	2022-02-12	2022-02-12	Department of Laws of laws, Panjab University, Chandigarh	50
World Social Justice Day& International Mother Language Day	2022-02-21	2022-02-21	Department of Laws of laws, Panjab University, Chandigarh	150
Career In Law	2022-02-24	2022-02-24	Department of Laws of laws, Panjab University, Chandigarh	200
How To Write A Good Research Paper	2022-02-26	2022-02-26	Department of Laws of laws, Panjab University, Chandigarh	150
Road Safety And Awareness	2022-03-04	2022-03-04	Chandigarh Traffic Police	150
Orientation Lecture	2022-03-04	2022-03-04	Department of Laws of laws, Panjab University, Chandigarh	150
On reading proposition – legal issues, jurisdiction and maintainability	2022-03-05	2022-03-05	Department of Laws, Panjab University, Chandigarh	200
Research reading Judgement	2022-03-07	2022-03-07	Department of Laws, Panjab University, Chandigarh	300
International Women’s Day	2022-03-08	2022-03-08	Department of Laws of laws, Panjab University, Chandigarh	250
Right to Equality and Protective Discrimination under Article 15	2022-03-10	2022-03-10	Department of Laws of laws, Panjab University, Chandigarh	250
Preparing Memorial and compendium	2022-03-11	2022-03-11	Department of Laws of laws, Panjab University, Chandigarh	300
Presentation in the moot-court-arguments and citing authorities	2022-03-12	2022-03-12	Department of Laws of laws, Panjab University, Chandigarh	400
Population & Law	2022-03-30	2022-03-30	Department of Laws, Panjab University, Chandigarh	500

<b>Title of the Event</b>	<b>From Date</b>	<b>To Date</b>	<b>Name of Coordinator / Convener</b>	<b>Number of Participants</b>
Role and functioning of State Legal Services Authority, Punjab	2022-03-31	2022-03-31	Department of Laws of laws, Panjab University, Chandigarh	400
Census and its relevance to academia and this data age	2022-04-05	2022-04-05	Department of Laws of laws, Panjab University, Chandigarh	400
Environment Fest: Green defenders	2022-04-08	2022-04-09	Department of Laws of laws, Panjab University, Chandigarh	500
Relevance of Dr. B.R. Ambedkar's Ideology in Contemporary Times	2022-04-14	2022-04-14	Department of Laws of laws, Panjab University, Chandigarh	400
The Architect of Constitution of India	2022-04-13	2022-04-13	Department of Laws of laws, Panjab University, Chandigarh	400
Mehar Chand Mahajan Memorial Lecture	2022-04-21	2022-04-21	Department of Laws of laws, Panjab University, Chandigarh	400
First Prof. (Dr.) Anil kumar thakur memorial lecture	2022-04-27	2022-04-27	Department of Laws of laws, Panjab University, Chandigarh	400
Intra-Department Moot Court Competition	2022-05-04	2022-05-05	Department of Laws of laws, Panjab University, Chandigarh	400
Faculty Development Programme on Intellectual Property	2022-05-07	2022-05-13	Department of Laws of laws, Panjab University, Chandigarh	40
Faculty Development Programme On Human Rights, Values And Ethics In Higher Education In India	2022-05-20	2022-05-26	Department of Laws of laws, Panjab University, Chandigarh	40
Achieving Constitutional Spirit of Equality through Socio-Economic Legislations	2022-05-27	2022-05-27	Department of Laws of laws, Panjab University, Chandigarh	400
Constitutional Law Quiz "Constinius"	2022-05-30	2022-05-30	Department of Laws of laws, Panjab University, Chandigarh	400
National Security of India	2022-06-02	2022-06-02	Department of Laws of laws, Panjab University, Chandigarh	400
Maharana Pratap Jayanti	2022-06-02	2022-06-02	Department of Laws of laws, Panjab University, Chandigarh	400
World Environment day	2022-06-06	2022-06-06	Department of Laws of laws, Panjab University, Chandigarh	400
Functioning of Women Commission in India	2021-09-15	2021-09-15	Department of Laws, Panjab University, Chandigarh	200
Exclusive Legal Aid Camp for Women	2021-11-09	2021-11-09	Department of Laws, Panjab University, Chandigarh	150

#### **SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY**

##### **3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022**

<b>S. no</b>	<b>Department</b>	<b>Name</b>	<b>Title of event</b>	<b>Type</b>	<b>Special Category</b>	<b>Level</b>	<b>Place</b>	<b>From Date</b>	<b>To Date</b>	<b>Organized By</b>
1	Department of Laws	Prof. Dr. Vandana Arora	Plea Bargaining in India	Professional Development Programmes	Faculty Development Programme	National	Punjabi University, Patiala	08/01/2022	08/01/2022	UGC –Human Recourse Development Centre, Punjabi University, Patiala



S. no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
2	Department of Laws	Prof. Dr. Vandana Arora	one day National seminar on Medico – legal & Ethical Issues In health laws	seminar	Social Issues	National	Department of Laws HP University ,Shimla	29/10/2021	29/10/2021	Department of Laws HP University ,Shimla
3	Department of Laws	Prof. Dr. Vandana Arora	. international conference on Research and innovation in Multidisciplinary studies (ICRIMS-2022)	conference	Academic and Research Event	International	Sant Baba Bhag Singh university, Jalandhar	01/06/2022	01/06/2022	Sant Baba Bhag Singh university, Jalandhar Under the ages of IQAC and MoE Innovation Cell.
4	Department of Laws	Dr. Dinesh Kumar	Delivered lecture on “Gender Budgeting as a Tool of Social Transformation” in the Refresher Course in Law, Human Rights and Social Transformation	Professional Development Programmes	Short-Term Course	University	UGC-HRDC, B.P.S. Women University, Khanpur Kalan.	27/12/2021	10/01/2022	UGC-HRDC, B.P.S. Women University, Khanpur Kalan.
5	Department of Laws	Dr. Dinesh Kumar	Delivered lecture on “Corporate Social Responsibility ” in the Refresher Course in Law, Human Rights and Social Transformation	Professional Development Programmes	Short-Term Course	University	UGC-HRDC, B.P.S. Women University, Khanpur Kalan	27/12/2021	10/01/2022	UGC-HRDC, B.P.S. Women University, Khanpur Kalan
6	Department of Laws	Dr. Dinesh Kumar	One Week Capacity Building Programme on Critical Criminal Law	Professional Development Programmes	Short-Term Course	University	Rajiv Gandhi National University of Law, Punjab.	17/01/2022	23/01/2022	Rajiv Gandhi National University of Law, Punjab.
7	Department of Laws	Dr. Dinesh Kumar	in 16th Annual Fordham Conference on International Arbitration and Mediation,	conference	Academic and Research Event	International	New York by Fordham Law School	30/10/2021	30/10/2021	New York by Fordham Law School
8	Department of Laws	Dr. Dinesh Kumar	Role of Icons from Subaltern Communities in Nation Building in the Post-Independence Period	other	Academic and Research Event	University	University School of Open Learning, Panjab University, Chandigarh	05/09/2021	05/09/2021	University School of Open Learning, Panjab University, Chandigarh
9	Department of Laws	Dr. Sonia	One Day National Seminar On	seminar	Academic and Research Event	National	Department Of Laws, Panjab	27/05/2022	27/05/2022	Department Of Laws, Panjab

S. no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
			Achieving Constitutional Spirit Of Equality Through Socio-Economic Legislation				University, Chandigarh.			University, Chandigarh.
10	Department of Laws	Nidhi law	one day national seminar on achieving constitutional spirit of Equality through Socio-economic registration	seminar	Academic and Research Event	National	Department of Laws, Panjab University, Chandigarh	27/05/2022	27/05/2022	Department of Laws, Panjab University, Chandigarh
11	Department of Laws	Dr. Anju Sharma	One day national Seminar on Population and Law	seminar	Academic and Research Event	National	Department of Laws, Panjab University	30/03/2022	30/03/2022	Department of Laws, Panjab University
12	Department of Laws	Dr. Anju Sharma	Nivaaran-Mediators of Supreme Court of India	conference	Faculty Development Programme	International	Online	21/07/2021	21/07/2021	Supreme Court of India
13	Department of Laws	Dr. Anju Sharma	One Day national Seminar on Achieving Constitutional spirit of Equality through Socio-Economic legislation	seminar	Academic and Research Event	National	Department of Laws, Panjab University	27/05/2022	27/05/2022	Department of Laws, Panjab University
14	Department of Laws	Ajayita Sandhu	e National Seminar on Achieving Constitutional Spirit of Equality through the Socio-Economic Legislations	seminar	Academic and Research Event	National	Department of Laws	27/05/2022	27/05/2022	Department of Laws
15	Department of Laws	Ajayita Sandhu	Faculty Development Programme on human Rights, Values and Ethics in Higher Education in India	Professional Development Programmes	Faculty Development Programme	National	UGC-HRDC, Panjab University, Chandigarh	20/05/2022	26/05/2022	UGC-HRDC, Panjab University, Chandigarh under RUSA 2.0
16	Department of Laws	Ajayita Sandhu	India- Uk International Conference on Intellectual Property	conference	Academic and Research Event	International	Department of Laws	04/05/2022	06/05/2022	Department of Laws, Panjab University

S. no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
17	Department of Laws	Ajayita Sandhu	National Paper Presentation Conference	conference	Gender Equality	National	Online (Webex)	13/03/2022	13/03/2022	White Black Journal
18	Department of Laws	Ajayita Sandhu	t national seminar on population and law	seminar	Gender Equality	National	Department of Laws	30/03/2022	30/03/2022	Department of Laws, Panjab university Chandigarh
19	Department of Laws	Manisha Garg	Population & Law	seminar	Social Issues	National	Chandigarh	30/03/2022	30/03/2022	Department of Laws cPanjab University
20	Department of Laws	Dr. Supinder Kaur	Criminality And Sexuality Among Children: Socio Legal Perspective	Professional Development Programmes	Refresher Course	National	UGC- Human Resource Development Centre, Punjabi University, Patiala	03/01/2022	15/01/2022	UGC- Human Resource Development Centre, Punjabi University, Patiala
21	Department of Laws	Dr. Supinder Kaur	Social audit of legal issues	Professional Development Programmes	Social Issues	National	Department of laws, BPSMV Sonipat, Haryana	11/02/2022	13/02/2022	Department of laws, BPSMV Sonipat ,Haryana
22	Department of Laws	Dr. Supinder Kaur	Review Of Criminal Law To Improve The Status Of Women In India	workshop	Gender Equality	National	department of laws, Panjab university Chandigarh	12/02/2022	12/02/2022	Department of laws, Panjab university Chandigarh
23	Department of Laws	Dr. Supinder Kaur	Marital Rape - The Female Perspectrive	symposium	Gender Equality	National	SARTHI THE VOICE	19/02/2022	19/02/2022	Sarathi The Voice
24	Department of Laws	Dr. Reena Kansal	One Day National Seminar On Population And Law	seminar	Gender Equality	National	Department Of Laws In Collaboration With Population Research Centre, Pu, Chandigarh	30/03/2022	30/03/2022	Department Of Laws In Collaboration With Population Research Centre, Pu, Chandigarh
25	Department of Laws	Dr. Reena Kansal	National Seminar On Achieving Constitutional Spirit Of Equality Through Socio Economic Legislations	Seminar	Academic and Research Event	National	Department Of Laws Pu, Chandigarh	27/05/2022	27/05/2022	DEPARTMENT OF LAWS PU, CHANDIGARH
26	Department of Laws	Dr. Reena Kansal	World Environment Day 2020	Webinar	Social Issues	National	Department Of Laws, Panjab University, Chandigarh.	06/06/2022	06/06/2022	Department Of Laws, Panjab University, Chandigarh.
27	Department of Laws	Dr. Neetu Gupta	Population and Law	Seminar	Academic and Research Event	National	Department of Laws, Panjab University, Chandigarh	30/03/2022	30/03/2022	Department of Laws, Panjab University, Chandigarh
28	Department of Laws	Dr. Neetu Gupta	Achieving Constitutional Spirit of Equality through Socio economic legislations	Seminar	Academic and Research Event	National	Department of Laws, Panjab University, Chandigarh	27/05/2022	27/05/2022	Department of Laws, Panjab University, Chandigarh

S. no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
29	Department of Laws	Dr. Neetu Gupta	Constitutional Morality	Webinar	Social Issues	State	CGST & Excise Zone Panchkula	26/11/2021	26/11/2021	CGST & Excise Zone Panchkula
30	Department of Laws	Prof. (Dr.) Devinder Singh	Dispute Resolution: Best Practices & Future Trends	Seminar	Training/Orientation	International	Mohali	18/10/2021	18/10/2021	Army Institute of Law
31	Department of Laws	Prof. (Dr.) Devinder Singh	Research Planning and Scientific Writing	Seminar	Academic and Research Event	Nil/NA	Faridabad	25/04/2022	25/04/2022	DAV College Faridabad
32	Department of Laws	Prof. (Dr.) Devinder Singh	Civil Liberties in Parliamentary Democracy	Seminar	Universal Values and Ethics	National	Sonepat	25/02/2022	25/02/2022	Bhagat Phool Singh Mahila Vishwavidyalaya Sonepat
33	Department of Laws	AISHWAR YA JAGGA	Right to Vote: Changing Contours of democracy	Seminar	Human Rights	International	UILS, Panjab University, Chandigarh	29/03/2022	29/03/2022	UILS, Panjab University, Chandigarh
34	Department of Laws	Prof. Jyoti Rattan	Violence Against Non Resident Indian Women : Challenges and Solutions and Prevention of Domestic Violence Against Women	webinar	Academic and Research Event	National	Department of Laws of laws, Panjab University, Chandigarh	25/09/2021	25/09/2021	Department of Laws of laws, Panjab University, Chandigarh
35	Department of Laws	Dr. Shipra	Violence Against Non Resident Indian Women : Challenges and Solutions and Prevention of Domestic Violence Against Women	webinar	Social Issues	National	Department of Laws of laws, Panjab University, Chandigarh	25/09/2021	25/09/2021	Department of Laws of laws, Panjab University, Chandigarh
36	Department of Laws	PROF. JYOTI RATTAN	Legal research workshop for beginners and first years	workshop	Training/Orientation	National	Department of Laws of laws, Panjab University, Chandigarh	11/11/2021	11/11/2021	Manupatra
37	Department of Laws	Dr. Shipra	Legal research workshop for beginners and first years	workshop	Training/Orientation	National	Department of Laws, Panjab University, Chandigarh	11/12/2021	11/12/2021	Manupatra
38	Department of Laws	Dr. Shipra Gupta	Regional Consultation on Review of Criminal law-Improvement in Status of Women	workshop	Social Issues	National	Department of Laws of laws, Panjab University, Chandigarh	12/02/2022	12/02/2022	Department of Laws
39	Department of Laws	Prof. Jyoti Rattan	Regional Consultation on Review of Criminal law-Improvement	workshop	Social Issues	National	Department of Laws of laws, Panjab University, Chandigarh	12/02/2022	12/02/2022	Department of Laws of laws, Panjab University, Chandigarh

S. no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
			in Status of Women							
40	Department of Laws	Prof. Jyoti Rattan	World Social Justice Day& International Mother Language Day	webinar	Academic and Research Event	National	Department of Laws of laws, Panjab University, Chandigarh	21/02/2022	21/02/2022	Deptt. Of laws
41	Department of Laws	Dr. Shipra Gupta	World Social Justice Day& International Mother Language Day	webinar	Academic and Research Event	National	Department of Laws, Panjab University, Chandigarh	21/02/2022	21/02/2022	Department of Laws, Panjab University, Chandigarh
42	Department of Laws	Dr. Shipra Gupta	Road Safety And Awareness	workshop	Training/Orientation	National	Moot Court Hall, Department of laws	04/03/2022	04/03/2022	Chandigarh Traffic Police
43	Department of Laws	Prof. Jyoti Rattan	Road Safety And Awareness	workshop	Training/Orientation	National	Moot Court Hall, Department of laws	04/03/2022	04/03/2022	Chandigarh Traffic Police
44	Department of Laws	Prof. Jyoti Rattan	Population & Law	seminar	Academic and Research Event	National	Department Of Laws, Panjab University, Chandigarh	30/03/2022	30/03/2022	Department Of Laws, Panjab University, Chandigarh
45	Department of Laws	Dr. Shipra Gupta	Population & Law	seminar	Academic and Research Event	National	Department of Laws, Panjab University, Chandigarh	30/03/2022	30/03/2022	Population Research Centre, Panjab University
46	Department of Laws	Prof. Jyoti Rattan	Relevance of Dr. B.R. Ambedkar's Ideology in Contemporary Times	seminar	Academic and Research Event	University	Department of Laws of laws, Panjab University, Chandigarh	14/04/2022	14/04/2022	Department of Laws of laws, Panjab University, Chandigarh
47	Department of Laws	Dr. Shipra Gupta	Relevance of Dr. B.R. Ambedkar's Ideology in Contemporary Times	seminar	Academic and Research Event	University	Department of Laws of laws, Panjab University, Chandigarh	14/04/2022	14/04/2022	Department of Laws of laws, Panjab University, Chandigarh
48	Department of Laws	Dr. Shipra Gupta	Faculty Development Programme on Intellectual Property	Professional Development Programmes	Faculty Development Programme	National	UGC-HUMAN RESOURCE Development Centre (Hrdc), Panjab University, Chandigarh	07/05/2022	13/05/2022	Department of Laws of laws, Panjab University, Chandigarh
49	Department of Laws	Dr. Jyoti Rattan	Faculty Development Programme on Intellectual Property	Professional Development Programmes	Faculty Development Programme	National	UGC-Human Resource Development Centre (Hrdc), Panjab University, Chandigarh	07/05/2022	13/05/2022	Department Of Laws, Panjab University, Chandigarh
50	Department of Laws	Prof. Vandana arora	Violence Against Non Resident Indian Women : Challenges and Solutions and Prevention of Domestic Violence Against Women	workshop	Academic and Research Event	National	department oif laws	25/09/2021	25/09/2021	Department of Laws of laws, Panjab University, Chandigarh

S. no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
51	Department of Laws	Dr. Shipra Gupta	Faculty Development Programme On Human Rights, Values And Ethics In Higher Education In India	Professional Development Programmes	Faculty Development Programme	National	UGC-HRDC, Panjab University, Chandigarh - 160014, India	20/05/2022	26/05/2022	Department of Laws, Panjab University
52	Department of Laws	Prof Jyoti Rattan	Faculty Development Programme On Human Rights, Values And Ethics In Higher Education In India	Professional Development Programmes	Faculty Development Programme	National	UGC-HRDC, Panjab University, Chandigarh - 160014, India	20/05/2022	26/05/2022	Department Of Laws, PU
53	Department of Laws	Prof. Jyoti Rattan	Achieving Constitutional Spirit of Equality through Socio-Economic Legislations	seminar	Academic and Research Event	National	Department of Laws of laws, Panjab University, Chandigarh	27/05/2022	27/05/2022	Department of Laws of laws, Panjab University, Chandigarh
54	Department of Laws	Dr. Shipra Gupta	Achieving Constitutional Spirit of Equality through Socio-Economic Legislations	seminar	Academic and Research Event	National	Department of Laws, Panjab University, Chandigarh	27/05/2022	27/05/2022	Department of Laws, Panjab University, Chandigarh
55	Department of Laws	Prof. Dr. Vandana Arora	Legal research workshop for beginners and first years	workshop	Academic and Research Event	National	Department of Laws, Panjab University, Chandigarh	11/11/2021	11/11/2021	Department of Laws, Panjab University, Chandigarh
56	Department of Laws	Prof Jyoti Rattan	World Environment day	webinar	Environment Awareness Event	National	Department of Laws of laws, Panjab University, Chandigarh	06/06/2022	06/06/2022	Department of Laws of laws, Panjab University, Chandigarh
57	Department of Laws	Dr. Shipra Gupta	World Environment day	webinar	Environment Awareness Event	National	Department of Laws of laws, Panjab University, Chandigarh	06/06/2022	06/06/2022	Department of Laws of laws, Panjab University, Chandigarh
58	Department of Laws	Prof. Dr. Vandana Arora	Regional Consultation on Review of Criminal law-Improvement in Status of Women	conference	Social Issues	National	Department of Laws of laws, Panjab University, Chandigarh	12/02/2022	12/02/2022	Department of Laws of laws, Panjab University, Chandigarh
59	Department of Laws	Prof. Devinder Singh	Violence Against Non Resident Indian Women : Challenges and Solutions and Prevention of Domestic Violence	webinar	Social Issues	National	Department of Laws of laws, Panjab University, Chandigarh	25/09/2021	25/09/2021	Department of Laws of laws, Panjab University, Chandigarh

S. no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
60	Department of Laws	Prof. Dr. Vandana Arora	Against Women World Social Justice Day & International Mother Language Day	webinar	Academic and Research Event	National	Department of Laws of laws, Panjab University, Chandigarh	21/02/2022	21/02/2022	Department of Laws of laws, Panjab University, Chandigarh
61	Department of Laws	Prof. Devinder Singh	Legal research workshop for beginners and first years	workshop	Training/Orientation	National	Department of Laws, Panjab University, Chandigarh	11/11/2021	11/11/2021	Department Of Laws, Panjab University
62	Department of Laws	Prof. Dr. Vandana Arora	Road Safety And Awareness	workshop	Academic and Research Event	National	Moot Court Hall, Department of laws	04/03/2022	04/03/2022	Moot Court Hall, Department of laws
63	Department of Laws	Dr. Dinesh Kumar	Violence Against Non Resident Indian Women : Challenges and Solutions and Prevention of Domestic Violence Against Women	workshop	Social Issues	National	Department of Laws of laws, Panjab University, Chandigarh	25/09/2021	25/09/2021	Department of Laws of laws, Panjab University, Chandigarh
64	Department of Laws	Prof Devinder Singh	Regional Consultation on Review of Criminal law-Improvement in Status of Women	workshop	Social Issues	National	Department of Laws of laws, Panjab University, Chandigarh	12/02/2022	12/02/2022	Department of Laws of laws, Panjab University, Chandigarh
65	Department of Laws	Prof. Dr. Vandana Arora	Population & Law	seminar	Academic and Research Event	National	Department Of Laws, Panjab University, Chandigarh	30/03/2022	30/03/2022	Department Of Laws, Panjab University, Chandigarh
66	Department of Laws	Dr. Dinesh Kumar	Legal research workshop for beginners and first years	workshop	Others	National	Department of Laws, Panjab University, Chandigarh	11/11/2021	11/11/2021	Manupatra
67	Department of Laws	Prof. Devinder Singh	World Social Justice Day & International Mother Language Day	webinar	Academic and Research Event	National	Panjab University, Chandigarh	21/02/2022	21/02/2022	Panjab University, Chandigarh
68	Department of Laws	Dr. Dinesh Kumar	Regional Consultation on Review of Criminal law-Improvement in Status of Women	workshop	Social Issues	National	Department of Laws of laws, Panjab University, Chandigarh	12/12/2021	12/12/2022	Department of Laws of laws, Panjab University, Chandigarh
69	Department of Laws	Prof. Dr. Vandana Arora	Relevance of Dr. B.R. Ambedkar's Ideology in Contemporary Times	seminar	Academic and Research Event	National	Department of Laws of laws, Panjab University, Chandigarh	14/04/2022	14/04/2022	Department of Laws of laws, Panjab University, Chandigarh

S. no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
70	Department of Laws	Prof. Devinder Singh	Road Safety And Awareness	workshop	Training/Orientation	National	Moot Court Hall, Department of laws	04/03/2022	04/03/2022	Chandigarh Traffic Police
71	Department of Laws	Dr. Dinesh Kumar	World Social Justice Day& International Mother Language Day	webinar	Academic and Research Event	National	Panjab University, Chandigarh	21/02/2022	21/02/2022	Department of Laws of laws, Panjab University, Chandigarh
72	Department of Laws	Prof. Devinder Singh	Population & Law	seminar	Academic and Research Event	National	Department Of Laws, Panjab University, Chandigarh	30/03/2022	30/03/2022	Department Of Laws, Panjab University, Chandigarh
73	Department of Laws	Prof Devinder Singh	Relevance of Dr. B.R. Ambedkar's Ideology in Contemporary Times	seminar	Academic and Research Event	National	Department of Laws of laws, Panjab University, Chandigarh	14/04/2022	14/04/2022	Department of Laws of laws, Panjab University, Chandigarh
74	Department of Laws	Prof. Dr. Vandana Arora	Faculty Development Programme on Intellectual Property	Professional Development Programmes	Faculty Development Programme	National	UGC-Human Resource Development Centre (Hrdc), Panjab University, Chandigarh	07/05/2022	13/05/2022	Department of Laws of laws, Panjab University, Chandigarh
75	Department of Laws	Dr. Dinesh Kumar	Road Safety And Awareness	workshop	Training/Orientation	University	Moot Court Hall, Department of laws	04/02/2022	04/02/2022	Chandigarh Traffic Police
76	Department of Laws	Prof. Devinder Singh	Faculty Development Programme on Intellectual Property	Professional Development Programmes	Faculty Development Programme	National	UGC-Human Resource Development Centre (Hrdc), Panjab University, Chandigarh	07/05/2022	13/05/2022	Department of Laws of laws, Panjab University, Chandigarh
77	Department of Laws	Prof. Dr. Vandana Arora	Faculty Development Programme On Human Rights, Values And Ethics In Higher Education In India	Professional Development Programmes	Faculty Development Programme	National	RUSA, Panjab University, Chandigarh	20/05/2022	27/05/2022	Department of Laws of laws, Panjab University, Chandigarh
78	Department of Laws	Dr. Dinesh Kumar	Population & Law	seminar	Academic and Research Event	National	Department Of Laws, Panjab University, Chandigarh	30/03/2022	30/03/2022	Department Of Laws, Panjab University, Chandigarh
79	Department of Laws	Prof. Devinder Singh	Faculty Development Programme On Human Rights, Values And Ethics In Higher Education in INDIA	Professional Development Programmes	Faculty Development Programme	National	UGC-Human Resource Development Centre (Hrdc), Panjab University, Chandigarh	20/05/2022	26/05/2022	Department of Laws of laws, Panjab University, Chandigarh
80	Department of Laws	Prof. Devinder Singh	Achieving Constitutional Spirit of Equality through Socio-	seminar	Academic and Research Event	National	Department of Laws of laws, Panjab University, Chandigarh	27/05/2022	27/05/2022	Department of Laws of laws, Panjab University, Chandigarh



S. no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
			Economic Legislations							
81	Department of Laws	Dr. Dinesh Kumar	Relevance of Dr. B.R. Ambedkar's Ideology in Contemporary Times	seminar	Academic and Research Event	University	Department of Laws of laws, Panjab University, Chandigarh	14/04/2022	14/04/2022	Department of Laws, Panjab University
82	Department of Laws	Prof. Dr. Vandana Arora	World Environment day	seminar	Environment Awareness Event	National	Department of Laws of laws, Panjab University, Chandigarh	06/06/2022	06/06/2022	Department of Laws of laws, Panjab University, Chandigarh
83	Department of Laws	Prof. Devinder Singh	World Environment day	webinar	Environment Awareness Event	National	Department of Laws of laws, Panjab University, Chandigarh	06/06/2022	06/06/2022	Department of Laws of laws, Panjab University, Chandigarh
84	Department of Laws	Dr. Dinesh Kumar	Faculty Development Programme On Human Rights, Values And Ethics In Higher Education In India	Professional Development Programmes	Faculty Development Programme	National	UGC-HRDC, Panjab University, Chandigarh - 160014, India	20/05/2022	26/05/2022	Department of Laws of laws, Panjab University, Chandigarh
85	Department of Laws	Aneesha singla	World Social Justice Day& International Mother Language Day	webinar	Academic and Research Event	National	Panjab University, Chandigarh	21/02/2022	21/02/2022	Department of Laws of laws, Panjab University, Chandigarh
86	Department of Laws	Dr. Dinesh Kumar	Achieving Constitutional Spirit of Equality through Socio-Economic Legislations	seminar	Academic and Research Event	National	Department of Laws of laws, Panjab University, Chandigarh	27/05/2022	27/05/2022	Department of Laws of laws, Panjab University, Chandigarh
87	Department of Laws	Aneesha Singla	Road Safety And Awareness	workshop	Academic and Research Event	National	Moot Court Hall, Department of laws	04/03/2022	04/03/2022	Chandigarh Traffic Police
88	Department of Laws	Prof. Paramjit Kaur	Violence Against Non Resident Indian Women : Challenges and Solutions and Prevention of Domestic Violence Against Women	webinar	Social Issues	National	Department of Laws of laws, Panjab University, Chandigarh	25/09/2021	25/09/2021	Department of Laws of laws, Panjab University, Chandigarh
89	Department of Laws	Aneesha singla	Population & Law	seminar	Academic and Research Event	National	Department Of Laws, Panjab University, Chandigarh	30/03/2022	30/03/2022	Department Of Laws, Panjab University, Chandigarh
90	Department of Laws	Dr. Dinesh Kumar	World Environment day	webinar	Academic and Research Event	National	Department of Laws of laws, Panjab University, Chandigarh	06/06/2022	06/06/2022	Department of Laws of laws, Panjab University, Chandigarh

S. no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
										University, Chandigarh
91	Department of Laws	PROF. PARAMJIT KAUR	Legal research workshop for beginners and first years	workshop	Training/Orientation	National	Department of Laws, Panjab University, Chandigarh	11/11/2021	11/11/2021	Manupatra
92	Department of Laws	Aneesha Singla	Relevance of Dr. B.R. Ambedkar's Ideology in Contemporary Times	seminar	Academic and Research Event	National	Department Of Laws, Panjab University, Chandigarh	14/04/2022	14/04/2022	Department Of Laws, Panjab University, Chandigarh
93	Department of Laws	Dr. Babita Pathania	Violence Against Non Resident Indian Women : Challenges and Solutions and Prevention of Domestic Violence Against Women	webinar	Social Issues	National	Department of Laws of laws, Panjab University, Chandigarh	25/09/2021	25/09/2021	Department of Laws of laws, Panjab University, Chandigarh
94	Department of Laws	Aneesha Singla	Achieving Constitutional Spirit of Equality through Socio-Economic Legislations	seminar	Academic and Research Event	National	Department of Laws of laws, Panjab University, Chandigarh	27/05/2022	27/05/2022	Department of Laws of laws, Panjab University, Chandigarh
95	Department of Laws	Prof. Paramjit Kaur	Regional Consultation on Review of Criminal law-Improvement in Status of Women	workshop	Social Issues	National	Department of Laws of laws, Panjab University, Chandigarh	12/02/2022	12/02/2022	Department of Laws of laws, Panjab University, Chandigarh
96	Department of Laws	Aneesha Singla	World Environment day	webinar	Environment Awareness Event	National	Department of Laws of laws, Panjab University, Chandigarh	06/06/2022	06/06/2022	Department of Laws of laws, Panjab University, Chandigarh
97	Department of Laws	Aneesha SINGLA	Faculty Development Programme on Intellectual Property	Professional Development Programmes	Faculty Development Programme	National	RUSA, Panjab University, Chandigarh	07/05/2022	13/05/2022	Department of Laws of laws, Panjab University, Chandigarh
98	Department of Laws	Prof. Paramjit Kaur	World Social Justice Day & International Mother Language Day	webinar	Academic and Research Event	National	Panjab University, Chandigarh	21/02/2022	21/02/2022	Department of Laws of laws, Panjab University, Chandigarh
99	Department of Laws	Dr. Babita Pathania	Legal research workshop for beginners and first years	workshop	Academic and Research Event	National	Department of Laws, Panjab University, Chandigarh	11/11/2021	11/11/2021	Manupatra
100	Department of Laws	PROF. PARAMJIT KAUR	Road Safety And Awareness	workshop	Training/Orientation	National	Moot Court Hall, Department of laws	04/03/2022	04/03/2022	Chandigarh Traffic Police

S. no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
101	Department of Laws	Aneesha singla	Faculty Development Programme On Human Rights, Values And Ethics In Higher Education In India	Professional Development Programmes	Faculty Development Programme	National	RUSA, Panjab University, Chandigarh	20/05/2022	26/05/2022	Department of Laws of laws, Panjab University, Chandigarh
102	Department of Laws	Dr. Babita Pathania	Regional Consultation on Review of Criminal law-Improvement in Status of Women	workshop	Academic and Research Event	National	Department of Laws of laws, Panjab University, Chandigarh	12/02/2022	12/02/2022	Department of Laws of laws, Panjab University, Chandigarh
103	Department of Laws	PROF. PARAMJIT KAUR	Population & Law	seminar	Academic and Research Event	National	Population & Law	30/03/2022	30/03/2022	Department Of Laws, Panjab University, Chandigarh
104	Department of Laws	Aishwarya Jagga	World Social Justice Day& International Mother Language Day	webinar	Academic and Research Event	National	Panjab University, Chandigarh	21/02/2022	21/02/2022	Department of Laws of laws, Panjab University, Chandigarh
105	Department of Laws	Prof. Paramjit kaur	Relevance of Dr. B.R. Ambedkar's Ideology in Contemporary Times	seminar	Academic and Research Event	National	Department of Laws of laws, Panjab University, Chandigarh	14/04/2022	14/04/2022	Department of Laws of laws, Panjab University, Chandigarh
106	Department of Laws	Dr. Babita Pathania	World Social Justice Day& International Mother Language Day	webinar	Academic and Research Event	National	Panjab University, Chandigarh	21/02/2022	21/02/2022	Department of Laws of laws, Panjab University, Chandigarh
107	Department of Laws	Prof. Dr. Vandana Arora	National Webinar on Law and Economics	webinar	Academic and Research Event	National	University School of Law and Legal Studies, Guru Gobind Singh Indraprastha University, New Delhi	06/03/2022	06/03/2022	University School of Law and Legal Studies, Guru Gobind Singh Indraprastha University, New Delhi
108	Department of Laws	Aishwarya Jagga	Road Safety And Awareness	workshop	Academic and Research Event	National	Moot Court Hall, Department of laws	04/03/2022	04/03/2022	Department Of Laws, Panjab University, Chandigarh
109	Department of Laws	PROF. PARAMJIT KAUR	Faculty Development Programme on Intellectual Property	Professional Development Programmes	Faculty Development Programme	National	UGC-Human Resource Development Centre (Hrdc), Panjab University, Chandigarh	07/05/2022	13/05/2022	Department of Laws of laws, Panjab University, Chandigarh
110	Department of Laws	Dr. Babita Pathania	Road Safety And Awareness	workshop	Training/Orientation	University	Moot Court Hall, Department of laws	04/03/2022	04/03/2022	Chandigarh Traffic Police
111	Department of Laws	Aishwarya Jagga	Population & Law	seminar	Academic and Research Event	National	Department Of Laws, Panjab University, Chandigarh	30/03/2022	30/03/2022	Department Of Laws, Panjab University, Chandigarh

S. no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
112	Department of Laws	Prof. Paramjit Kaur	Faculty development programme on human rights, values and ethics in higher education in india	Professional Development Programmes	Faculty Development Programme	National	UGC-HRDC, Panjab University, Chandigarh - 160014, India	20/05/2022	26/05/2022	Department of Laws of laws, Panjab University, Chandigarh
113	Department of Laws	Aishwarya Jagga	Relevance of Dr. B.R. Ambedkar's Ideology in Contemporary Times	seminar	Academic and Research Event	National	Department of Laws of laws, Panjab University, Chandigarh	14/04/2022	14/04/2022	Department of Laws of laws, Panjab University, Chandigarh
114	Department of Laws	Dr. Babita Pathania	Population & Law	seminar	Academic and Research Event	National	DEPARTMENT OF LAWS, Panjab University, Chandigarh	30/03/2022	30/03/2022	Department of laws, Panjab University, Chandigarh
115	Department of Laws	Prof. Paramjit Kaur	Achieving Constitutional Spirit of Equality through Socio-Economic Legislations	seminar	Academic and Research Event	National	Department of Laws of laws, Panjab University, Chandigarh	27/05/2022	27/05/2022	Department of Laws of laws, Panjab University, Chandigarh
116	Department of Laws	Aishwarya Jagga	Faculty Development Programme on Intellectual Property	Professional Development Programmes	Faculty Development Programme	National	RUSA, Panjab University, Chandigarh	07/05/2022	13/05/2022	Department of Laws of laws, Panjab University, Chandigarh
117	Department of Laws	Dr. Babita Pathania	Relevance of Dr. B.R. Ambedkar's Ideology in Contemporary Times	seminar	Academic and Research Event	University	Department of Laws of laws, Panjab University, Chandigarh	14/04/2022	14/04/2022	Department of Laws of laws, Panjab University, Chandigarh
118	Department of Laws	Prof. Paramjit Kaur	World Environment day	webinar	Environment Awareness Event	National	Department of Laws of laws, Panjab University, Chandigarh	06/06/2022	06/06/2022	Department of Laws of laws, Panjab University, Chandigarh
119	Department of Laws	Aishwarya Jagga	Faculty Development Programme On Human Rights, Values And Ethics In Higher Education In India	Professional Development Programmes	Faculty Development Programme	National	RUSA, Panjab University, Chandigarh	20/05/2022	26/05/2022	Department of Laws of laws, Panjab University, Chandigarh
120	Department of Laws	Dr. Babita Pathania	Faculty Development Programme on Intellectual Property	Professional Development Programmes	Faculty Development Programme	National	UGC-Human Resource Development Centre (Hrdc), Panjab University, Chandigarh	07/05/2022	13/05/2022	Department of Laws of laws, Panjab University, Chandigarh
121	Department of Laws	Aishwarya Jagga	Achieving Constitutional Spirit of Equality through Socio-	seminar	Academic and Research Event	National	Department of Laws of laws, Panjab University, Chandigarh	27/05/2022	27/05/2022	Department of Laws of laws, Panjab University, Chandigarh

S. no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
			Economic Legislations							
122	Department of Laws	Dr. Babita Pathania	Faculty Development Programme On Human Rights, Values And Ethics In Higher Education In India	Professional Development Programmes	Faculty Development Programme	National	UGC-HRDC, Panjab University, Chandigarh - 160014, India	20/05/2022	26/05/2022	Department of Laws of laws, Panjab University, Chandigarh
123	Department of Laws	Aishwarya Jagga	World Environment day	webinar	Environment Awareness Event	National	Department of Laws of laws, Panjab University, Chandigarh	06/06/2022	06/06/2022	Department of Laws of laws, Panjab University, Chandigarh
124	Department of Laws	Prof. Supinder Kaur	Violence Against Non Resident Indian Women : Challenges and Solutions and Prevention of Domestic Violence Against Women	webinar	Social Issues	National	Department of Laws of laws, Panjab University, Chandigarh	25/09/2021	25/09/2021	Department of Laws of laws, Panjab University, Chandigarh
125	Department of Laws	Dr. Babita Pathania	Achieving Constitutional Spirit of Equality through Socio-Economic Legislations	seminar	Academic and Research Event	National	Department of Laws of laws, Panjab University, Chandigarh	27/05/2022	27/05/2022	Department of Laws of laws, Panjab University, Chandigarh
126	Department of Laws	Prof. Supinder Kaur	Legal research workshop for beginners and first years	workshop	Training/Orientation	National	Department of Laws, Panjab University, Chandigarh	11/11/2021	11/11/2021	Manupatra
127	Department of Laws	Rohtash	Violence Against Non Resident Indian Women : Challenges and Solutions and Prevention of Domestic Violence Against Women	webinar	Academic and Research Event	National	Department of Laws of laws, Panjab University, Chandigarh	25/09/2021	25/09/2021	Department of Laws of laws, Panjab University, Chandigarh
128	Department of Laws	Dr. Babita Pathania	World Environment day	webinar	Environment Awareness Event	National	Department of Laws of laws, Panjab University, Chandigarh	06/06/2022	06/06/2022	Department of Laws of laws, Panjab University, Chandigarh
129	Department of Laws	Prof. Supinder Kaur	Regional Consultation on Review of Criminal law-Improvement in Status of Women	workshop	Social Issues	National	Department of Laws of laws, Panjab University, Chandigarh	12/02/2022	12/02/2022	Department of Laws of laws, Panjab University, Chandigarh

S. no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
130	Department of Laws	Prof. Supinder Kaur	World Social Justice Day& International Mother Language Day	webinar	Academic and Research Event	National	Panjab University, Chandigarh	21/02/2022	21/02/2022	Department of Laws of laws, Panjab University, Chandigarh
131	Department of Laws	Dr. Manisha Garg	Violence Against Non Resident Indian Women : Challenges and Solutions and Prevention of Domestic Violence Against Women	webinar	Social Issues	National	Department of Laws of laws, Panjab University, Chandigarh	25/09/2021	25/09/2021	Department of Laws of laws, Panjab University, Chandigarh
132	Department of Laws	Prof. Supinder Kaur	Road Safety And Awareness	workshop	Training/Orientation	National	Moot Court Hall, Department of laws	04/03/2022	04/03/2022	Chandigarh Traffic Police
133	Department of Laws	Dr. Manisha Garg	Legal research workshop for beginners and first years	workshop	Training/Orientation	National	Department of Laws, Panjab University, Chandigarh	11/11/2021	11/11/2021	Manupatra
134	Department of Laws	Prof. Supinder kaur	Population & Law	seminar	Academic and Research Event	National	Department Of Laws, Panjab University, Chandigarh	30/03/2022	30/03/2022	Department Of Laws, Panjab University, Chandigarh
135	Department of Laws	Prof. Supinder kaur	Relevance of Dr. B.R. Ambedkar's Ideology in Contemporary Times	seminar	Academic and Research Event	National	Department of Laws of laws, Panjab University, Chandigarh	14/04/2022	14/04/2022	Department of Laws of laws, Panjab University, Chandigarh
136	Department of Laws	Rohtash	Legal research workshop for beginners and first years	workshop	Academic and Research Event	National	Department of Laws, Panjab University, Chandigarh	11/11/2021	11/11/2021	Department of Laws, Panjab University, Chandigarh
137	Department of Laws	Dr. Manisha Garg	Regional Consultation on Review of Criminal law-Improvement in Status of Women	workshop	Social Issues	National	Department of Laws of laws, Panjab University, Chandigarh	12/02/2022	12/02/2022	Department of Laws of laws, Panjab University, Chandigarh
138	Department of Laws	Prof. Supinder Kaur	Faculty Development Programme on Intellectual Property	Professional Development Programmes	Faculty Development Programme	National	UGC-Human Resource Development Centre (Hrdc), Panjab University, Chandigarh	07/05/2022	13/05/2022	Department of Laws of laws, Panjab University, Chandigarh
139	Department of Laws	Roht ash	Regional Consultation on Review of Criminal law-Improvement in Status of Women	conference	Academic and Research Event	National	Department of Laws of laws, Panjab University, Chandigarh	12/02/2022	12/02/2022	Department of Laws of laws, Panjab University, Chandigarh
140	Department of Laws	PROF. SUPINDER KAUR	Faculty Development Programme On Human Rights, Values And	Professional Development Programmes	Faculty Development Programme	National	UGC-HRDC, Panjab University, Chandigarh - 160014, India	20/05/2022	26/05/2022	Department of Laws of laws, Panjab

S. no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
			Ethics In Higher Education In India							University, Chandigarh
141	Department of Laws	ROHTASH	World Social Justice Day& International Mother Language Day	webinar	Academic and Research Event	National	Panjab University, Chandigarh	21/02/2022	21/02/2022	Department of Laws of laws, Panjab University, Chandigarh
142	Department of Laws	Dr. Manisha Garg	World Social Justice Day& International Mother Language Day	webinar	Training/Orientation	National	Panjab University, Chandigarh	21/02/2022	21/02/2022	Department of Laws of laws, Panjab University, Chandigarh
143	Department of Laws	Prof. Supinder Kaur	Achieving Constitutional Spirit of Equality through Socio-Economic Legislations	seminar	Academic and Research Event	National	Department of Laws of laws, Panjab University, Chandigarh	27/05/2022	27/05/2022	Department of Laws of laws, Panjab University, Chandigarh
144	Department of Laws	Rohtash	Road Safety And Awareness	workshop	Academic and Research Event	National	Moot Court Hall, Department of laws	04/03/2022	04/03/2022	Moot Court Hall, Department of laws
145	Department of Laws	Dr. Manisha Garg	Road Safety And Awareness	workshop	Training/Orientation	University	Moot Court Hall, Department of laws	03/03/2022	04/03/2022	Chandigarh Traffic Police
146	Department of Laws	Prof. Supinder Kaur	World Environment day	webinar	Environment Awareness Event	National	Department of Laws of laws, Panjab University, Chandigarh	06/06/2022	06/06/2022	Department of Laws of laws, Panjab University, Chandigarh
147	Department of Laws	Rohtash	Population & Law	seminar	Academic and Research Event	National	Department of Laws of laws, Panjab University, Chandigarh	30/03/2022	30/03/2022	Department of Laws of laws, Panjab University, Chandigarh
148	Department of Laws	Dr. Manisha Garg	Population & Law	seminar	Academic and Research Event	National	Department Of Laws, Panjab University, Chandigarh	30/03/2022	30/03/2022	Department Of Laws, Panjab University, Chandigarh
149	Department of Laws	Rohtash	Relevance of Dr. B.R. Ambedkar's Ideology in Contemporary Times	seminar	Academic and Research Event	National	Department of Laws of laws, Panjab University, Chandigarh	14/04/2022	14/04/2022	Department of Laws of laws, Panjab University, Chandigarh
150	Department of Laws	Dr. Manisha Garg	Relevance of Dr. B.R. Ambedkar's Ideology in Contemporary Times	seminar	Academic and Research Event	University	Department of Laws of laws, Panjab University, Chandigarh	14/04/2022	14/04/2022	Department of Laws of laws, Panjab University, Chandigarh
151	Department of Laws	Rohtash	Faculty Development Programme on Intellectual Property	Professional Development Programmes	Faculty Development Programme	National	UGC-HRDC, Panjab University, Chandigarh - 160014, India	07/05/2022	13/05/2022	Department of Laws of laws, Panjab University, Chandigarh

S. no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
152	Department of Laws	Dr. Vibhuti Nakta	Violence Against Non Resident Indian Women : Challenges and Solutions and Prevention of Domestic Violence Against Women	webinar	Social Issues	National	Department of Laws of laws, Panjab University, Chandigarh	25/09/2021	25/09/2021	Department of Laws of laws, Panjab University, Chandigarh
153	Department of Laws	Dr. Vibhuti Nakta	Legal research workshop for beginners and first years	workshop	Training/Orientation	National	Department of Laws, Panjab University, Chandigarh	11/11/2021	11/09/2021	Manupatra
154	Department of Laws	Rohtash	Achieving Constitutional Spirit of Equality through Socio-Economic Legislations	seminar	Academic and Research Event	National	Department of Laws of laws, Panjab University, Chandigarh	27/05/2022	27/05/2022	Department of Laws of laws, Panjab University, Chandigarh
155	Department of Laws	Dr. Vibhuti Nakta	Regional Consultation on Review of Criminal law-Improvement in Status of Women	workshop	Social Issues	National	Department of Laws of laws, Panjab University, Chandigarh	12/02/2022	12/02/2022	Department of Laws of laws, Panjab University, Chandigarh
156	Department of Laws	ROHTASH	World Environment day	webinar	Environment Awareness Event	National	Department of Laws of laws, Panjab University, Chandigarh	06/06/2022	06/06/2022	Department of Laws of laws, Panjab University, Chandigarh
157	Department of Laws	Dr. Manisha Garg	Achieving Constitutional Spirit of Equality through Socio-Economic Legislations	seminar	Academic and Research Event	National	Department of Laws of laws, Panjab University, Chandigarh	27/05/2022	27/05/2022	Department of Laws of laws, Panjab University, Chandigarh
158	Department of Laws	Dr. Vibhuti Nakta	World Social Justice Day& International Mother Language Day	webinar	Academic and Research Event	National	Panjab University, Chandigarh	21/02/2022	21/02/2022	Panjab University, Chandigarh
159	Department of Laws	Dr. Manisha Garg	World Environment day	webinar	Environment Awareness Event	National	Department of Laws of laws, Panjab University, Chandigarh	06/06/2022	06/06/2022	Department of Laws of laws, Panjab University, Chandigarh
160	Department of Laws	MS. Ajayita Sandhu	Violence Against Non Resident Indian Women : Challenges and Solutions and Prevention of Domestic Violence Against Women	webinar	Academic and Research Event	National	Manupatra	25/09/2021	25/09/2021	Manupatra



S. no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
161	Department of Laws	Dr. Vibhuti Nakta	Road Safety And Awareness	workshop	Training/Orientation	National	Moot Court Hall, Department of laws	04/03/2022	04/03/2022	Chandigarh Traffic Police
162	Department of Laws	Ms. Ajayita Sandhu	Legal research workshop for beginners and first years	workshop	Academic and Research Event	National	Department of Laws of laws, Panjab University, Chandigarh	11/11/2021	11/11/2021	Department of Laws of laws, Panjab University, Chandigarh
163	Department of Laws	Dr. Vibhuti Nakta	Population & Law	seminar	Academic and Research Event	National	Deptt. Of laws, Panjab University	30/03/2022	30/03/2022	Department Of Laws, Panjab University, Chandigarh
164	Department of Laws	Ms. Ajayita Sandhu	World Environment day	webinar	Environment Awareness Event	National	Department of Laws of laws, Panjab University, Chandigarh	06/06/2022	06/06/2022	Department of Laws of laws, Panjab University, Chandigarh
165	Department of Laws	Ms. Ajayita Sandhu	Regional Consultation on Review of Criminal law-Improvement in Status of Women	seminar	Social Issues	National	Department of Laws of laws, Panjab University, Chandigarh	12/02/2022	12/02/2022	Department of Laws of laws, Panjab University, Chandigarh
166	Department of Laws	Dr. Vibhuti Nakta	Relevance of Dr. B.R. Ambedkar's Ideology in Contemporary Times	seminar	Academic and Research Event	National	Department of Laws of laws, Panjab University, Chandigarh	14/04/2022	14/04/2022	Department of Laws of laws, Panjab University, Chandigarh
167	Department of Laws	Ms. Ajayita Sandhu	Achieving Constitutional Spirit of Equality through Socio-Economic Legislations	seminar	Academic and Research Event	National	Department of Laws of laws, Panjab University, Chandigarh	27/05/2022	27/05/2022	Department of Laws of laws, Panjab University, Chandigarh
168	Department of Laws	Ms. Ajayita Sandhu	World Social Justice Day& International Mother Language Day	webinar	Academic and Research Event	National	Department of Laws of laws, Panjab University, Chandigarh	21/02/2022	21/02/2022	Department of Laws of laws, Panjab University, Chandigarh
169	Department of Laws	Dr. Vibhuti Nakta	Faculty Development Programme on Intellectual Property	Professional Development Programmes	Faculty Development Programme	National	UGC-Human Resource Development Centre (Hrdc), Panjab University, Chandigarh	07/05/2022	13/05/2022	Department of Laws of laws, Panjab University, Chandigarh
170	Department of Laws	Ms. Ajayita Sandhu	Faculty Development Programme On Human Rights, Values And Ethics In Higher Education In India	Professional Development Programmes	Faculty Development Programme	National	UGC-HRDC, Panjab University, Chandigarh - 160014, India	20/05/2022	26/05/2022	Department of Laws of laws, Panjab University, Chandigarh
171	Department of Laws	Ms. Ajayita Sandhu	Road Safety And Awareness	workshop	Academic and Research Event	National	Moot Court Hall, Department of laws	04/03/2022	04/03/2022	Department of Laws, Panjab University, Chandigarh

S. no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
172	Department of Laws	Ms. Ajayita Sandhu	Faculty Development Programme on Intellectual Property	Professional Development Programmes	Faculty Development Programme	National	UGC-Human Resource Development Centre (Hrdc), Panjab University, Chandigarh	07/05/2022	13/05/2022	Department of Laws of laws, Panjab University, Chandigarh
173	Department of Laws	MS. Ajayita Sandhu	Population & Law	seminar	Academic and Research Event	National	Department Of Laws, Panjab University, Chandigarh	30/03/2022	30/03/2022	Department Of Laws, Panjab University, Chandigarh
174	Department of Laws	Dr. Vibhuti Nakta	Achieving Constitutional Spirit of Equality through Socio-Economic Legislations	seminar	Academic and Research Event	National	Department of Laws of laws, Panjab University, Chandigarh	27/05/2022	27/05/2022	Department Of Laws, PU
175	Department of Laws	Ms. Ajayita Sandhu	Relevance of Dr. B.R. Ambedkar's Ideology in Contemporary Times	seminar	Academic and Research Event	University	Department of Laws of laws, Panjab University, Chandigarh	14/04/2022	14/04/2022	Department of Laws of laws, Panjab University, Chandigarh
176	Department of Laws	Dr. Vibhuti Nakta	World Environment day	webinar	Environment Awareness Event	National	Department of Laws of laws, Panjab University, Chandigarh	06/06/2022	06/06/2022	Department of Laws of laws, Panjab University, Chandigarh
177	Department of Laws	Prof. (Dr.) Meenu Paul	World Environment day	webinar	Environment Awareness Event	National	Department Of Laws, Panjab University, Chandigarh	06/06/2022	06/06/2022	Department Of Laws, Panjab University, Chandigarh
178	Department of Laws	PROF. (DR.) MEENU PAUL	Achieving Constitutional Spirit of Equality through Socio-Economic Legislations	seminar	Academic and Research Event	National	Department of Laws of laws, Panjab University, Chandigarh	27/05/2022	27/05/2022	Department of Laws of laws, Panjab University, Chandigarh
179	Department of Laws	Prof. (Dr.) Meenu Paul	Relevance of Dr. B.R. Ambedkar's Ideology in Contemporary Times	seminar	Academic and Research Event	National	Department of Laws of laws, Panjab University, Chandigarh	14/04/2022	14/04/2022	Department of Laws of laws, Panjab University, Chandigarh
180	Department of Laws	Rohtash	FDP on Audio-Visual Methods in Research Locating Theory in Practice	Professional Development Programmes	Faculty Development Programme	National	Chandigarh	26/04/2022	02/05/2022	HRDC
181	Department of Laws	Devinder Singh	Academic Leadership for Academic Administration	Professional Development Programmes	Faculty Development Programme	National	Chandigarh	10/02/2022	10/02/2022	HRDC

**Ph.D. Awards****Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022**

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	Department of Laws	Parvinder Kaur	Tribunalisation of Justice in India: Issues and challenges	2022-04-30	Dr. Jasneet Kaur Walia, and Dr. Jai Mala UILS
2	Department of Laws	Gurpreet Kaur	Role of Armed Forces in Internal Security with Special Reference to Jammu & Kashmir	2022-03-17	Dr. Sunaina
3	Department of Laws	Harpreet Kaur	Statelessness under International Law : A Study with Special Reference to SAARC Nations	2022-02-03	Dr. Pooja Sood, PURC, Ludhiana
4	Department of Laws	Yashesvi Singh	Settlement of Investor-State Disputes : A Legal Study of South Asian Investment Regimes	2022-04-30	Prof. Nishtha Jaswal and Prof. Rajinder Kaur
5	Department of Laws	Sarita	Role of Press in Mainstreaming the Dalits : An Analytical Study with Special Reference to State of Punjab	2022-04-30	Prof. Rattan Singh and Dr. V.K. Negi, UILS
6	Department of Laws	Jatinder Maan	Keyword Advertising and Trademark Infringement in Cyberspace : A Study	2022-04-27	Prof. Rajinder Kaur, UILS and Prof. Rashmi K. Aggarwal, IMT Ghaziabad
7	Department of Laws	Kuldeep Singh	Relevancy And Admissibility Of Doctrine Of Res Gestae In Judicial Proceedings; A Comparative Study With US And UK	2022-06-28	Dr. V.K. Negi and Dr. Monika Negi
8	Department of Laws	Rajwinder Kaur	Law Relating to Minority Rights in India with Special Reference to the Working of National Commission for Minority Educational Institutions	2022-04-27	Prof. Devinder Singh and Dr. Anil Kumar Thakur
9	Department of Laws	Manisha Garg	Family Courts under the Act of 1984 : A Juristic Critique with Special Reference to its Functioning in NCT Delhi	2022-04-30	Dr. Anil Kumar Thakur and Dr. Supinder Kaur
10	Department of Laws	Ramneek Kaur	Parallel Imports under the Intellectual Property Regime : A Study with reference to the Indian Law	2022-04-30	Prof. Nishtha Jaswal and Prof. Rajinder Kaur
11	Department of Laws	Sunil Chauhan	Role of Legal Services Authorities in Providing Legal Services : A Study with Special Reference to the State of Haryana	2022-05-25	Dr. Babita Devi
12	Department of Laws	Vibhuti Nakta	Role of Trade Unions in Regulating Industrial Relations in India : A Study	2022-04-25	Prof. Ranbir Kaur
13	Department of Laws	Ankit	Changing Dimensions of the Concept of Sovereignty in view of Globalization	2022-04-29	Dr. Anil Kumar Thakur
14	Department of Laws	Isha Gupta	Implementation Of Directive Principles Of State Policy Under Indian Constitution; An	2022-04-04	Prof. Rattan Singh and Dr. V.K. Negi

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
			Analytical Study With Special Reference To Social And Economic Justice		
15	Department of Laws	Sulbha Setia	Best Global VAT Practices: An Analytical Study with Special Reference to UK, Malaysia and UAE	2022-04-27	Dr. Dinesh Kumar
16	Department of Laws	Simran Jeet Kaur	Role of Non-Governmental Organizations in Protection of Human Rights in India : A Socio-Legal Study with Special Reference to Bachpan Bachao Andolan	2022-04-04	Dr. Jai Mala, UILS
17	Department of Laws	Pinky Bangarh	Regulatory Laws Relating to Various Housing Projects : A Study with Special Reference to Periphery of Union Territory, Chandigarh	2022-06-28	Dr. Prem Nath
18	Department of Laws	Vikash Garg	Judicial Review of the Discretionary Powers of Governor : An Analytical Study	2022-04-20	Dr. Supinder Kaur

#### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
1	Department of Laws	

#### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
NIL							

#### 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
1	Department of Laws	Violence Against Non Resident Indian Women : Challenges and Solutions and Prevention of Domestic Violence Against Women	Haryana State Commission For Women and Bhagidari Jan Sahyog Samiti	Prof. Devinder Singh	25/09/2021	National	Webinar	Haryana State Commission For Women and Bhagidari Jan Sahyog Samiti	25/09/2021
2	Department of Laws	Regional Consultation on Review of Criminal law- Improvement in Status of Women	National Commission for women	Prof. Devinder Singh	12/02/2022	National	workshop	National Commission for women	12/02/2022
3	Department of Laws	Road Safety And Awareness	Chandigarh Traffic Police	Prof. Devinder Singh	04/03/2022	National	workshop	Chandigarh Traffic Police	04/03/2022

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
4	Department of Laws	Population & Law	Population Research Centre, Panjab University	Prof. Devinder Singh	30/03/2022	National	seminar	Population Research Centre, Panjab University	30/03/2022
5	Department of Laws	Census and its relevance to academia and this data age	Population Research Centre, Panjab University	Prof. Devinder Singh	05/04/2022	Industrial	Research event	Population Research Centre, Panjab University	05/04/2022
6	Department of Laws	Environment Fest: Green defenders	Punjab Pollution Control Board	Prof. Devinder Singh	08/04/2022	National	Environment Fest	Punjab Pollution Control Board	09/04/2022
7	Department of Laws	Faculty Development Programme on Intellectual Property	RUSA, Panjab University, Chandigarh	Prof. Devinder Singh	07/05/2022	National	Faculty Development Programme	UGC-Human Resource Development Centre (Hrdc), Panjab University, Chandigarh	13/05/2022
8	Department of Laws	Faculty Development Programme On Human Rights, Values And Ethics In Higher Education In India	RUSA, Panjab University, Chandigarh	Prof. Devinder Singh	20/05/2022	National	FACULTY DEVELOPMENT PROGRAMME	UGC-Human Resource Development Centre (Hrdc), Panjab University, Chandigarh	26/05/2022
9	Department of Laws	Constitutional Law Quiz "Constinius"	Panjab University Alumni Association	Prof. Devinder Singh	30/05/2022	National	Quiz Competition	Panjab University Alumni Association	30/05/2022
10	Department of Laws	National Security of India	Department of Defence and National Securities studies	Prof. Devinder Singh	02/06/2022	National	Special Lecture	Department of Defence and National Securities studies	02/06/2022
11	Department of Laws	Maharana Pratap Jayanti	UIHTM, Panjab University, Chandigarh	Prof. Devinder Singh	02/06/2022	National	Special Lecture	UIHTM, Panjab University, Chandigarh	02/06/2022

### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
NIL			

### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
Constitution Day	22/11/2021	22/11/2021
Human Rights Day	10/12/2021	10/12/2021
Republic Day	26/01/2022	26/01/2022
World Day of Social Justice	20/02/2022	20/02/2022
International Women's Day	08/03/2022	08/03/2022

<b>Title of Event</b>	<b>From Date</b>	<b>To Date</b>
World Consumer Rights Day	15/03/2022	15/03/2022
World Health Day	07/04/2022	07/04/2022
Ambedkar Jayanti	14/04/2022	14/04/2022
Earth Day	22/04/2022	22/04/2022
World Intellectual Property Day	26/04/2022	26/04/2022
International Yoga Day	21/06/2022	21/06/2022

#### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

<b>Title</b>	<b>No. of participants (Students and Staff)</b>	<b>Venue</b>	<b>From Date</b>	<b>To Date</b>
NIL				

#### 7. Number of Patents Published/Awarded

<b>SNo</b>	<b>Patent</b>	<b>Author</b>	<b>Date</b>	<b>Status</b>	<b>National/ International</b>	<b>Patent Number/ Application Number</b>
NIL						

#### 8. Revenue generated through consultancy

<b>SNo</b>	<b>Name of Consultancy Project</b>	<b>Name of the Consultant</b>	<b>Consulting/Sponsoring Agency</b>	<b>Project Date</b>	<b>National/ International</b>	<b>Revenue Generated (INR)</b>
NIL						

## UNIVERSITY INSTITUTE OF LEGAL STUDIES

### SUMMARY OF PUBLICATIONS

#### PUBLICATIONS

#### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISBN Number</b>	<b>State/ National/ International</b>
Dr. Anju Chaudhary (2021)	A celebrated suffering; A celebrated suffering; Satyam law international	9789387839724	National
Dr. Anju Chaudhary (2021)	A Lawless affair; Hlegalities in the field of assisted Human Reproduction; Satyam Law International	9789387839748	National
Dr. Bharat (1st author) (2022)	Agrarian Eco-System in Bharat@Momentous 2047; Bharat 2047-A collective vision; Not provided	978-93-5562-033-0	Other
Shruti Bedi (2022)	and Detention: The Umbrella of Constitutional Protection; Arrest and Detention in India: Law, Procedure and Practice; Sage Publishing	ISBN: 978-93-5479-244-1	International
Dipa Dube & Shruti Bedi (2022)	Arrest and Detention in India: Law, Procedure and Practice; na; Sage Publishing	ISBN: 978-93-5479-244-1	International
Dr. Bharat (1st author) (2021)	Article 21 and Constitutional Morality: An Outlook with special reference to adultery; Expanding Horizons Of Article 21 Of Indian Constitution: A Critique; DELHI LAW HOUSE	9789388918398	Other
Shruti Bedi (2022)	Bodily Integrity and the Extensity of Women's Rights under Indian Criminal Law; The Assurance of Women's Human Rights in Criminal Justice; National Political Publishing House, Hanoi, Vietnam	ISBN: 978-604-57-7507-3	International

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISBN Number</b>	<b>State/ National/ International</b>
Dr. Amita Verma and Anukampa (2021)	Cloud Computing in Public Sector: A Study; Applications of Machine Learning in Big-Data Analytics and Cloud Computing; River Publishers 2021	ISBN 9788770221825	International
Shruti Bedi (2021)	Constitutional Morality: Ambedkar's Progeny and India's Legacy; Ambedkar's Milestones on the Roadmap of Indian Constitution; Thomson Reuters	ISBN: 978-93-90673-54-4	National
Dr. Rattan (2021)	Gender prejudice, adultery, legislation in India: a critical analysis in feminism: role of law; Gender prejudice, adultery, legislation in India: a critical analysis in feminism: role of law; Madaan Publishing House	978-93-84661-79-3	National
Dr. Anupam Bahri (2022)	Human Rights Issues In the 21st Century: International and National Socio Legal Framework; Human Rights Issues In the 21st Century: International and National Socio Legal Framework; Unistar Books Pvt. Ltd.	9789352057245	International
Prof. Rajinder kaur and Dr. Sukhsimranjit Singh (Ed) (2021)	International Commercial Arbitration with Reference to India as an Emerging Hub; International Commercial Arbitration with Reference to India as an Emerging Hub; Thomson Reuters, Legal	978-93-90673-30-8;	International
Dr. Bharat (1st author) (2022)	International Framework Relating to the Protection of Women from Sexual Harassment at Workplace; Gender Justice Voilance and Women; Kanishka Publishers New Delhi	978-93-93066-08-4	National
Dr. Bharat (1st author) (2021)	International measures for the prevention and control of air pollution; International measures for the prevention and control of air pollution; na	2394-0298	Other
Dr. Anju Chaudhary (2021)	Law and Fertility Industry An Abstruse Affair; Law and Fertility Industry An Abstruse Affair; Satyam Law International	9789387839755	National
Shruti Bedi (2022)	of Terrorism: Guaranteeing Liberties and Promoting Democracy; Crime Prevention and Crime Control: An Indian Perspective; Thomson Reuters	ISBN: 978-93-93702-10-4	National
Gulshan kumar (2022)	Performance of Transwomen in Different Fields – A Case Study of Tri-City Chandigarh; PCMA-Journal of Business; PCMA-Journal of Business	0974-9977	National
Shruti Bedi (2021)	Remaining Faithful to the Demands of Legality in the Face of a Violent Crisis: Manipur Encounters, India; March to Justice: Global Military Law Landmarks; OCCAM: BlueOne	ISBN: 978-81-949547-1-2	International
Dr. Ajay Ranga ( Ist author) (2022)	Role of Election Commission in India: Issues and Challenges; Role of Election Commission in India: Issues and Challenges; Pragati Publications New Delhi	978-81-7307-181-2	National
Dr. Anupam Bahri (2022)	Social and legal impact of Covid-19 on women; Socio-Psychological impact and changing perspective of covid-19 on indian society; Redshine Publications Pvt. Ltd.	9789393239419	International
Dr. Rattan Singh (2021)	Socio-economic and cultural issues of child rights in India; Socio-economic and cultural issues of child rights in India; SLM Publishers, Patiala, Punjab	978-81-948287-5-4	National

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Dr. Ajay Ranga (2022)	Sources of China's Export Growth: A Constant Market Share Analysis; Revisiting India-East Asia Connections: Problem and Prospects; KW Publishers Pvt. Ltd. New Delhi	978-93-91-490-43-0	National
Dr. Bharat (1st author) (2022)	Virtual World of Metaverse: An Analysis of the Legal Conundrums; Published in the book titled 'Lectures on law relating to Information Technology and Cyber Crimes' by Dr. Puja Jaiswal and Dr. Shobha Gulati; University Book House Pvt. Ltd. Jaipur	978-93-90672-20-2	National

## DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Dr. Bharat (1st author) (2021)	An Analysis Of Statutory Safeguards of Air Pollution; An Analysis Of Statutory Safeguards of Air Pollution	2277-7067	Yes	not provided
Shruti Bedi & Bhavi Kapur (2021)	Bail under Anti-terror laws: The Liberty Jurisprudence; CASIHR Journal on human rights practice, Vol. IV, Issue II, 2020, pp. 1-16	2581-4834	No	Rajiv Gandhi National University of Law, Patiala
Dr. Amita Verma and Arpit Bansal (2022)	Big Data and Data Mining in e-Health: Legal Issues and Challenges; Big Data Analytics and Machine Intelligence in Biomedical and Health Informatics: Concepts, Methodologies, Tools and Applications	9781119791737	Yes	: 2022 Scrivener Publishing LLC
: Dr Amita Verma and Arpit Bansal (2021)	Conditional Admissibility of Electronic Evidence- An Elucidation of Section 65B with special reference to Jatinder Pal Singh v. Krishan Kishore Bajaj; : International Research Journal of Socio-Legal Studies, vol 6 issue 1-2	ISSN 2455-0019	Yes	AKK New Law Academy & Research Center Pune
Sebastien Lafrance, Shruti Bedi & Hannah Gregorio Leao (2021)	Constitutional Theories of Emergency Powers and their Limits: Perspectives from Vietnam, India and Canada; Vietnam Journal of Legal Sciences Vol. 4, Issue 1 2021	ISSN: 27193004	Yes	Sciendo
Dr. Amita Verma, Karan Jawanda (2021)	Contact tracing apps of Covid-19 vis-a-vis privacy issues: a study; SUPREMO AMICUS International journal on law, vol 24	2456-9704	Yes	Journal of SUPREMO AMICUS, Jharkhand
Dr. Bharat (2021)	Corporate social responsibilities for environmental stewardship; Indian Bar Review	9788193198100	Yes	Indian bar review



<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISSN Number</b>	<b>Peer Reviewed (Y/N)</b>	<b>Publisher</b>
Dr. Amita Verma, Karan Jawanda, Arshdeep Kaur (2021)	Data Privacy and Cambridge Analytica: A Case Study; Supremo Amicus International Journal On Law Vol 24	ISSN2456-9704	Yes	Journal of Supremo Amicus, Jharkhand
Dr. Ajay Ranga (2022)	India's Rising Import Dependence: An Analysis of its Current Status, Concerns and Strategies; Indian Journal of Economic and Development	22775412, 23220430	Yes	The Society of Economics and Development
Meenu Saihjpal (first Author) (2021)	Industrial Disputes in Post- Reform Era: Evidences from West Bengal and Tamil Nadu; Empirical Economics Letters	16818997	No	Mohammad A. Wadud, Managing Editor, The Empirical Economics Letters, Department of Economics, Rajshahi University, Rajshahi Bangladesh
Prof.(Dr.) Rajinder Kaur (2022)	Legal Analysis of artificial Intellengent Corporate Board Rooms; Turkish Journal of Computer and Mathematics Education	9780735441798	No	Publisher Karadeniz Technical University
Dr Amita Verma and Arpit Bansal (2021)	Legal Issues and Challenges of AI: A Study; Journal of University Institute of Legal Studies, Vol XV, Issue 1	2229-3906	Yes	University Institute of Legal Studies, Panjab University Chandigarh
Dr. Bharat ( 1st author) (2022)	Maharishi Journal of Law and Society; Media Trial: An Anti- Thesis to Fair Trial	2581-8007	Yes	Maharishi Law School Noida
Dr.Bharat (1st author) (2021)	Paid News:Key issues and challenges in India; GYAN VIMARSHA: An Inter-Disciplinary Research Journal	2581-6845	Yes	Gyan Vimarsha
Duy Huynh Tan Le & Shruti Bedi (2022)	Presumption of Innocence: Comparing Vietnamese Law with Established International Jurisprudence; Criminal Law Forum	NA	Yes	Springer
Shruti Bedi (2021)	Proportionality and Burden of Proof: Constitutional Review in India; Indian Journal of Constitutional Law, Vol. 10, 2021	ISSN: 0975-0134	Yes	NALSAR University, Hyderabad
Kritika Sheoran and Dr. Amita Verma (2022)	Protecting Fashion Designs in the Intellectual Property Regime: An Analysis; Army Institute of Law Journal, Vol XV 2022	0975-8208	Yes	Army Institute of Law Mohali
Dr. Bharat (2021)	Protection of Children from Sexual Offences: A Judicial Approach; Ideal Journal of Legal Studies	2231-0983	Yes	Ideal Institute of Management and Technology, Delhi

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Sunil Kumar, Dr. Karan Jawanda, and Dr Amita Verma (2022)	Protection Of Women Prisoners Human Rights In India : An Overview; Shodhasamhita: Journal of Fundamental & Comparative Research	ISBN 2277-7067 Vol. VIII, No. 1(XXV) 2022	Yes	Journal of Kavikulaguru Kalidas Sanskrit University, Ramtek
Dr. Ajay Rnaga (2022)	Psychological and Theoretical Perspective on Juvenile Delinquency; Indian Journal of Psychological Science	09769218	Yes	National association of psychological science
Shruti Bedi (2022)	Review of article: Privacy, the shield that protects or the sword that strikes freedom of speech?; Law and Other ThingsBlog	NA	No	Nalsar, Hyderabad
Amita Verma and Sanya Singh (2022)	Right to Privacy and Data Protection During Covid 19; SUPREMO AMICUS International Journal on Law, Vol 30 June 2022	ISSN 2456-9704	Yes	Journal of Supremo Amicus, Jharkhand
Prof.(Dr) Rajinder Kaur (2022)	Shift in Accountability Of Intermediaries for Intellectual Property Violations: A Critical Analysis of Laws; European Intellectual Property Review	17495083,0142461	No	Publisher Sweet & Maxwell
Meenu Saihjpal (first author) (2021)	Social Inculsion of the street vendors in Urban Cities: A study of India and Indonesia;; Bihar Journal of Public Administration	09742735	Yes	Indian Institute of Public Administration, Bihar Regional Branch
Sunil Kumar, Dr. Karan Jawanda, and Dr. Amita Verma (2022)	Status Of Women Prisoners And Their Children : A Study Of Central Prison Of Haryana; NIU International Journal of Human Rights	ISBN 2394 – 0298 Volume 9(V), 2022 UGC care list	Yes	NIU
Dr. Bharat (1st author) (2021)	The Commission for Air Quality Management: Stable and Sustainable Solution; (UGC CARE Listed) Panjab University Research Journal (Arts) Volume XLVIII, No. 2	0970-5260	Yes	Panjab University
Shruti Bedi (2021)	The Contestation between Right to be Forgotten and Freedom of Expression: Constitutional Silences and Missed Opportunities; Comparative Constitutional Law and Administrative Law Journal, Vol. VI, Issue I, 2021	ISSN: 2582-9807	Yes	National Law University, Jodhpur
Shruti Bedi (2022)	The Juvenile Justice Law in India: Are you old enough to commit a crime?; Vietnam Journal of Legal Sciences, Vol. 5, Issue 2, 2021,pp. 16-30	27193004	No	Sciendo

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Shruti Bedi & BhaviKapur (2022)	The Moving Moorings of Migrants: Rights and Justice in India; National Law University Odisha Law Journal, Vol. VIII, 2021, pp. 75-91.	na	Yes	Eastern Book Company
Meenu Saihjpal (CO-AUTHOR) (2021)	Urban Street Vending in India and Thailand: A Review; PIMT Journal of Research	22787925	Yes	PIMT Institute of Management and Technology
Dr. Jai Mala (2022)	Voilence angainst Women Amidst COVID- 19; Journal Research in humanites and Social; Science	2321-9467	No	Online

#### DETAILS OF PUBLICATIONS

##### Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
Anupam Bahri (2021)	Constitution, Citizenship and Minorities; Constitution, Citizenship and Minorities	University of Mumbai	nil
Prof. (Dr.) Rajinder Kaur (2022)	Efficacy of Cloud Contracts; Conference Proceedings 2424	9780735441798	Conference Proceedings 2424
Anupam Bahri, Gurmeet Kaur, Jayanti Dutta (2022)	Understanding geodiversity and geo heritage; Understanding geodiversity and geo heritage	nil	nil
Anupam Bahri (2021)	Women in global world; Women in global world	nil	nil

#### DETAILS OF PUBLICATIONS

##### Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### Summary of Research Publications July 1 ,2021 to June 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	University Institute of Legal Studies	Peer Review Journals	3	18	3	24
2	University Institute of Legal Studies	e-Journals	4	3	0	7
3	University Institute of Legal Studies	Conference Proceedings	3	2	0	5
4	University Institute of Legal Studies	Book with ISBN	5	9	0	14
5	University Institute of Legal Studies	Books	0	0	3	3
6	University Institute of Legal Studies	Edited Books	0	1	0	1
7	University Institute of Legal Studies	Chapter in a book	3	2	0	5

#### RESEARCH SCHEMES

##### Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration(in years)	Principal Investigator and Research Team
ICSSR, New Delhi	Major Research Project of ICSSR, new delhi	900000	270000	Major	2020 - 2022	Prof. (Dr.) Gulshan Kumar

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
ICSSR, MHRD	Impactful Policy Research In Social Science Research Project	600000	120000	Major	2019 - 2021	DR ASHISH SAIHJPAL

### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT

#### Details of Seminars, Conferences, and Workshops organized during the Academic Year

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
workshop on IPR	2022-06-28	2022-07-30	Dr. Amita Verma, Dr. Anupam Bahri, Dr. Karan Jawanda	240
seminar on right to vote changing contour of democracy	2022-03-29	2022-03-29	Prof rattan singh , Prof Shruti Bedi, Dr. Virender Negi	120
Crime scene Investigation	2022-05-20	2022-05-20	RajinderKaur, Ms. Nehmat Bajwa	200
orientation for LLM program	2021-12-03	2021-12-03	prof Rajinder kaur	100
seminar	2021-12-06	2021-12-06	Prof. Rajinder Kaur	60
seminar	2021-12-26	2021-12-26	Prof. Rajinder Kaur	100
Orientation schedule	2021-11-10	2021-11-12	Prof. Rajinder Kaur	220
Article writing Competition on Republic Day	2022-01-26	2022-01-26	Dr. Pushpinder Kaur	70
Seminar	2021-11-26	2021-11-26	Prof. (Dr.) Rajinder kaur	100
Seminar	2021-12-06	2021-12-06	Prof. (Dr.) Rajinder Kaur	60
Seminar (Orientation for LL.M. program)	2021-12-03	2021-12-03	Prof. (Dr.) Rajinder Kaur	100

### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

#### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S.n	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	University Institute of Legal Studies	Dr. Bharat	Export Contracts	other	Others	Other	Northern India Institute of fashion technology Mohali	06/09/2021	06/09/2021	Northern India Institute of fashion technology Mohali
2	University Institute of Legal Studies	Dr. Bharat	Drafting of exports contracts	other	Others	Other	Northern India Institute of Fashion Technology	13/09/2021	13/09/2021	Northern India Institute of Fashion Technology Mohali
3	University Institute of Legal Studies	Dr. Bharat	Legal structure of company	other	Others	Other	Northern India Institute of fashion technology Mohali	20/09/2021	20/09/2021	Northern India Institute of fashion technology Mohali
4	University Institute of Legal Studies	Dr. Bharat	Formation of Garment Exporting Company	other	Others	Other	Northern India Institute of Fashion Technology Mohali	23/09/2021	23/09/2021	Northern India Institute of Fashion Technology Mohali

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
5	University Institute of Legal Studies	Dr. Bharat	Corporate Personality	other	Others	Other	Dr. B.R. Ambedkar National Law University, Sonapat	29/09/2021	29/09/2021	Dr. B.R. Ambedkar National Law University, Sonapat
6	University Institute of Legal Studies	Dr. Bharat	General Agreement on Tariffs and Trade	other	Others	Other	Northern India Institute of Fashion Technology Mohali	30/09/2021	30/09/2021	Northern India Institute of Fashion Technology Mohali
7	University Institute of Legal Studies	Dr. Bharat	Lifting of Corporate Veil	other	Others	Other	Dr. B.R. Ambedkar National Law University Sonapat	01/10/2021	01/10/2021	Dr. B.R. Ambedkar National Law University Sonapat
8	University Institute of Legal Studies	Dr. Bharat	Legal Education: Prospects and Possibilities	other	Others	Other	All India Radio Station Chnadigarh	30/12/2021	30/12/2021	All India Radio Station Chnadigarh
9	University Institute of Legal Studies	Dr. Bharat	Corporate Social Responsibility Law In India	other	Others	Other	Human Resource Centre Punjabi University Patiala	14/01/2022	14/01/2022	Human Resource Centre Punjabi University Patiala
10	University Institute of Legal Studies	Dr. Bharat	Azadi ka Amrit Mahotsav and Atma Nirbhar Bharat	other	Others	Other	GGDSD College Chandigarh	13/03/2022	13/03/2022	GGDSD College Chandigarh
11	University Institute of Legal Studies	Dr. Bharat	Interview Training	other	Others	Other	Institute Of Educational Technology and Vocational Training Panjab Univesity	11/03/2022	11/03/2022	Institute Of Educational Technology and Vocational Training Panjab Univesity
12	University Institute of Legal Studies	Dr. Bharat	Intellectual Property and Youth: Innovating For a Better Future	other	Others	Other	SD College Ambala Cantt	26/04/2022	26/04/2022	SD College Ambala Cantt
13	University Institute of Legal Studies	Dr. Bharat	Aazadi ka amrit mahotsav	other	Others	Other	All India Radio Station Chandigarh	18/06/2022	18/06/2022	All India Radio Station Chandigarh
14	University Institute of Legal Studies	Gulshan kumar	Right to Vote: Changing Contours of Democracy	seminar	Academic and Research Event	International	UILS	29/03/2022	29/03/2022	UILS
15	University Institute of Legal Studies	Shruti Bedi	Military Justice: Reflections and Learnings.	webinar	Human Rights	International	Online	06/06/2022	06/06/2022	National Institute of Military Justice (NIMJ), Washington DC, USA, Panjab University, Chandigarh, India, Bar & Bench and Beyond Law CLC, Chandigarh.

S.n	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
16	University Institute of Legal Studies	Shruti Bedi	Critical Thinking and Legal Reasoning	webinar	Academic and Research Event	International	Ho Chi Minh City University of Law, Vietnam	10/03/2022	10/03/2022	Prof. Sebastien Lafrance, Ho Chi Minh City University of Law, Vietnam.
17	University Institute of Legal Studies	Shruti Bedi	Maintaining Rule of Law in Times of National Security Crises	symposium	Human Rights	International	Online	28/01/2022	28/01/2022	Mississippi College School of Law, USA and Beyond Law CLC, Chandigarh.
18	University Institute of Legal Studies	Shruti Bedi	March to Justice: Global Military Law Landmarks	webinar	Others	International	Panchkula, Haryana	17/12/2021	17/12/2021	OCCAM.
19	University Institute of Legal Studies	Shruti Bedi	Legalisation of Same-sex Marriage: A Global Perspective	conference	Gender Equality	International	School of Law, Vietnam National University	07/12/2021	08/12/2021	School of Law, Vietnam National University; Asian Law Centre, Melbourne Law School, The University of Melbourne.
20	University Institute of Legal Studies	Shruti Bedi	Law, Governance, and Globalization (ICLGG 2021) on The Challenge of Sustainable Development: Present and Future	Professional Development Programs	Academic and Research Event	International	Surabaya, Indonesia	03/11/2021	03/11/2021	Faculty of Law, Universitas Airlangga, Surabaya, Indonesia
21	University Institute of Legal Studies	Shruti Bedi	Juvenile Criminal Justice	conference	Academic and Research Event	International	Ho Chi Minh City University of Law, Vietnam	13/10/2021	13/10/2021	Ho Chi Minh City University of Law, Vietnam
22	University Institute of Legal Studies	Shruti Bedi	Life Imprisonment in Asia: Law and Practice	conference	Academic and Research Event	International	Hanoi, Vietnam	05/10/2021	06/10/2021	University of Nottingham, UK; University of Melbourne; School of Law, Vietnam National University, Hanoi; and International Organization of Educators and Researchers.
23	University Institute of Legal Studies	Shruti Bedi	Constitution Building in Culturally Diverse States at the International Summer School	other	Academic and Research Event	International	Surabaya, Indonesia	04/08/2021	04/08/2021	Faculty of Law, Universitas Airlangga, Surabaya, Indonesia
24	University Institute of Legal Studies	Shruti Bedi	India Justice Report: A Discussion	workshop	Academic and Research Event	National	RGNUL, Patiala	18/04/2022	18/04/2022	Centre for Criminology, Criminal Justice and Victimology at Rajiv Gandhi

S.n o	Departme nt	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
										National University of Law, Punjab
25	University Institute of Legal Studies	Shruti Bedi	Civic Literacy and Participation. Link	webinar	Social Issues	National	Delhi	04/02/202 2	04/02/202 2	Team Socio Legal Literary
26	University Institute of Legal Studies	Shruti Bedi	Capacity Building Program on Critical Criminal Law	symposium	Academic and Research Event	National	: RGNUL, Patiala.	18/01/202 2	18/01/202 2	Centre for Criminology, Criminal Justice and Victimology (CCV), Rajiv Gandhi National University of Law, Punjab.
27	University Institute of Legal Studies	Shruti Bedi	Online Refresher Course in Law	Professiona l Developme nt Programme s	Refresher Course	National	Patiala	07/01/202 2	07/01/202 2	UGC-HRDC Punjabi University, Patiala
28	University Institute of Legal Studies	Shruti Bedi	International Day of Democracy	webinar	Gender Equality	National	Mumbai, India	15/09/202 1	15/09/202 1	Centre for Women, Law and Gender Justice, Maharashtra National Law University, Mumbai
29	University Institute of Legal Studies	Shruti Bedi	Changing Dimensions of Crime and Criminal Justice in India	Professiona l Developme nt Programme s	Faculty Development Programme	National	Shoolini, Himachal, India	06/08/202 1	06/08/202 1	School of Law, Shoolini University.
30	University Institute of Legal Studies	Shruti Bedi	Pendency of Criminal Litigation in India and Canada: Why the Pandemic Makes it Even More Complicated?	webinar	Academic and Research Event	National	Gandhinagar, India	26/07/202 1	26/07/202 1	United World School of Law, Karnavati University, Gandhinagar
31	University Institute of Legal Studies	Dr. Anupam Bahri	Understanding Geodiversity and Geo heritage	Professiona l Developme nt Programme s	Faculty Development Programme	National	P.U	22/02/202 2	28/02/202 2	HRDC, P.U Chd
32	University Institute of Legal Studies	Dr. Anupam Bahri	Constitution, Citizenship and Minorities	conference	Academic and Research Event	National	Mumbai	08/12/202 1	10/12/202 1	University of Mumbai
33	University Institute of Legal Studies	Dr. Anupam Bahri	Women in Globalised World	conference	Academic and Research Event	Internation al	Haryana	28/08/202 1	30/08/202 1	Department of Sociology Haryana, India
34	University Institute of	Pushpinder Kaur	Outcome Based Teaching Learning	Professiona l Developme nt	Faculty Development Programme	National	Uttar Pradesh	12/07/202 1	17/07/202 1	Sharda University,

S.n	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
	Legal Studies		Methods and Research in Law	Programmes						Greater Noida, Uttar Pradesh
35	University Institute of Legal Studies	Anupam Bahari	Crime against women its on Presentation in Media	other	Others	University	uils	26/11/2021	27/11/2021	pu university
36	University Institute of Legal Studies	Prof. Rajinder Kaur	Efficacy of Cloud Contracts	conference	Faculty Development Programme	National	Panjab University, Chandigarh,	21/03/2022	21/03/2022	Panjab University, Chandigarh,
37	University Institute of Legal Studies	Prof. Rajinder Kaur, Ms. Nehmat	Crime Scene Workshop	workshop	Others	University	UILS PU CHD	20/05/2022	20/05/2022	Prof. Rajinder Kaur, Ms. Nehmat
38	University Institute of Legal Studies	Dr. Rattan Singh	Right to Vote: Changing Contours of Democracy	seminar	Academic and Research Event	International	UILS PU CHD	29/03/2022	29/03/2022	Dr. Rattan Singh
39	University Institute of Legal Studies	Dr. Vandana, Ms. Alka Sharma	orientation schedule	seminar	Orientation/Induction Programme	University	Microsoft Teams	10/11/2021	12/11/2021	UILS
40	University Institute of Legal Studies	department representatives	online library orientation programme	webinar	Training/Orientation	University	microsoft teams	12/02/2022	12/02/2022	department representatives
41	University Institute of Legal Studies	Dr. Ivneet Walia	orientation for LL.M. Programme	seminar	Orientation/Induction Programme	National	Uils, microsoft teams	03/12/2021	03/12/2021	Prof. (Dr.) Rajinder Kaur
42	University Institute of Legal Studies	Dr. Shilpa Jain	How to write a research paper	seminar	Others	National	microsoft teams	06/12/2021	06/12/2021	Prof. (Dr.) Rajinder Kaur
43	University Institute of Legal Studies	prof Rajinder kaur	orientation program and value a	seminar	Others	University	online	25/11/2021	07/12/2021	UILS
44	University Institute of Legal Studies	Dr. Bharat	Women Direrctors Endorsing Empowerment and corporate governance	seminar	Others	Other	Mody University of Science and Technology Rajasthan	30/04/2022	30/04/2022	Mody University of Science and Technology Rajasthan
45	University Institute of Legal Studies	Prof. (Dr.) Rajinder Kaur	Online Library Orientation Programme	other	Training/Orientation	University	Microsoft Teams	11/11/2021	11/11/2021	Department Representatives
46	University Institute of Legal Studies	Dr. Anupam Bahri	Social Work, Social Justice and Human Rights in India	conference	Human Rights	National	Panjab University, Centre for Social Work, Chandigarh	27/05/2022	28/05/2022	Centre for social work, PU
47	University Institute of Legal Studies	Dr. Anupam Bahri	Well being and community	conference	Others	National	Centre for social Work, Panjab University, CHD	28/05/2022	28/05/2022	Centre for social Work, Panjab University, CHD



S.n o	Departme nt	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
48	University Institute of Legal Studies	Shivani Gupta	FDP on Human Rights, Values & Ethics in Higher Education in India	Professiona l Developme nt Programme s	Faculty Development Programme	National	Chandigarh	20/05/202 2	26/05/202 2	HRDC

### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
NIL					

### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
NIL		

#### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
1	University Institute of Legal Studies	Moot Court Competition	Surana & ; Surana International Attorneys	University Institute of Legal Studies, Panjab University	11/01/2018	10/01/2027	National

#### 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
1	University Institute of Legal Studies	Panel Discussion on "Military Justice	Washington DC, USA.	Prof. Shruti Bedi	06/06/2022	International	International Fellowship	na	06/06/2022
2	University Institute of Legal Studies	1st edition of the international UILS Negotiation Competition	Dr. Pushpinder kaur	100	10/11/2021	National	NIL	NIL	14/11/2021
3	University Institute of Legal Studies	Right to vote: Changing Contours of Democracy	Centre for Constitution and Public Policy	Prof. Shruti Gupta	29/03/2022	International	International seminar	na	29/03/2022

#### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	97	7	104
Class rooms	27	0	27
Class rooms with Wifi/LAN facility	27	0	27

<b>Facilities</b>	<b>Existing</b>	<b>Newly Created/Added</b>	<b>Total</b>
Class rooms with ICT facility (LCD/Projector)	4	0	4
No. of Research Labs	0	0	0
No. of Computer labs	2	0	2
Video Centre	2	0	2
Seminar Halls with ICT facility	3	0	3
Seminar Halls	3	0	3
No. of important equipments purchased ( $\geq$ 10 lakh) during the current year.	110	9	119
Value of the equipment purchased during the year (Rs. in Lakhs)	0	507268	507268

#### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

<b>Title</b>	<b>No. of participants (Students and Staff)</b>	<b>Venue</b>	<b>From Date</b>	<b>To Date</b>
NIL				

#### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

<b>Title of Event</b>	<b>From Date</b>	<b>To Date</b>
National online quiz competition on independence day	15/08/2021	19/08/2021
NSS 52nd Birthday Celebrations	24/09/2021	24/09/2021
National Cartoon/Poster Making Competition On International Peace Day	30/09/2021	30/09/2021
National Declamation Competition	08/10/2021	10/10/2021
National Declamation Competition On International Day Of Non-Violence	08/10/2021	10/10/2021
National Quiz Competition On Indian Air Force Day	08/10/2021	08/10/2021
Impact Of Auto Immune Disease On Women Health Care	12/10/2021	12/10/2021
Real case study reading	25/11/2021	25/11/2021
Awareness Campaign on World AIDS Day	01/12/2021	01/12/2021
Plantation Drive on National Pollution Control Day	02/12/2021	02/12/2021
Self Composed Poetry Competition	20/12/2021	20/12/2021
Essay Writing Competition	12/01/2022	12/01/2022
A webinar to commemorate Indian Army Day	15/01/2022	15/01/2022
The Fierce Bravery; Women And Their Role In The Indian Army	19/01/2022	19/01/2022
Awareness Campaign Of Health & Hygiene Of Girls With Government SCHEMES	25/01/2022	25/01/2022
Poster Making On Genital Mutilation	27/01/2022	27/01/2022
National Article Writing Competition On Republic Day	30/01/2022	30/01/2022
Right To Vote; A Value Of Chance	04/02/2022	04/02/2022
Slogan Writing Competition on Sant Ravidas Jayanti	16/02/2022	16/02/2022
Social, Economic And Political Rights For Everyone	20/02/2022	20/02/2022
A Webinar to commemorate World Justice Day	20/02/2022	20/02/2022
Slogan Writing Competition On Worlds Mother Language Day	21/02/2022	21/02/2022
Awareness Drive to Reduce, Reuse, Recycle to commemorate World Sustainable Energy Day	27/02/2022	27/02/2022
Awareness Drive on Road Safety Day	04/03/2022	04/03/2022
Webinar on Role of Homeopathy in Women's Health on International Women Day	08/03/2022	08/03/2022

<b>Title of Event</b>	<b>From Date</b>	<b>To Date</b>
Webinar on mental Health: De- Stigmatized and Mental Health First Aid on Mental Health Day	11/03/2022	11/03/2022
Awareness Campaign for World Consumer Rights Day	15/03/2022	15/03/2022
Awareness Drive on National Vaccination Day	16/03/2022	16/03/2022
Poster Making Competition On Health Is Wealth	07/04/2022	07/04/2022
Best out of waste competition to commemorate earth day	22/04/2022	22/04/2022
Intra Department Quiz Competition On Civil Service Day	25/04/2022	25/04/2022
World Labour Day	01/05/2022	01/05/2022
Save Soil Movement And Crises Of Social Extinction	09/05/2022	09/05/2022
Intra Department Quiz Competition	23/05/2022	23/05/2022
Awareness Campaign on Occasion of Anti Tobacco Day	31/05/2022	31/05/2022

**6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022**

<b>Title</b>	<b>No. of participants (Students and Staff)</b>	<b>Venue</b>	<b>From Date</b>	<b>To Date</b>
NIL				

**7. Number of Patents Published/Awarded**

<b>SNo</b>	<b>Patent</b>	<b>Author</b>	<b>Date</b>	<b>Status</b>	<b>National/ International</b>	<b>Patent Number/ Application Number</b>
NIL						

**8. Revenue generated through consultancy**

<b>SNo</b>	<b>Name of Consultancy Project</b>	<b>Name of the Consultant</b>	<b>Consulting/Sponsoring Agency</b>	<b>Project Date</b>	<b>National/ International</b>	<b>Revenue Generated (INR)</b>
NIL						

**Dr HARVANSH SINGH JUDGE INSTITUTE OF DENTAL SCIENCES & HOSPITAL**

**SUMMARY OF PUBLICATIONS**

**PUBLICATIONS**

**DETAILS OF PUBLICATIONS**

**(Books/ Reference General/ Book Chapter/ Book Edited)**

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISBN Number</b>	<b>State/ National/ International</b>
NIL			

**DETAILS OF PUBLICATIONS**

**(Research Papers/ Review Article/ Editorial Article in Referred Journal)**

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISSN Number</b>	<b>Peer Reviewed (Y/N)</b>	<b>Publisher</b>
Nandini Bhaskar, Rose Kanwaljeet Kaur, Ashish Jain (2021)	A comparison of oral health status in diabetic and non-diabetic patients receiving hemodialysis - A systematic review and meta-analysis; Diabetes & Metabolic Syndrome: Clinical Research & Reviews	1871-4021	Yes	Springer

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Dr. Savita Prashar (2021)	A Longitudinal Study on Respiratory Morbidity due to Air Pollution in an Industrial Town Mandi Gobindgarh, Punjab, India; Medical Reports and Case Studies	2572-5130	Yes	IOMC
Harsimran Kaur, Vishwajeet Singh Jamwal (2022)	A Randomized Clinical Trial Comparing 0.75% Ropivacaine and 2% Lidocaine with 1:200,000 Adrenaline in Minor Oral Surgery; International Journal of Current Advanced Research	O:2319-6475. P:2319-6505	Yes	International Journal of Current Advanced Research
Dr. Savita Prashar (2021)	A study to find the awareness level regarding prevention and control of sexually transmitted diseases among university students of Panjab university, Chandigarh, India; International Journal Of Community Medicine And Public Health	2394-6032	Yes	Medip Academy
Arun K. Garg (2022)	Amongst various socioeconomic groups as depicted by the various studies that have been performed in the past to examine the relation between socio-economic status (SES) and the prevalence of malocclusion among the school children of various SES backgrounds (2). Similarly, oral habits can invariably; Acta Biomedica	ISSN, 0392-4203 ; eISSN, 2531-6745	Yes	Mattioli1885, Fidenza (PR) Italy
Dr. Savita Prashar (2021)	An epidemiological study to find out problems faced by patients and their attendants in three major hospitals of Chandigarh; Indian Journal of Preventive & Social Medicine	0301-1216	Yes	Connect Journals
Archna Agnihotri, Swaty Jhamb, Urvashi Sharma (2022)	Azadirachta indica A. juss, Morinda citrifolia L. and Triphala as herbal endodontic irrigants: A scoping review; AYU journal	ISSN 0974 8520	Yes	Wolters Kluwer Medknow
Vishakha Grover (2021)	Characterization and Antimicrobial Studies of Iturin-Like and Bogorol-Like Lipopeptides From Brevibacillus spp. Strains GI9 and SKDU10.; Front. Microbiol.	1664-302X	Yes	Front. Microbiol.
Arun Garg, Litesh Singla, Deepak K Gupta (2022)	Comparitive Effect of micro osteo perforation and photo bio modulation on the rate of maxillary canine retraction: a split mouth randomized clinical trial; La clinica terapeutica	1972-6007	Yes	Societa Editrice Universo
Dr. Jyoti Sharma, Dr. Manjula Mehta, Dr. Sonia B Bhardwaj (2021)	Contamination of 'in-use' bar soaps in dental clinics of University hospital; Int J Community MedPublic Health	pISSN 2394-6032   eISSN 2394-6040	Yes	Medip Academy
Rajni Jain,Prabhjot kaur,Vishakha Grover (2022)	COVID-19 Safe Clinical Dentistry: Applications of 3D Printing Technologies; Lecture Notes in Bioengineering,	2195-2728	Yes	Springer Nature Singapore
Ruchi singla, Swaty jhamb,Amandeep kaur,Jagat bhushan,.	Dentinal defects after root canal preparation with rotary nickel-titanium files using different	0972-0707	Yes	Walters kluwer

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Amandeep singh uppal (2022)	irrigants: An in vitro study; Journal of conservative dentistry			
Ashish Jain (2022)	Development of descriptive mathematical models for different domains of gingival recession using multiple linear regression analysis.; Journal of Indian society of Periodontology	09751580, 0972124X	Yes	Wolters Kluwer - Medknow
Sharique Rehan, Virender, Sunint Singh (2022)	Digital versus conventional implant impressions- Finding the evidence; International Journal of Dental Science and Innovative Research	2581-5989	Yes	Dental Publication Service
Ashish Jain (2022)	Effect of anxiety and psychologic stress on periodontal health: a systematic review and meta-analysis; Quintessence International	19367163, 00336572.	Yes	Quintessence International
Jyoti Gupta, Rose Knawaljeet Kaur, Ashish Jain (2022)	Effect of anxiety and psychologic stress on periodontal health: A Systematic Review and meta-analysis; Quintessence International	ISSN 0033-6572 (print) • ISSN 1936-7163 (online)	Yes	Quintessence publishing
Shaveta Sood, Sonia B Bhardwaj, Savita Prashar, Ashish Jain (2021)	Effect of nano-crystalline silver membrane on early wound healing after periodontal surgery: A comparative randomized study.; JISP 2021;25:504-509	09751580, 0972124X	Yes	JISP
Ashish Jain (2021)	Effect of non-surgical periodontal therapy on the serum and crevicular fluid interleukin-10 levels in chronic periodontitis - A systematic review and meta-analysis; Int .J Health Sci (Qassim).	1658-7774	Yes	Int .J Health Sci (Qassim).
Dr Kitty sidhu (2022)	Endodontic management of a case of radix entomolaris; Indian journal of conservative dentistry and endodontics	2581-9534	Yes	Innovative publication
Kitty sidhu, Jagat bhushan, Sonia bhardwaj (2022)	Ex-vivo evaluation of Nano-MgO in the Elimination of Endodontic Pathogen E.Feacalis; Indian journal of conservative dentistry and endodontics	2581-9534	Yes	Innovative publication
Dr. Jyoti Gupta (2021)	Functionally graded membrane: A novel approach in the treatment of gingival recession defects.; J Indian Soc Periodontol 2021;25:411-7	0972-124X	Yes	Medknow Publishers
Shipra Gupta, Mili Gupta, Jyoti Gupta, Sukant Garg (2022)	Influence of periodontitis and diabetes on structure and cytokine content of platelet-rich fibrin; Oral Diseases	ISSN:1601-0825	Yes	Wiley
Shally Gupta, Manjula Mehta, Anubha Gulati (2022)	Isolation and Identification of Various Candida Species in Potentially Malignant Disorders of Oral Cavity: A Retrospective Study; International Journal of Tropical Disease & Health	ISSN: 2278-1005	Yes	Sciencedomain International
Dr. Kavita Sekhri, Dr. Ruchika Nandha (2022)	Journey of Chloroquine/Hydroxychloroquine in the management of COVID-19; Research journal of pharmacology and pharmacodynamics	ISSN: print- 0975-4407, online- 2321-5836	Yes	A &V publications

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISSN Number</b>	<b>Peer Reviewed (Y/N)</b>	<b>Publisher</b>
Leena Verma, Sidhi Passi, Jyoti Gupta (2022)	Knowledge of Physical Education Teachers of Chandigarh with Regard to Emergency Management of Avulsed Teeth at School; Journal of South Asian Association of Pediatric Dentistry	eISSN: 2582-1024	Yes	Jaypee Publishers
Dr. Suruchi Aditya, Dr. Ruchika Nandha, Dr. Kavita Sekhri (2021)	Lemborexant: a novel orexin antagonist for insomnia; RUHS Journal of health sciences	Print ISSN-2456-8309;e-ISSN: 2582-3590	Yes	RUHS
Namrata C Gill (2022)	Lift the Lip: A Simple Visual Tool for Caries Risk Assessment; Indian Pediatrics	ISSN(Print) 0019-6061	Yes	Indian Academy of Pediatrics
Vishakha Grover, Rajni Jain (2022)	Literature Review of Omicron: A Grim Reality; Microorganisms 2022, Journal :451, 3-7	2076 2607	Yes	MDPI
Ruchi singla (2022)	Management of intrinsic discoloration of maxillary incisors with walking bleach; Indian journal of conservative endodontics	2581-9534	Yes	Innovative publications
Vishakha Grover, Manjula Mehta (2022)	Natural Prokaryotic Antimicrobial Peptide coated Titanium discs prevent Staphylococcus aureus growth and biofilm formation – Implications on pre-implant Infections; Materials Today; Proceedings	2214-7853	Yes	Elsevier
Arun K. Garg, Deepak K. Gupta (2022)	Obstructive Sleep Apnea- Current Treatment Strategies; Obstructive Sleep Apnea- Current Treatment Strategies	ISBN: 978-620-0-22222-0	Yes	LAMBERT Academic Publishing
Vandana Chhabra, Hemant Batra (2021)	Pediatric Palatal Focal Fibrous Hyperplasia; Indian Journal of Applied Research	ISSN 2249-555X (Print)	Yes	World Wide Journals
Vishakha Grover (2021)	Preparation and Characterization of in-Situ Gelling Systems Containing Curcumin Loaded Solid Lipid Nanoparticles for Periodontitis; Curr Trends Biomedical Eng & Biosci	2572-1151	Yes	Juniper Publications
Poonam Sood, Vandana Chhabra (2021)	Prepared or scared? Awareness of dental practitioners about COVID -19; University journal of maxillofacial and oral sciences	N.A.	Yes	Aligarh Muslim University
Manjula Mehta, Sonia B Bhardwaj, Jyoti Sharma (2021)	Prevalence of Intestinal Parasitic Infection in Relation to Age in the Urban Population from Chandigarh, India.; International Journal of tropical disease & health	ISSN: 2278-1005	Yes	SCIENCEDOMAIN INTERNATIONAL
Sukant Garg (2022)	Prevalence of Vitamin D deficiency among pregnant women and effect of Vitamin D supplementation on maternal and fetal outcomes: A double-blind randomized placebo controlled trial; Asian Journal of Medical Sciences	2091-0576	Yes	Nepal Journals Online
Deepak K Gupta, Arun K garg (2022)	Recent Research Tools and Techniques in Orthodontics: Towards the new era of Orthodontics; Recent Research Tools and	ISBN: 978-613-9-4608	Yes	LAMBERT Academic Publishing

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
	Techniques in Orthodontics: Towards the new era of Orthodontics			
Dr. Manjula Mehta, Dr. Jyoti Sharma, Dr. Sonia B Bhardwaj (2022)	Relationship of biofilm formation and antibiotic susceptibility profile of uropathogenic Escherichia coli.; D Y Patil J Health Sci	Print -2347-3665, Online - 2347-8020	Yes	Medknow
Ravi Kant Sharma (2022)	Role of Inflammatory Cytokines in Pathophysiology of Psoriasis; Current Pharmacology Reports	2198-641X	Yes	Springer International Publishing AG
Dr. Suruchi Aditya (2022)	Sclerostin inhibition: A novel target for the treatment of postmenopausal osteoporosis; Journal of Mid-Life Health	0976-7800	Yes	Wolters Kluwer Medknow
Vishakha Grover, Manjula Mehta (2022)	Synthetic short peptides (SSPs) as antibiofilm agents for dental material applications.; Materials Today; Proceedings	2214-7853	Yes	Elsevier
Shally Gupta, Anubha Gulati, Simranjit Singh (2022)	Tooth decalcification using different decalcifying agents – A comparative study; Journal of Oral and Maxillofacial Pathology	ISSN:print-(0973-029X, online-1998-393X	Yes	Wolters Kluwer - Medknow
Litesh Singla (2021)	TrueNat: A feather in the cap of India's rapid testing capacity and its scope in dentistry; IDJSR	2394-708X	Yes	Innovative publications
Manjot Kaur (2022)	Zirconia for customized Root Analogue Implants- A Review; Asia Pacific Dental Journal	-	Yes	Asia Pacific Dental Federation and International College of Continuing Dental Education

#### DETAILS OF PUBLICATIONS

##### Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### DETAILS OF PUBLICATIONS

##### ARTICLES PUBLISHED IN NEWSPAPERS

Name of Author	Title of the Paper	ISSN Number	Publisher
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##### Summary of Research Publications July 1, 2021 to June 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Peer Review Journals	25	18	1	44

#### RESEARCH SCHEMES

##### Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
DST, UT Chandigarh	Sh`ort Term Project	125000	125000	Others	2021 - 2022	Dr Hemant Batra

## SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT

### Details of Seminars, Conferences, and Workshops organized during the Academic Year

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Research Methodology-A Sensitization program	2021-11-30	2021-11-30	Mr. Prem	9
Crafting- An effective scientific presentation	2022-01-22	2022-01-22	Dr. Shefali Singla	20
Introduction to research in Prosthodontics	2022-04-09	2022-04-09	Indian Prothodontic society	40

## SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Shefali Singla	Palliative oral care for mucormycosis and anterior implant supported restorations	webinar	Academic and Research Event	National	webinar	28/08/2021	28/08/2021	IPS Haryana
2	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Shefali Singla	49th IPS Conference	conference	Academic and Research Event	National	Chennai	01/12/2021	05/12/2021	IPS
3	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Shefali Singla	Dental Photography and Documentation	seminar	Academic and Research Event	State	pPanjab University Chandigarh	06/12/2021	07/12/2021	Department of Prostodontics in collaboration with UGC- Human Resource Development Centre
4	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Shefali Singla	Implantology Made Easy	workshop	Short-Term Course	University	Dr. Harvansh Singh Judge Institute of Dental Sciences and Hospital, PU Chandigarh	20/12/2021	21/12/2021	Department of Prosthodontics, DHSJIDS
5	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Shefali Singla	Introduction to research in Prosthodontics	webinar	Academic and Research Event	National	webinar	09/04/2022	09/04/2022	IPS Haryana
6	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Shefali Singla	Road map to implant supported full mouth rehabilitation	workshop	Training/Orientation	National	webinar	17/05/2022	17/05/2022	IPS Haryana
7	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Komal Sehgal	Palliative oral care for mucormycosis and anterior implant	webinar	Academic and Research Event	National	webinar	28/08/2021	28/08/2021	IPS Haryana



S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
8	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Komal Sehgal	supported restorations 49th IPS Conference	conference	Academic and Research Event	National	Chennai	01/12/2021	05/12/2021	IPS
9	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Komal Sehgal	Dental Photography and Documentation	seminar	Academic and Research Event	State	pPanjab University Chndigarh	06/12/2021	07/12/2021	Department of Prostodontics in collaboration with UGC- Human Resource Development Centre
10	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Komal Sehgal	Implantology Made Easy	workshop	Short-Term Course	University	Dr. Harvansh Singh Judge Institute of Dental Sciences and Hospital , PU Chandigarh	20/12/2021	21/12/2021	Department of Prosthodontics , DHSJIDS
11	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Komal Sehgal	Introduction to research in Prosthodontics	webinar	Academic and Research Event	National	webinar	09/04/2022	09/04/2022	IPS Haryana
12	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Komal Sehgal	Road map to implant supported full mouth rehabilitation	seminar	Academic and Research Event	National	webinar	17/05/2022	17/05/2022	IPS Haryana
13	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Lalit Kumar	Palliative oral care for mucormycosis and anterior implant supported restorations	webinar	Academic and Research Event	National	webinar	28/08/2021	28/08/2021	IPS Haryana
14	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Lalit Kumar	Dental Photography and Documentation	seminar	Academic and Research Event	State	pPanjab University Chndigarh	06/12/2021	07/12/2021	Department of Prostodontics in collaboration with UGC- Human Resource Development Centre
15	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Lalit Kumar	Implantology Made Easy	workshop	Short-Term Course	University	Dr. Harvansh Singh Judge Institute of Dental Sciences and Hospital , PU Chandigarh	20/12/2021	21/12/2021	Department of Prosthodontics , DHSJIDS
16	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Lalit Kumar	49th IPS Conference	conference	Academic and Research Event	National	Chennai	01/12/2021	05/12/2021	IPS

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
17	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Lalit Kumar	24th IPS PG Convention	conference	Academic and Research Event	National	Dharwad , Karnataka	04/03/2022	04/03/2022	IPS
18	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Lalit Kumar	Gurukul Deeksha	seminar	Academic and Research Event	State	NDC Derabassi	30/03/2022	30/03/2022	IPS Gurukul
19	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Lalit Kumar	Introduction to research in Prosthodontics	webinar	Academic and Research Event	National	webinar	09/04/2022	09/04/2022	IPS Haryana
20	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Lalit Kumar	Road map to implant supported full mouth rehabilitation	workshop	Training/Orientation	National	webinar	17/05/2022	17/05/2022	IPS Haryana
21	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Shrique Rehan	Palliative oral care for mucormycosis and anterior implant supported restorations	webinar	Academic and Research Event	National	webinar	28/08/2021	28/08/2021	IPS Haryana
22	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Shrique Rehan	Dental Photography and Documentation	seminar	Academic and Research Event	State	pPanjab University Chndigarh	06/12/2021	07/12/2021	Department of Prostodontics in collaboration with UGC- Human Resource Development Centre
23	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Shrique Rehan	Implantology Made Easy	workshop	Short-Term Course	University	Dr. Harvansh Singh Judge Institute of Dental Sciences and Hospital , PU Chandigarh	20/12/2021	21/12/2021	Department of Prosthodontics , DHSJIDS
24	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Shrique Rehan	49th IPS Conference	conference	Academic and Research Event	National	Chennai	01/12/2021	05/12/2021	IPS
25	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Shrique Rehan	Introduction to research in Prosthodontics	webinar	Academic and Research Event	National	webinar	09/04/2022	09/04/2022	IPS Haryana
26	Dr Harvansh Singh Judge Institute of Dental	Dr. Shrique Rehan	Road map to implant supported full mouth rehabilitation	seminar	Academic and Research Event	National	webinar	17/05/2022	17/05/2022	IPS Haryana

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
27	Sciences & Hospital Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Virender Kumar	Palliative oral care for mucormycosis and anterior implant supported restorations	webinar	Academic and Research Event	National	webinar	28/08/2021	28/08/2021	IPS Haryana
28	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Virender Kumar	Dental Photography and Documentation	seminar	Academic and Research Event	State	pPanjab University Chndigarh	06/12/2021	07/12/2021	Department of Prostodontics in collaboration with UGC- Human Resource Development Centre
29	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Virender Kumar	Implantology Made Easy	workshop	Short-Term Course	University	Dr. Harvansh Singh Judge Institute of Dental Sciences and Hospital , PU Chandigarh	20/12/2021	21/12/2021	Department of Prosthodontics , DHSJIDS
30	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Virender Kumar	49th IPS Conference	conference	Academic and Research Event	National	Chennai	01/12/2021	05/12/2021	IPS
31	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Virender Kumar	Introduction to research in Prosthodontics	webinar	Academic and Research Event	National	webinar	09/04/2022	09/04/2022	IPS Haryana
32	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Virender Kumar	Road map to implant supported full mouth rehabilitation	symposium	Others	National	webinar	17/05/2022	17/05/2022	IPS Haryana
33	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Puneet	Palliative oral care for mucormycosis and anterior implant supported restorations	webinar	Academic and Research Event	National	webinar	28/08/2021	28/08/2021	IPS Haryana
34	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Puneet	Dental Photography and Documentation	workshop	Training/Orientation	State	pPanjab University Chndigarh	06/12/2021	07/12/2021	Department of Prostodontics in collaboration with UGC- Human Resource Development Centre
35	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Puneet	Crafting Smile with Innovative approach	symposium	Academic and Research Event	National	Virtual	27/10/2021	28/10/2021	Kalinga Institute of Dental Sciences

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
36	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Puneet	49th IPS Conference	conference	Academic and Research Event	National	Chennai	01/12/2021	05/12/2021	IPS
37	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Puneet	Implantology Made Easy	workshop	Short-Term Course	University	Dr. Harvansh Singh Judge Institute of Dental Sciences and Hospital , PU Chandigarh	20/12/2021	21/12/2021	Department of Prosthodontics , DHSJIDS
38	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Puneet	Introduction to research in Prosthodontics	webinar	Academic and Research Event	National	webinar	09/04/2022	09/04/2022	IPS Haryana
39	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Puneet	Road map to implant supported full mouth rehabilitation	Professional Development Programmes	Training/Orientation	National	webinar	17/05/2022	17/05/2022	IPS Haryana
40	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr . Sunint Singh	Palliative oral care for mucormycosis and anterior implant supported restorations	webinar	Academic and Research Event	National	webinar	28/08/2021	28/08/2021	IPS Haryana
41	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr . Sunint Singh	Dental Photography and Documentation	seminar	Academic and Research Event	State	pPanjab University Chndigarh	06/12/2021	07/12/2021	Department of Prostodontics in collaboration with UGC- Human Resource Development Centre
42	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr . Sunint Singh	49th IPS Conference	conference	Academic and Research Event	National	Chennai	01/12/2021	05/12/2021	IPS
43	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr . Sunint Singh	Implantology Made Easy	workshop	Short-Term Course	University	Dr. Harvansh Singh Judge Institute of Dental Sciences and Hospital , PU Chandigarh	20/12/2021	21/12/2021	Department of Prosthodontics , DHSJIDS
44	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr . Sunint Singh	Introduction to research in Prosthodontics	webinar	Academic and Research Event	National	webinar	09/04/2022	09/04/2022	IPS Haryana
45	Dr Harvansh Singh Judge Institute of Dental	Dr . Sunint Singh	Road map to implant supported full mouth rehabilitation	seminar	Academic and Research Event	National	webinar	17/05/2022	17/05/2022	IPS Haryana

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
46	Sciences & Hospital Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Monika Nagpal	Palliative oral care for mucormycosis and anterior implant supported restorations	webinar	Academic and Research Event	National	webinar	28/08/2021	28/08/2021	IPS Haryana
47	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Monika Nagpal	Dental Photography and Documentation	seminar	Academic and Research Event	State	pPanjab University Chndigarh	06/12/2021	07/12/2021	Department of Prostodontics in collaboration with UGC- Human Resource Development Centre
48	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Monika Nagpal	Implantology Made Easy	workshop	Short-Term Course	University	Dr. Harvansh Singh Judge Institute of Dental Sciences and Hospital , PU Chandigarh	20/12/2021	21/12/2021	Department of Prosthodontics , DHSJIDS
49	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Monika Nagpal	Introduction to research in Prosthodontics	webinar	Academic and Research Event	National	webinar	09/04/2022	09/04/2022	IPS Haryana
50	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Monika Nagpal	Road map to implant supported full mouth rehabilitation	seminar	Academic and Research Event	National	webinar	17/05/2022	17/05/2022	IPS Haryana
51	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Monika Nagpal	Women empowerment through financial literacy	seminar	Academic and Research Event	National	online National Seminar	28/01/2022	28/01/2022	Government College Julana
52	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Rajni Jain	Palliative oral care for mucormycosis and anterior implant supported restorations	webinar	Academic and Research Event	National	webinar	28/08/2021	28/08/2021	IPS Haryana
53	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Rajni Jain	Dental Photography and Documentation	seminar	Academic and Research Event	State	pPanjab University Chndigarh	06/12/2021	07/12/2021	Department of Prostodontics in collaboration with UGC- Human Resource Development Centre
54	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Rajni Jain	Implantology Made Easy	workshop	Short-Term Course	University	Dr. Harvansh Singh Judge Institute of Dental Sciences and Hospital , PU Chandigarh	20/12/2021	21/12/2021	Department of Prosthodontics , DHSJIDS

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
55	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Rajni Jain	Introduction to research in Prosthodontics	webinar	Academic and Research Event	National	webinar	09/04/2022	09/04/2022	IPS Haryana
56	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Rajni Jain	20th ISP PG Convention	conference	Academic and Research Event	National	Panjab University Chandigarh	22/04/2022	24/04/2022	Indian Society of Periodontology
57	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Rajni Jain	Road map to implant supported full mouth rehabilitation	seminar	Academic and Research Event	National	webinar	17/05/2022	17/05/2022	IPS Haryana
58	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Harkirat Sethi	Palliative oral care for mucormycosis and anterior implant supported restorations	webinar	Academic and Research Event	National	webinar	28/08/2021	28/08/2021	IPS Haryana
59	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Harkirat Sethi	Dental Photography and Documentation	seminar	Academic and Research Event	State	Panjab University Chndigarh	06/12/2021	07/12/2021	Department of Prostodontics in collaboration with UGC- Human Resource Development Centre
60	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Harkirat Sethi	Implantology Made Easy	seminar	Academic and Research Event	University	Dr. Harvansh Singh Judge Institute of Dental Sciences and Hospital , PU Chandigarh	20/12/2021	21/12/2021	Department of Prosthodontics , DHSJIDS
61	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Harkirat Sethi	Introduction to research in Prosthodontics	webinar	Academic and Research Event	National	webinar	09/04/2022	09/04/2022	IPS Haryana
62	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Harkirat Sethi	Road map to implant supported full mouth rehabilitation	seminar	Academic and Research Event	National	webinar	17/05/2022	17/05/2022	IPS Haryana
63	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Prabhjot Cheema	CME and 3rd Annual Conference of North Chapter of Anatomists Society	conference	Academic and Research Event	National	PGIMER, Chandigarh	17/09/2021	17/09/2021	Department of Anatomy, PGIMER, Chandigarh
64	Dr Harvansh Singh Judge Institute of Dental	Dr. Anubha Gulati	Undergraduate & Postgraduate Orientation	workshop	Training/Orientation	National	English Auditorium, Panjab University, Chandigarh	06/04/2022	06/04/2022	Department of Oral Pathology, Dr. Harvansh Singh Judge Institute of

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
	Sciences & Hospital		Program on Forensic Odontology							Dental Sciences, Panjab University, Chandigarh
65	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Litesh Singla	INDIAN ORTHODONTIC CONFERENCE	conference	Faculty Development Programme	National	Amritsar	24/09/2021	26/09/2021	IOS
66	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Simranjit Singh	Undergraduate & Postgraduate Orientation Program on Forensic Odontology	workshop	Training/Orientation	National	English Auditorium, Panjab University, Chandigarh	06/04/2022	06/04/2022	Department of Oral Pathology, Dr. Harvansh Singh Judge Institute of Dental Sciences, Panjab University, Chandigarh
67	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Shally Gupta	Undergraduate & Postgraduate Orientation Program on Forensic Odontology	workshop	Training/Orientation	National	English Auditorium, Panjab University, Chandigarh	06/04/2022	06/04/2022	Department of Oral Pathology, Dr. Harvansh Singh Judge Institute of Dental Sciences, Panjab University, Chandigarh
68	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Anubha Gulati	Meaningful and Measurable Research progress – Systematic review	workshop	Academic and Research Event	National	Sri Ramachandra Innovation Incubation Centre	30/01/2022	06/02/2022	Ignobilis Terrain LLP, Sri Ramachandra Innovation Incubation Centre
69	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Anubha Gulati	Contemporary issues in Oral Pathology	webinar	Academic and Research Event	National	Online	29/10/2021	29/10/2021	Dept of Oral Pathology & Microbiology, Maulana Azad Institute of Dental Sciences, New Delhi
70	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Anubha Gulati	Innovative and Design thinking for Re-Searching Minds	webinar	Academic and Research Event	National	Online	28/08/2021	28/08/2021	Dept. of Oral Medicine and Radiology, SRM Dental College, Chennai
71	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Anubha Gulati	Recent advances in diagnosis & management of Oral Cancer in India	webinar	Academic and Research Event	National	Online	24/07/2021	24/07/2021	IDA
72	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Abha Bajaj nee Sheth	CME and 3rd Annual Conference of North Chapter of Anatomists Society	conference	Academic and Research Event	International	PGIMER, Chandigarh	17/09/2021	17/09/2021	Department of Anatomy, PGIMER, Chandigarh
73	Dr Harvansh Singh Judge Institute of Dental	Dr. Abha Bajaj nee Sheth	BMSeCON 2021	conference	Academic and Research Event	International	Puducherry	25/11/2021	27/11/2021	Departments of Anatomy, Biochemistry, Physiology and Center for

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
	Sciences & Hospital									Biomedical Research, AVMCH
74	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Abha Bajaj nee Sheth	Plastination and Casting Technique	conference	Academic and Research Event	National	Chennai	14/12/2021	14/12/2021	Department of Anatomy, Oral pathology, Oral biology, Saveetha Dental College and Hospitals, Saveetha Institute of Medical and Technical Sciences, Chennai-77
75	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Abha Bajaj nee Sheth	Molecular Biology and Forensic Dentistry	webinar	Academic and Research Event	National	Chennai	11/01/2022	11/01/2022	Department of Anatomy, Saveetha Dental College and Hospitals, Saveetha Institute of Medical and Technical Sciences, Chennai-77
76	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Abha Bajaj nee Sheth	Micrometry in Microscopic Image Analysis using ImageJ Software	seminar	Academic and Research Event	National	Pondicherry	12/02/2022	12/02/2022	Department of Anatomy, JIPMER
77	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Abha Bajaj nee Sheth	Understanding Research Fundamentals to Meliorate Research Papers	webinar	Academic and Research Event	International	Chennai	24/02/2022	24/02/2022	Department of Anatomy, Saveetha Dental College and Hospitals, Saveetha Institute of Medical and Technical Sciences, Chennai-77
78	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Abha Bajaj nee Sheth	Design and Use of Animal Models in Bone Tissue Engineering and Bone Regeneration	seminar	Academic and Research Event	National	Department of Anatomy, Saveetha Dental College and Hospitals, Saveetha Institute of Medical and Technical Sciences, Chennai	30/04/2022	30/04/2022	" Biomedical Research Unit and Laboratory Animal Centre (BRULAC)"
79	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Divya Mahajan	CME and 3rd Annual Conference of North Chapter of Anatomists Society	conference	Academic and Research Event	National	PGIMER, Chandigarh	17/09/2021	17/09/2021	Department of Anatomy, PGIMER, Chandigarh
80	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Divya Mahajan	BMSeCON 2021	conference	Academic and Research Event	International	Puducherry	25/11/2021	27/11/2021	Departments of Anatomy, Biochemistry, Physiology and Center for Biomedical Research, AVMCH
81	Dr Harvansh Singh Judge Institute of Dental	Dr. Divya Mahajan	Sharpening Competencies in Medical	Professional Development	Academic and Research Event	University	Panjab University, Chandigarh	24/11/2021	26/11/2021	Human Resource Development



S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
	Sciences & Hospital		Education Pedagogy	Programmes						Centre,PU,Chandigarh
82	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Jyoti Sharma	India biorisk management for diagnostic lab	seminar	Academic and Research Event	International	USA	01/07/2021	26/07/2021	GBRMC
83	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Jyoti Sharma	GISICON-8	conference	Academic and Research Event	National	Chandigarh	31/07/2021	01/08/2021	PGIMER, chd
84	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Jyoti Sharma	Helicobacter pylori	seminar	Academic and Research Event	National	Chandigarh	16/10/2021	16/10/2021	GISI
85	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Jyoti Sharma	AIDSCON - 11	conference	Academic and Research Event	National	Chandigarh	11/03/2022	12/03/2022	AIDS Society
86	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Jyoti Sharma	TBCON	seminar	Academic and Research Event	International	Chandigarh	25/03/2022	25/03/2022	PGIMER, chd
87	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Jyoti Sharma	Antimicrobial Resistance- Genomes, Big Data and Emerging Technologies 2022	seminar	Academic and Research Event	International	Chandigarh	27/04/2022	29/04/2022	Wellcome Trust
88	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Jyoti Sharma	National workshop on Statistical Techniques Computation Using R/R studio	seminar	Academic and Research Event	National	Chandigarh	13/09/2021	21/09/2021	Department of Statistics, Panjab University Chandigarh
89	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Manjula Mehta	GISICON-8	conference	Academic and Research Event	National	Chandigarh	31/07/2021	01/08/2021	PGIMER, chd
90	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Manjula Mehta	Helicobacter pylori	seminar	Academic and Research Event	National	Chandigarh	16/10/2021	16/10/2021	GISI

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
91	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Manjula Mehta	Decoding Antibiofilms	seminar	Academic and Research Event	National	Mumbai	16/02/2022	16/02/2022	BD
92	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Manjula Mehta	AIDSCON - 11	conference	Academic and Research Event	National	Chandigarh	11/03/2022	12/03/2022	AIDS Society
93	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Manjula Mehta	TBCON	seminar	Academic and Research Event	International	Chandigarh	25/03/2022	25/03/2022	PGIMER, chd
94	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Manjula Mehta	AMR : "Best practices in AST Reporting"	seminar	Academic and Research Event	International	Chandigarh	01/12/2021	01/12/2021	ASM
95	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Manjula Mehta	National workshop on Statistical Techniques Computation Using R/R studio	seminar	Academic and Research Event	National	Chandigarh	13/09/2021	21/09/2021	Department of Statistics, Panjab University Chandigarh
96	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Sonia B Bhardwaj	India biorisk management for diagnostic lab	seminar	Academic and Research Event	International	USA	01/07/2021	26/07/2021	GBRMC
97	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Sonia B Bhardwaj	GISICON-8	conference	Academic and Research Event	National	Chandigarh	31/07/2021	01/08/2021	PGIMER, chd
98	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Sonia B Bhardwaj	Diagnosis and Management of Gram Negative MDROs	webinar	Academic and Research Event	National	Online	18/08/2021	18/08/2021	BD
99	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Sonia B Bhardwaj	Mastering the craft of academic writing : a systematic approach	webinar	Academic and Research Event	National	Online	31/08/2021	31/08/2021	Wiley
100	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Sonia B Bhardwaj	Bug Tales	seminar	Academic and Research Event	National	Mumbai	09/10/2021	09/10/2021	Society of Clinical Microbiologists

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
101	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Sonia B Bhardwaj	Helicobacter pylori	seminar	Academic and Research Event	National	Chandigarh	16/10/2021	16/10/2021	GISI
102	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Sonia B Bhardwaj	Decoding Antibiofilms	seminar	Academic and Research Event	National	Mumbai	16/02/2022	16/02/2022	BD
103	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Sonia B Bhardwaj	AIDSCON - 11	conference	Academic and Research Event	National	Chandigarh	11/03/2022	12/03/2022	AIDS Society
104	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Sonia B Bhardwaj	TBCON	seminar	Academic and Research Event	International	Chandigarh	25/03/2022	25/03/2022	PGIMER, chd
105	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Sonia B Bhardwaj	National workshop on Statistical Techniques Computation Using R/R studio	seminar	Academic and Research Event	National	Chandigarh	13/09/2021	21/09/2021	Department of Statistics, Panjab University Chandigarh
106	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Arun K Garg	55th IOC AMRITSAR	conference	Faculty Development Programme	National	AMRITSAR	24/09/2021	26/09/2021	Indian Orthodontic Society
107	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Arun K Garg	56th IOC Amritsar	conference	Academic and Research Event	National	Amritsar	24/09/2021	24/09/2021	Indian Orthodontic Society
108	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Arun K Garg	Medical Emergencies in Dental Practice CDE	seminar	Academic and Research Event	National	Chandigarh	22/11/2021	22/11/2021	Dental Institute, PU, Chandigarh
109	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Arun K Garg	Sharpening Competencies in Medical Education Pedagogy	seminar	Academic and Research Event	National	Chandigarh	24/11/2021	26/11/2021	UGC-HRDC, PU, Chandigarh FDP
110	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Arun K Garg	Dental Photography and Documentation	workshop	Training/Orientation	National	Chandigarh	06/12/2021	07/12/2021	RUSA Sponsored / Dental Inst. PU, Chd

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
111	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Arun K Garg	IOS PG Orientation Programme	conference	Training/Orientation	National	Yamuna Nagar Haryana	12/03/2022	13/03/2022	IOS & COSG
112	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Kitty Sidhu	Magnification & Glide Path Management : A Key to Success in Endodontics	workshop	Academic and Research Event	Other	chandigarh	26/11/2021	26/11/2021	Dr. Harvansh Singh Judge Institute of Dental Sciences And Hospital Panjab University
113	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Kitty Sidhu	Dental Photography & Documentation	workshop	Academic and Research Event	Other	Chandigarh	06/12/2021	07/12/2021	UGC-Human Resource Development Centre Panjab University
114	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Kitty Sidhu	Medical Emergencies in Dental Practices	other	Training/Orientation	Other	Chandigarh	22/11/2021	22/11/2021	English Auditorium, Panjab University
115	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Ruchi Singla	Dentistry through challenging times	conference	Academic and Research Event	International	Online	27/10/2021	31/10/2021	World Dentist Association
116	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Ruchi Singla	ESTHETICS Summit 2021	conference	Academic and Research Event	National	Online	27/08/2021	29/08/2021	iaacd
117	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Ruchi Singla	PROBLEM Solving In Endodontics	other	Academic and Research Event	Other	Baddi	13/09/2021	13/09/2021	BHOJIA DENTAL COLLEGE
118	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Ruchi Singla	Digital Photography & Documentation	workshop	Academic and Research Event	Other	Chandigarh	06/12/2021	07/12/2021	PU , Chandigarh
119	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Ruchi Singla	Magnification And Glide Path Management : A Key To Success In Endodontics	workshop	Academic and Research Event	State	Chandigarh	26/11/2021	26/11/2021	HSJIDS, CHD
120	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Swaty Jhamb	Problem Solving Endodontics	other	Academic and Research Event	Other	Baddi	13/09/2021	13/09/2021	Baddi Dental College

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
121	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Swaty Jhamb	Dental Photography and Documentati on	workshop	Academic and Research Event	University	Chandigarh	06/12/2021	07/12/2021	PU, Chandigarh
122	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Swaty Jhamb	Magnificatio n and Glide Path Management	workshop	Academic and Research Event	State	Chandigarh	26/11/2021	26/11/2021	HSJIDS, Chandigarh
123	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Amrita Rawla	Problem Solving in Endodontics	workshop	Academic and Research Event	Other	Baddi	13/09/2021	13/09/2021	Baddi Dental College
124	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Amrita Rawla	Magnificatio n And Glide Path Management : A Key To Success In Endodontic	workshop	Academic and Research Event	State	Chandigarh	26/11/2021	26/11/2021	HSJIDS, Chandigarh
125	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Amrita Rawla	Dental Photography and Documentati on	workshop	Academic and Research Event	University	Chandigarh	06/12/2021	07/12/2021	PU, Chandigarh
126	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Neeraj Sharma	Oral Potentially Malignant Disorders	other	Training/Orientat ion	Other	Chandigarh	27/11/2021	27/11/2021	IDA
127	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Neeraj Sharma	Induction Program in Tobacco Cessation	other	Others	Other	Chandigarh	25/06/2022	25/06/2022	Strategic Institute for Public Health and Research and E-RCTC
128	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Neeraj Sharma	Sharpening Competencie s in Medical Education Pedagogy	other	Faculty Development Programme	Other	Chandigarh	24/11/2021	26/11/2021	PU, Chandigarh
129	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Neeraj Sharma	IDA Punjab State Students Conference	conference	Others	Other	Chandigarh	03/12/2021	03/12/2021	IDA
130	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Neeraj Sharma	Dental Photography and Documentati on	workshop	Others	Other	Chandigarh	06/12/2021	07/12/2021	HSJIDS, Chandigarh

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
131	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Amandeep Singh Uppal	Dental Photography & Documentati on	workshop	Academic and Research Event	University	CHANDIGARH	06/12/2021	07/12/2021	UGC-HRD, PU, CHD
132	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Amandeep Singh Uppal	Magnificatio n And Glide Path Management : A Key To Success In Endodontic	workshop	Academic and Research Event	State	CHANDIGARH	26/11/2021	26/11/2021	HSJIDS, PU, CHD
133	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Amandeep Singh Uppal	Problem Shooting In Endodontics	other	Academic and Research Event	State	BADDI	02/08/2021	02/08/2021	BHOJIA DENTAL COLLEGE
134	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Amandeep Singh Uppal	Esthetic Summit 2021	conference	Academic and Research Event	National	ONLINE	27/08/2021	29/08/2021	IAACD
135	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Amandeep Singh Uppal	World Dental ConfereNCE 2021	Conference	Academic and Research Event	Internation al	ONLINE	27/10/2021	31/10/2021	WDC
136	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Suruchi Aditya	AIDSCON 11	conference	Academic and Research Event	National	Chandigarh	11/03/2022	12/03/2022	AIDS control society
137	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Ruchika Nandha	AIDSCON 11	conference	Academic and Research Event	National	Chandigarh	11/03/2022	12/03/2022	AIDS control society
138	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Kavita Sekhri	AIDSCON 11	conference	Academic and Research Event	National	Chandigarh	11/03/2022	12/03/2022	AIDS control society
139	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Kavita Sekhri	TBCON	conference	Academic and Research Event	Other	Chandigarh	26/03/2022	26/03/2022	Deptt.of Microbiology,PGI, Chd
140	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Ruchika Nandha	TBCON	conference	Academic and Research Event	Other	Chandigarh	26/03/2022	26/03/2022	Deptt.of Microbiology,PGI, Chd

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
141	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Suruchi Aditya	TBCON	conference	Academic and Research Event	Other	Chandigarh	26/03/2022	26/03/2022	Deptt. Of Microbiology,PGI, Chd
142	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Rosy Arora	42nd National ISPPD (Virtual) Conference	conference	Academic and Research Event	National	Chandigarh	25/11/2021	27/11/2021	ISPPD
143	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Ajinderpal Sandhu	Fundamentals in Craniofacial surgery	seminar	Training/Orientation	International	Chandigarh	22/04/2022	23/04/2022	AO CMF
144	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Neha Bansal	IDA Punjab State Students Conference	conference	Academic and Research Event	State	Chandigarh	03/12/2021	03/12/2021	IDA
145	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Neha Bansal	5th national conference (virtual) on Tobacco or Health	conference	Academic and Research Event	National	Chandigarh	25/09/2022	27/09/2022	PGIMER, Chandigarh
146	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Swaty Jhamb	Statistical Techniques Computation Using R/R-Studio	conference	Academic and Research Event	National	Online	13/09/2021	21/09/2021	PU, CHD
147	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Amandeep Kaur	Magnification And Glide Path Management : A Key To Success In Endodontics	workshop	Academic and Research Event	State	CHANDIGARH	26/11/2021	26/11/2021	HSJIDS, CHD
148	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Amandeep Kaur	Problem Solving In Endodontics	other	Academic and Research Event	Other	BADDI	13/09/2021	13/09/2021	Bhojia Dental College, Baddi
149	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Amandeep Kaur	Dental Photography & Documentation	workshop	Academic and Research Event	University	CHANDIGARH	06/12/2021	07/12/2021	PU, CHD
150	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Poonam Sood	Clinical tips and tricks	Professional Development Programmes	Refresher Course	State	chandigarh	12/09/2021	12/09/2021	IDA Mohali

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
151	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Poonam Sood	Tobacco and Health	conference	Academic and Research Event	National	chandigarh	25/09/2021	27/09/2021	Resource centre for tobacco control and PGIMER
152	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Poonam Sood	Student-Centered Active	conference	Training/Orientation	National	Online	18/11/2021	18/11/2021	Indian Association of Public Health Dentistry
153	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Poonam Sood	Medical Emergencies in Dental Practice	Professional Development Programmes	Refresher Course	State	Chandigarh	22/11/2021	22/11/2021	Dr HSJudge Institute of Dental Sciences and Hospital, PU
154	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Poonam Sood	60th Punjab State Dental Conference	conference	Academic and Research Event	State	Chandigarh	04/12/2021	05/12/2021	IDA, Punjab
155	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Poonam Sood	Dental Photography and Documentation	Professional Development Programmes	Training/Orientation	State	Chandigarh	06/12/2021	07/12/2021	Dr HSJudge Institute of Dental Sciences and Hospital, PU
156	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Prabhjot Kaur	Magnification And Glide Path Management : A Key To Success In Endodontics	workshop	Training/Orientation	State	Chandigarh	26/11/2021	08/12/2021	HSJIDS
157	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Prabhjot Kaur Walia	Problem Solving in Endodontics	workshop	Academic and Research Event	State	Baddi	13/09/2021	13/09/2021	IDA and Indian endodontics society
158	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Prabhjot Kaur Walia	Dental Photography and Documentation	workshop	Training/Orientation	State	Panjab University Chndigarh	06/12/2021	07/12/2021	Department of Prostodontics in collaboration with UGC- Human Resource Development Centre
159	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Satya Narayan	Sharpening Competencies in Medical Education Pedagogy	Professional Development Programmes	Faculty Development Programme	National	Chandigarh	24/11/2021	26/11/2021	UGC-HRDC
160	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Satya Narain	Medical Emergencies in Dental Practice	workshop	Training/Orientation	State	Chandigarh	22/11/2021	22/11/2021	Dr. Harvansh Singh Judge Institute of Dental Sciences



S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
161	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Satya Narain	Fundamentals in Craniofacial Surgery	seminar	Academic and Research Event	National	Chandigarh	22/04/2022	23/04/2022	AOCMF
162	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Vandana Gupta	Medical Emergencies in Dental Practice	seminar	Academic and Research Event	State	Chandigarh	22/01/2022	22/01/2022	Dental Institute, PU, Chandigarh
163	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Vandana Gupta	Sharpening Competencies in Medical Education Pedagogy	seminar	Academic and Research Event	National	Chandigarh	24/11/2021	26/11/2021	UGC-HRDC, PU, Chandigarh
164	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Vandana Gupta	Dental Photography and Documentation	seminar	Others	National	Chandigarh	06/12/2021	07/12/2021	RUSA Sponsored / Dental Inst. PU, Chd
165	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Urvashi Sharma	5th NOCTH	conference	Academic and Research Event	National	Virtual	25/09/2021	27/09/2021	Department of Community Medicine and School of Public Health, PGIMER, Chandigarh
166	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Urvashi Sharma	Pedodontics National Conference	conference	Academic and Research Event	National	Virtual	13/10/2021	17/10/2021	Centre of Dental Education and Research, AIIMS, New Delhi
167	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Urvashi Sharma	Ped'o'Disha-21 Curriculum meets Culture	conference	Academic and Research Event	National	Virtual	25/11/2021	27/11/2021	Dental College, Bhubaneswar
168	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Urvashi Sharma	Dental Photography & Documentation	seminar	Academic and Research Event	State	Panjab University	06/12/2021	06/12/2021	Dr HSIJDS & UGC-HRDC
169	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Urvashi Sharma	Molar Incisor Hypomineralization (MIH)	symposium	Academic and Research Event	International	Virtual	10/12/2021	10/12/2021	Sree Balaji Dental College and Hospital, Chennai
170	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Archana Agnihotri	isd traumatology	conference	Academic and Research Event	National	Virtual	13/10/2021	17/10/2021	Centre of Dental Education and Research, AIIMS, New Delhi

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
171	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Archna Agnihotri	Ped'o'Disha-21 Curriculum meets Culture	conference	Academic and Research Event	National	Virtual	25/11/2021	27/11/2021	Dental College, Bhubaneshwar
172	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Urvashi Sharma	PedTalks 2.0 Paediatric Regenerative Endodontics	seminar	Academic and Research Event	National	Virtual	23/12/2021	23/12/2021	Meenakshi Ammal Dental College and Hospital, Chennai
173	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Archna Agnihotri	Parents: A Ironic Game Changer In Pedodontic Treatment Traingle	seminar	Academic and Research Event	National	A B shetty dental college	17/02/2022	17/02/2022	A B Shetty Dental College
174	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Archna Agnihotri	2ND World Dental Sciences And60 Th Punjab State Dental Conference	conference	Academic and Research Event	State	Chandigarh	22/12/2021	26/12/2021	PUNJAB DENTAL COUNCIL
175	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Archna Agnihotri	Partially Bondede Restorations	webinar	Academic and Research Event	International	Virtual	09/12/2021	09/12/2021	3M
176	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Urvashi Sharma	Training the Teachers	Professional Development Programmes	Faculty Development Programme	National	Virtual	09/10/2021	10/10/2021	ISPPD and GNIDSR, Kolkata
177	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Archna Agnihotri	Training the Teachers	Professional Development Programmes	Faculty Development Programme	National	Virtual	09/10/2021	10/10/2021	ISPPD and GNIDSR, Kolkata
178	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Sidhi Passi	Training the Teachers	Professional Development Programmes	Faculty Development Programme	National	Virtual	09/10/2021	10/10/2021	ISPPD and GNIDSR, Kolkata
179	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Rose Kanwaljeet Kaur	ISP Colloquium, 2022	symposium	Academic and Research Event	National	Panjab University, Chandigarh	19/02/2022	19/02/2022	ISP
180	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Rose Kanwaljeet Kaur	20th ISP PG Convention, 2022	conference	Academic and Research Event	National	Panjab University, Chandigarh	22/04/2022	24/04/2022	ISP

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
181	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Archna Agnihotri	Smoking And COVID 19	webinar	Academic and Research Event	National	VIRTUAL	24/09/2021	24/09/2021	Maulana Azad Institute of Dental Sciences
182	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Archna Agnihotri	1ST Annual Conference On Early Childhood Caries	conference	Academic and Research Event	National	Virtual	30/08/2021	30/08/2021	Sri Ramachandra Institute Of Higher Education
183	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Archna Agnihotri	Molar Incisor Hypomineralization (MIH)	symposium	Academic and Research Event	International	Virtual	10/12/2021	10/12/2021	Sree Balaji Dental College and Hospital, Chennai
184	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Sidhi Passi	National workshop on statistical analysis	seminar	Academic and Research Event	National	Virtual	13/09/2021	21/09/2021	Panjab university
185	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Sidhi Passi	5th NOCTH	conference	Academic and Research Event	National	Virtual	25/09/2021	27/09/2021	Department of Community Medicine and School of Public Health, PGIMER, Chandigarh
186	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Sidhi Passi	ISDT21	conference	Academic and Research Event	National	Virtual	13/10/2021	17/10/2021	Centre of Dental Education and Research, AIIMS, New Delhi
187	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Sidhi Passi	Ped'o'Disha-21 Curriculum meets Culture	conference	Academic and Research Event	National	Virtual	25/11/2021	25/11/2021	Dental College, Bhubaneshwar
188	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Sidhi Passi	Parents: A Ironic Game Changer In Pedodontic Treatment Traingle	seminar	Academic and Research Event	National	Virtual	17/02/2022	17/02/2022	A B Shetty Dental College
189	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Sidhi Passi	Dental Photography & Documentation	seminar	Academic and Research Event	State	Panjab University	06/12/2021	07/12/2021	Dr HSIJDS & UGC-HRDC
190	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Sidhi Passi	Molar Incisor Hypomineralization (MIH)	symposium	Academic and Research Event	International	Virtual	10/12/2021	10/12/2021	Sree Balaji Dental College and Hospital, Chennai

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
191	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Sidhi Passi	Virtual pedo Rare- 3.0	conference	Academic and Research Event	National	Virtual	16/05/2022	19/05/2022	KSR Institute of Dental Sciences & Research, Tamil Nadu
192	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Namrata C Gill	Smoking And COVID 19	webinar	Academic and Research Event	National	VIRTUAL	24/09/2021	24/09/2021	Maulana Azad Institute Of Dental Sciences
193	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Namrata C Gill	5th NOCTH	conference	Academic and Research Event	National	Virtual	25/09/2021	27/09/2021	Department of Community Medicine and School of Public Health, PGIMER, Chandigarh
194	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Namrata C Gill	ISDT21	conference	Academic and Research Event	National	Virtual	13/10/2021	17/10/2021	Centre of Dental Education and Research, AIIMS, New Delhi
195	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Namrata C Gill	Ped'o'Disha-21 Curriculum meets Culture	conference	Academic and Research Event	National	Virtual	25/11/2021	27/11/2021	Dental College, Bhubaneswar
196	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Namrata C Gill	Parents: A Ironic Game Changer In Pedodontic Treatment Traingle	seminar	Academic and Research Event	National	Virtual	17/02/2022	17/02/2022	A B Shetty Dental College
197	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Namrata C Gill	Dental Photography & Documentati on	seminar	Academic and Research Event	State	Panjab University	06/12/2021	07/12/2021	Dr HSJIDS & UGC-HRDC
198	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Namrata C Gill	Molar Incisor Hypomineral ization (MIH)	symposium	Academic and Research Event	Internation al	Virtual	10/12/2021	10/12/2021	Sree Balaji Dental College and Hospital, Chennai
199	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Leena Verma	5th NOCTH	conference	Academic and Research Event	National	Virtual	25/09/2021	27/09/2021	Department of Community Medicine and School of Public Health, PGIMER, Chandigarh
200	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr. Leena Verma	ISDT21	conference	Academic and Research Event	National	Virtual	13/10/2021	17/10/2021	Centre of Dental Education and Research, AIIMS, New Delhi

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
201	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr.Leena Verma	Ped'o'Disha-21 Curriculum meets Culture	conference	Academic and Research Event	National	Virtual	25/11/2021	27/11/2021	Dental College, Bhubaneswar
202	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr.Leena Verma	Parents: a Ironic Game Changer In Pedodontic Treatment Traingle	seminar	Academic and Research Event	National	Virtual	17/02/2022	17/02/2022	A B Shetty Dental College
203	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr.Leena Verma	Dental Photography & Documentati on	seminar	Academic and Research Event	State	Panjab University	06/12/2021	07/12/2021	Dr HSJIDS & UGC-HRDC
204	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr.Leena Verma	Molar Incisor Hypomineral ization (MIH)	symposium	Academic and Research Event	International	Virtual	10/12/2021	10/12/2021	Sree Balaji Dental College and Hospital, Chennai
205	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Archna Agnihotri	2nd World Dental Sciences And Oral Health Conference	conference	Academic and Research Event	National	Seema Dental College And Hospital Rishikesh	22/12/2021	26/12/2021	Seema Dental College And Hospital Rishikesh
206	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Manjot Kaur	Medical Emergencies In Dental Practice	workshop	Academic and Research Event	State	CHANDIGARH	22/11/2021	22/11/2021	Dr Harvansh Singh Judge Institute Of Dental Science And Hospital
207	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Manjot Kaur	Magnificatio n And Glide Path Management : A Key To Success In Endodontics	workshop	Academic and Research Event	State	CHANDIGARH	26/11/2021	26/11/2021	Dr Harvansh Singh Judge Institute Of Dental Science And Hospital
208	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Manjot Kaur	Dental Phptography And Documentati on	workshop	Academic and Research Event	State	CHANDIGARH	06/12/2021	07/12/2021	Dr Harvansh Singh Judge Institute Of Dental Science And Hospital
209	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Archna Agnihotri	5th national conference on tobacco	conference	Academic and Research Event	National	Chandigarh	25/09/2021	27/09/2021	Department of Community Medicine & School of Public Health, PGIMER, Chandigarh
210	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Jyoti Gupta	For Chairing a Scientific Session at the 20th ISP PG Convention held at	conference	Academic and Research Event	National	Kolkata	22/04/2022	24/04/2022	ISP

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
			Chandigarh from 22nd-24th April 2022							
211	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Manjot Kaur	Introduction to research in Prosthodontics	webinar	Academic and Research Event	National	chandigarh	09/04/2022	09/04/2022	IPS Haryana
212	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Manjot Kaur	Road map to implant supported full mouth rehabilitation	workshop	Training/Orientation	National	Chandigarh	18/05/2022	18/05/2022	IPS Haryana
213	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Manjot Kaur	Problem Solving in Endodontics	seminar	Academic and Research Event	State	Baddi	13/09/2021	13/09/2021	IDA and Indian endodontics society
214	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Manjot Kaur	The art of Presenting Journal Clubs	webinar	Academic and Research Event	National	Chandigarh	12/03/2022	12/03/2022	IPS Haryana
215	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Ashish Jain	Oral Health And Diabetes	webinar	Academic and Research Event	University	ONLINE	11/07/2021	11/07/2021	COLGATE
215	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Jagat Bhushan	Medical Emergencies in Dental Practice	other	Academic and Research Event	State	Chandigarh	22/11/2021	22/11/2021	Dr Harvansh Singh Judge Institute of Dental Sciences PU Chandigarh
217	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Hemant Batra	Medical Emergencies in dental practice	workshop	Academic and Research Event	State	Chandigarh	22/11/2021	22/11/2021	Dr. Harvansh Singh Judge Institute of Dental sciences and Hospital
218	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Poonam Sood	redefining dental public health competencies in India	conference	Academic and Research Event	National	online	19/11/2021	21/11/2021	iaphd
219	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dr Poonam Sood	Sample size calculation with G Power software	Professional Development Programmes	Training/Orientation	Other	online	27/01/2022	29/01/2022	statistical solutions
220	Dr Harvansh Singh Judge Institute of Dental	Jagat Bhushan	Academic Leadership for Academic	Professional Development	Faculty Development Programme	National	Chandigarh	10/02/2022	10/02/2022	HRDC

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
221	Sciences & Hospital Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Hemant Batra	Academic Leadership for Academic Administrati on	Professional Development Programme	Faculty Development Programme	National	Chandigarh	10/02/2022	10/02/2022	HRDC

#### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
NIL					

#### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
NIL		

#### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
NIL							

#### 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
NIL									

#### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	44	0	44
Class rooms	26	0	26
Class rooms with Wifi/LAN facility	26	0	26
Class rooms with ICT facility (LCD/Projector)	4	0	4
No. of Research Labs	4	0	4
No. of Computer labs	0	0	0
Video Centre	0	0	0
Seminar Halls with ICT facility	6	0	6
Seminar Halls	6	0	6
No. of important equipments purchased (>= 10 lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0

#### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

#### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
Teachers day	09/09/2021	09/09/2021
Diwali celebration	02/10/2021	02/10/2021
Vigyan Sarvatre Pujyate as part of Azadi Mahutsav	22/02/2022	28/02/2022
Endo/Cons Day	05/03/2022	05/03/2022
Dentists day	05/03/2022	05/03/2022
womens day	08/03/2022	08/03/2022
Holi celebration	16/03/2022	17/03/2022
National Vaccination day	16/03/2022	16/03/2022
Oral health day	24/03/2022	24/03/2022
Worlda Health day	04/04/2022	04/04/2022
World No tobacco day	31/05/2022	31/05/2022
Pride month	25/06/2022	25/06/2022

#### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

#### 7. Number of Patents Published/Awarded

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

#### 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
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No Data Entered !

## UNIVERSITY INSTITUTE OF PHARMACEUTICAL SCIENCES

### SUMMARY OF PUBLICATIONS

The University Institute of Pharmaceutical Sciences (UIPS) was established in Lahore in 1944 and got re-located on the campus of Panjab University, Chandigarh in 1959. The Institute is one of the most prestigious academic organizations committed and catering to excellence in all the domains of pharmaceutical sciences. More than 3800 research papers, 260 Ph.Ds, 71 books, 56 patents granted, 37 published & filed, numerous national and international awards, and meritorious recognitions to the faculty are some of the notable accomplishments of the Institute. A few of the remarkable discoveries of new medicines have seen the reality of industrial commercialization after their successful technology transfers. Three of the faculty members have been elected as National Presidents of the prestigious Indian Pharmaceutical Congress too. The alumni occupy the highest echelons in industry, research organizations and academia in India and abroad. In recognition to its contributions in research and teaching, the University Grants Commission (UGC) has accorded the highest level of status to the Institute as Centre of Advanced Study (CAS-II) in Pharmaceutical Sciences, the first university Institution in the country to be granted with this status. Since 2009, the UIPS has been the sole institute of the country to serve as UGC Networking Resource Centre (NRC) to impart training to the pharmacy professionals in frontier and thrust domains of Pharmaceutical



séances. NRC was extended to Phase II for a period of five years from 2017 to 2022. By virtue of its remarkable attainments, UIPS has been constitutively ranked second among the Pharmacy Institutes of the country in NIRF ranking. Institute celebrated its Platinum Jubilee on completion of 75 years in 2019.

## PUBLICATIONS

### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Chopra K, Pawar SV, Maurya M, Gupta T, Dhaliwal J. (2022)	3D Bioprinting of tissues and Organs: A new paradigm in regenerative medicine and biomedical engineering.; Biomedical Translation Research; Springer	978-981-16-4344-3	International
Kumar A, Chopra K, Kuhad A, Sah SP, Pawar SV. (2021)	Animal Models for Neurological Disorders; -; Bentham Science Publishers.	ISBN: 978-981-5039-69-6 (Print) ISBN: 978-981-5039-68-9 (Online)	International
Sakshi Juneja, Alka Bali and Nishu Bali (2022)	Artificial Intelligence aiding medical diagnosis focusing diabetic retinopathy: AI aided computer-based detection of diabetic retinopathy; Rajae El Ouazzani (Ed) AI Applications for Disease Diagnosis and Treatment. 66-87 (2022).; IGI Global, Hershey, PA	ISBN13: 9781668423042; ISBN10: 1668423049; EISBN13: 9781668423066.	International
Karan Vasisht, Maninder Karan, Neetika Sharma, Indu Pal Kaur, Vikas Gautam, Simarjot Kaur (2022)	'Process for preparing nanoformulation for delivery of berbamine; World Intellectual Property Organisation; WIPO/PCT	-	International
Sumit Sharma, Sonali Batra, and V. R. Sinha (2022)	"Nanoemulsions: A Potential Advanced Nanocarrier Platform for Herbal Drug Delivery" pp 351-368.; Biomedical Translational Research; Springer	ISBN 978-981-16-9231-4 ISBN 978-981-16-9232-1 (eBook)	International
Maninder Karan, Karan Vasisht, Neetika Sharma, Indu Pal Kaur, Vikas Gautam, Simarjot Kaur, Jasmine (2022)	Berberis extract nanoformulation and process of preparation thereof; World Intellectual Property Organisation; WIPO/PCT	-	International
Sumit Kumar, Alka Bali, Nishu Bali (2022)	Bio-Inspired Algorithms: Devices for Diagnosis and Treatment of Parkinson's Disease; Shweta Gupta (Ed.) Bio-Inspired Algorithms and Devices for Treatment of Cognitive Diseases Using Future Technologies: 1-22 (2022).; IGI Global, Hershey, PA	ISBN13: 9781799895343 ISBN10: 1799895343 EISBN13: 9781799895367	International
Khushboo Pathania, Sangeeta Sharma, Sandip V. Pawar and Sangeeta	Brain Tumor: An Insight into In-vitro and In-vivo Experimental Models. Animal Models for Neurological Disorders; Animal Models for Neurological Disorders; Bentham Science Publisher	ISBN:978-981-5039-696(Print) ISBN: 978-981-5039-68-9 (Online)	International

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISBN Number</b>	<b>State/ National/ International</b>
Pilkhwal Sah (2021)			
Ranjit Singh, Anjleena Malhotra and Ranju Bansal (2022)	Chapter 15. Synthetic Cytotoxic Drugs as Cancer Chemotherapeutic Agents; In Medicinal Chemistry of Chemotherapeutic Agents; Elsevier	-	International
Anjleena Malhotra, Ranjit Singh, Pratap Chandra Acharya and Ranju Bansal (2022)	Chapter 17. Hormones And Antihormones in Cancer Chemotherapy; In Medicinal Chemistry of Chemotherapeutic Agents; Elsevier	-	International
Perna Sarup, Sonia Pahuja, and Jai Malik (2021)	Chemistry, Biological Activities, and Uses of Oleo-Gum Resin of Commiphora wightii; Gums, Resins and Latexes of Plant Origin; Springer Nature	2511-834X	International
Jai Malik and Subhash Mandal (2021)	Extraction of Herbal Biomolecules; Herbal Biomolecules in Healthcare Applications; Academic Press-Elsevier	978-0323-85852-6	International
J Malik, S Choudhary (2021)	Indian Traditional Herbs and Alzheimer's Disease: Integrating Ethnobotany and Phytotherapy; Evidence Based Validation of Traditional Medicines-A Comprehensive Approach; Springer Nature	978-981-15-8126-7	International
Ansab Akhtar, Sangeeta Pilkhwal Sah (2021)	Intracerebroventricular-Streptozotocin Induced Insulin Resistant In Vivo Model of Sporadic Alzheimer's Disease: Pathophysiological Aspects and Potential Therapeutic Targets; Animal Models for Neurological Disorders; Bentham Science Publisher	ISBN:978-981-5039-696(Print) ISBN: 978-981-5039-68-9 (Online)	International
Indu Pal Kaur, Joga Singh, Sumit Goel, Srishti Jain, Aagamjit Singh, Chitvan Pandit, Prasanna Alluri (2022)	Nanotechnology based docetaxel: upcoming avenue for breast cancer management; Unraveling the Complexities of Metastasis Transition from a Segmented View to a Conceptual Continuum; Academic Press	-	International
Jai Malik (2021)	Pharmacognosy and Phytochemistry-II; Pharmacognosy and Phytochemistry-II; Paging Publications	978-81-947046-0-7	National
Bhupinder Singh, Teenu Sharma, Ranjot Kaur, Sumant Saini, Ripandeep Kaur, Sarwar Beg (2022)	QbD-Steered Systematic Development of Drug Delivery Nanoconstructs: Vital Precepts, Retrospect and Prospects; Biomedical Translational Research; Springer Nature	ISBN 978-981-16-9231-4; Online ISBN 978-981-16-9232-1	International
Badyal P, Kaur J, Kuhad A. (2021)	Role of 5-HT in Cerebral Edema after Traumatic Brain Injury; Serotonin and the CNS - New Developments in Pharmacology and Therapeutics, InTech Open, UK; InTech Open, UK	10.5772/intechopen.96460	International

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Alka Bali, Nishu Bali (2022)	Role of artificial intelligence in fast-track drug discovery and vaccine development for COVID-19; Victor Chang, Mohamed Abdel-Basset, Muthu Ramachandran, Nicolas Green, Gary Wills (Eds.) Novel AI and Data Science Advancements for Sustainability in the Era of COVID-19, 1st Edition, 201-229 (2022); Elsevier Inc, Academic Press, USA	Paperback ISBN: 9780323900546; eBook ISBN: 9780323903783.	International

## DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Akshita Jindal, Mansi Prashar, Janhvi Dureja, Neelima Dhingra, Kunal Chadha, Maninder Karan, and (2022)	"Pharmaceutical cocrystals of famotidine: Structural and biopharmaceutical evaluation.; Journal of Pharmaceutical Sciences	1520-6017	Yes	Elsevier
Madhu Bala, Poonam Piplani,, Amardeep Ankalgi, Ankit Jain, Lalit Chandel (2022)	1,3,4-Thiadiazole: A Versatile Pharmacophore of Medicinal Significance; Medicinal Chemistry	1573-4064	Yes	Bentham Science
Ranjit Singh and Ranju Bansal. (2021)	16-Substituted steroids alleviate LPS-induced neurodegenerative disorders in rats,; European Journal of Pharmacology	0014-2999	Yes	Elsevier
Amrita Kaur A, Kaur IP, Chopra K, Rishi P (2022)	3Bi-directional elucidation of Lactiplantibacillus plantarum (RTA 8) intervention on the pathophysiology of gut-brain axis during Salmonella brain infection; Gut Pathog	-	Yes	BioMed Central Ltd
Ansab Akhtar , Jatinder Dhaliwal , Sangeeta Pilkwal (2021)	7,8-Dihydroxyflavone improves cognitive functions in ICV-STZ rat model of sporadic Alzheimer's disease by reversing oxidative stress, mitochondrial dysfunction, and insulin resistance; Psychopharmacology (Berl)	0033-3158	Yes	Springer
Ranju Bansal, Amruta Suryan (2022)	A Comprehensive Review on Steroidal Bioconjugates as Promising Leads in Drug Discovery; ACS Bio & Med Chem Au	2694-2437	Yes	ACS Publisher
Kaur R, Katare OP, Singh G, Mohan V, Saini S, Singh B. A (2021)	A derivatization-based densitometric method for simultaneous estimation of artemether and lumefantrine: Method development, validation and applications; Microchemical Journal	0026265X	Yes	ELSEVIER
Kaur, R., Katare, O.P., Singh, G., Mohan, V., Saini, S. and Singh, B., (2021)	A derivatization-based densitometric method for simultaneous estimation of artemether and lumefantrine: Method development, validation and applications.; Microchemical Journal,	0026-265X	Yes	Elsevier B.V.

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISSN Number</b>	<b>Peer Reviewed (Y/N)</b>	<b>Publisher</b>
Nikita Khanna, Sandip V. Pawar and Anil Kumar (2021)	A Review on Repurposed Drugs and Vaccine Trials for Combating SARS CoV-2; Current Drug Research Reviews	2589-9783	Yes	Bentham Science
Nikita Khanna, Anil Kumar and Sandip V. Pawar (2021)	A Review on Rheumatoid Arthritis Interventions and Current Developments; Current Drug Targets	1873-5592	Yes	Bentham science
Maitry Bhardwaj, Mei Nee Chiu & Sangeeta Pilkhwal Sah (2022)	Adverse cutaneous toxicities by PD-1/PD-L1 immune checkpoint inhibitors: pathogenesis, treatment, and surveillance; Cutaneous and Ocular Toxicology	1556-9527 (print); 1556-9535 (web)	Yes	Taylor & Francis, Informa
Kaur R, Dennison SR, Rudramurthy SM, Katare OP, Sharma T, Singh B, Singh KK. (2022)	Aerosolizable Lipid-Nanovesicles Encapsulating Voriconazole Effectively Permeate Pulmonary Barriers and Target Lung Cells; Frontiers in Pharmacology	1663-9812	Yes	Frontiers Media S.A.
Kaur, R., Dennison, S.R., Rudramurthy, S.M., Katare, O.P., Sharma, T., Singh, B. and Singh, K., (2022)	Aerosolizable Lipid-Nanovesicles Encapsulating Voriconazole Effectively Permeate Pulmonary Barriers and Target Lung Cells.; Frontiers in Pharmacology	1663-9812	Yes	Frontiers Media S.A.
Khare P, Mahajan N, Dharendra Pratap Singh DP, Kumar V, Kumar V, Mangal P, Boparai RK, Gesing A , (2021)	Allucin, a dietary trpa1 agonist, prevents high fat diet-induced dysregulation of gut hormones and associated complications,; Food Funct	20426496	Yes	RSC
AvneetKour, Taru Dube, Ashwani Kumara nd Jiban Jyoti Panda (2022)	Anti-Amyloidogenic and Fibril-Disaggregating Potency of the Levodopa-Functionalized Gold Nanoroses as Exemplified in a Diphenylalanine-Based Amyloid Model; Bioconjugate Chemistry	1043-1802	Yes	ACS Publications
Wadhawan A, Singh J, Sharma H, Handa S, Singh G, Kumar R, Barnwal RP, Pal Kaur I, Chatterjee M (2022)	Anticancer Biosurfactant-Loaded PLA–PEG Nanoparticles Induce Apoptosis in Human MDA-MB-231 Breast Cancer Cells.; ACS Omega	2470-1343	Yes	American Chemical Society
Wadhawan, A., Singh, J., Sharma, H., Handa, S., Singh, G., Kumar, R. Barnwal, R.P., Kaur, I.P., Cha (2022)	Anticancer biosurfactant-loaded PLA–PEG nanoparticles induce apoptosis in human MDA-MB-231 breast cancer cells; ACS Omega	2470-1343	No	ACS Publication
Joshi A, Akhtar A, Saroj P, Kuhad A, Sah SP (2022)	Antidepressant-like effect of sodium orthovanadate in a mouse model of chronic unpredictable mild stress; European Journal of Pharmacology	ISSN 0014-2999	Yes	Elsevier
PriyaBadyal,HarnoorKaur,NeelimaDhingra, RanjanaBhandari,AnuragKuhad (2022)	Aprepitant as Plausible Inhibitor of MAPK/ERK2 Pathway to ameliorate Neurological Deficits post Traumatic Brain Injury; Medical Hypotheses	0306-9877	Yes	ELSEVIER
Kaur M, Sharma A, Singh G, Kumar S, Barnwal RP (2021)	Architectural and functional details of CF IA proteins involved in yeast 3'-end pre-mRNA processing and its significance for eukaryotes: A concise review.;	0141-8130	Yes	Elsevier

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
	International Journal of Biological Macromolecules			
Anup Ojha, Ritika Arora, Rukhsar Khan, Sangeeta Pilkhwal Sah & Kumud Upadhyaya (2021)	Bioactivity guided fractionation of Bombax ceiba L. root extract for antidepressant activity and elucidation of mechanism of action using in silico studies; Indian Journal of Experimental Biology	ISSN 0975-1009 (Online)	Yes	NISCAIR
Alajangi HK, Kaur M, Sharma A, Rana S, Thakur S, Chatterjee M, Singla N, Jaiswal PK, Singh G, Barnwa (2022)	Blood–brain barrier: emerging trends on transport models and new-age strategies for therapeutics intervention against neurological disorders.; Molecular Brain	1756-6606	Yes	BMC
Singh G, Kaur H, Sharma A, Singh J, Alajangi HK, Kumar S, Singla N, Kaur IP, Barnwal RP (2021)	Carbon Based Nanodots in Early Diagnosis of Cancer.; Frontiers in Chemistry	2296-2646	Yes	Frontiers
Kumar S, Singh P, Kaur H, Prajapat M, .. Singh H, Prakash A, Kuhad A, Medhi B. (2021)	Clinically relevant cell culture models and their significance in isolation, pathogenesis, vaccine development, repurposing and screening of new drugs for SARS-CoV-2: a systematic review.; Tissue and Cell	0040-8166	Yes	Elsevier Science Bv, Netherlands
Thakur A, Jain S, Pant A, Sharma A, Kumar R, Singla N, Sutte A, Kumar S, Barnwal RP, Katare OP, sin (2022)	Cyclodextrin Derivative Enhances the Ophthalmic Delivery of Poorly Soluble Azithromycin; ACS Omega	2470-1343	Yes	ACS Publications
Smruti Ranjan Patra, Alka Bali, Madhurima Saha (2021)	Derivative spectroscopic methods for determination of gefitinib in bulk and in formulation.; Journal of Applied Spectroscopy, 87 (5) November 2021, 1088-1094	Electronic ISSN 1573-8647 Print ISSN 0021-9037	Yes	Springer
Surabhi Mangal, Tamanna Dua, Monika Chauhan, Neelima Dhingra, Sanjay Chhibber, Vasundhara Singh a (2022)	Design, Synthesis, and Quorum Quenching Potential of Novel Catechol Zingerone Conjugate to Find an Elixir to Tackle Pseudomonas aeruginosa Through the Trojan Horse Strategy; Frontier in Chemistry	2296-2646	Yes	Frontiers Media S.A
R. Kaur, R. Kumar, N. Dogra; A. K. Yadav (2022)	Design, synthesis, biological evaluations and in silico studies of sulfonate ester derivatives of 2-(2-benzylidenehydrazono) thiazolidin-4-one as potential $\alpha$ -glucosidase inhibitors.; J. Mol. Struct.	-	Yes	Elsevier
Bidisha Mondal, Alka Bali (2022)	Development and validation of a sensitive spectrofluorimetric method for determination of ibrutinib.; Journal of Applied Spectroscopy, 2022, 89(2), 364–370.	Electronic ISSN 1573-8647 Print ISSN 0021-9037	Yes	Springer
Chitvan Pandit, Hema Kumari Alajangi, Joga Singh, Akhil Khajuria, Akansha Sharma, Kaur I, Singh G. (2021)	Development of magnetic nanoparticle assisted aptamer-quantum dot based biosensor for the detection of Escherichia	-	Yes	Elsevier

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
	coli in water samples; Science Of The Total Environment			
Singh G, Kumar R, Barnwal RP, Pal Kaur I, (2022)	Development of magnetic nanoparticle assisted aptamer-quantum dot based biosensor for the detection of Escherichia coli in water samples.; Science of The Total Environment	0048-9697	Yes	Elsevier
Rishab Mehta, Ranjana Bhandari, Anurag Kuhad (2021)	Effects of catechin on a rodent model of autism spectrum disorder: implications for the role of nitric oxide in neuroinflammatory pathway; Psychopharmacology	1432-2072	Yes	Springer
Jadon, R.S., Sharma, G., Garg, N.K., Tandel, N., Gajbhiye, K.R., Salve, R., Gajbhiye, V., Katare O P (2021)	Efficient in vitro and in vivo docetaxel delivery mediated by pH-sensitive LPHNPs for effective breast cancer therapy.; Colloids and Surfaces B: Biointerfaces	0927-7765	Yes	Elsevier B.V.
R. C. Sobti, Mamtesh Kumari, Mandakini Singhla & Ranjana Bhandari (2022)	Emerging Technologies: Gateway to Understand Molecular Insight of Diseases, Newer Drugs, Their Design, and Targeting; Biomedical Translational Research	978-981-16-9231-4	Yes	springer
Akshita Jindal, Rishav Singh, Sakshi Tomar, Janhvi Dureja, Maninder Karan, and Renu Chadha (2021)	Engineering a remedy to modulate and optimize biopharmaceutical properties of rebamipide by synthesizing new cocrystal: Insilico and experimental studies; Pharmaceutical Research	0724-8741	Yes	Springer
Ranjana Bhandari ,Jyoti Paliwal,Anurag Kuhad (2022)	Enhanced Bioavailability & higher Uptake of Brain-targeted Surface Engineered Delivery System of Naringenin developed as a therapeutic for Autism Spectrum Disorder; Current Drug Delivery	1875-5704	Yes	Bentham Science Publishers
Gurleen Kaur, Srishti Gautam, Poonam Arora, Neelima Dhingra (2022)	Estimation Of Synergistic Antioxidant Effect Of Methanolic Extracts Of Some Medicinal Herbs; Research Journal Of Pharmacy And Technology	0974-360X	Yes	A and V Publication
Rishab Mehta, Ranjana Bhandari, Anurag Kuhad (2021)	Exploring nordihydroguaretic acid (NDGA) as a plausible neurotherapeutic in the experimental paradigm of autism spectrum disorders targeting nitric oxide pathway; Metabolic Brain Disease	1573-7365	Yes	Springer
Divya Pandit, Renu Chadha, Maninder Karan, and Paloth Venugopalan (2022)	Exploring solvatomorph of lenalidomide: A comprehensive analysis.; International Journal of Recent Scientific Research	0976-3031	Yes	NAAS
Tandale P, Choudhary N, Singh J, Sharma A, Shukla A, Sriram P, Soni U, Singla N, Barnwal RP, Singh G (2021)	Fluorescent quantum dots: An insight on synthesis and potential biological application as drug carrier in cancer.; Biochemistry and Biophysics Reports	-	Yes	Elsevier

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISSN Number</b>	<b>Peer Reviewed (Y/N)</b>	<b>Publisher</b>
Atmakuri S, Nene S, Khatri D, Singh SB, Sinha VR, Srivastava S., , (2022)	Forging Ahead the Repositioning of Multitargeted Drug Ivermectin.; Curr Drug Deliv. 2022 May 16	ISSN: 1875-5704 (Online) ISSN: 1567-2018 (Print)	Yes	Bantham Science
Shikha, Teenu, Kaisar, Sumant, Art, Anil kumar and Bhoop BS (2021)	Galactosylated Nanoconstructs of Berberine with Enhanced Biopharmaceutical and Cognitive Potential: A Preclinical Evidence in Alzheimer 's Disease.; Journal of Drug Delivery Science and Technology	1773-2247	Yes	Elsevier
Lohan S, Sharma T, Saini S, Singh A, Kumar A, Raza K, Kaur J, Singh B. (2021)	Galactosylated nanoconstructs of Berberine with enhanced Biopharmaceutical and cognitive potential: A preclinical evidence in Alzheimer's disease; Journal of Drug Delivery Science and Technology.	17732247, 25888943	Yes	ELSEVIER
Khera A, Alajangi HK, Khajuria A, Barnwal RP, Kumar S, Singh G. (2022)	Highlighting the potential role of Exosomes as the targeted nano-therapeutic carrier in metastatic breast cancer.; Current Drug Delivery	1567-2018	Yes	Bentham Science Publishers
Sodhi RK, Bansal Y, Singh R, Saroj P, Bhandari R, Kumar B, Kuhad A. (2021)	IDO-1 inhibition protects against neuroinflammation, oxidative stress and mitochondrial dysfunction in 6-OHDA induced murine model of Parkinson's disease.; Neurotoxicology	0161-813X	Yes	Elsevier Science Inc, USA
Kadian M, Sharma G, Pandita S, Sharma K, Shrivastava K, Saini N, Kumar A (2022)	Impact of Coenzyme Q10 on Neurodegeneration: A Comprehensive Review; Current Pharmacology Reports	2198-641X	Yes	Springer
Naman S, Madhavi N, Singh B, Madan J, Baldi A. (2021)	Implementing risk-based quality by design for development and optimization of flavored oral disintegrating mini tablets; Journal of Drug Delivery Science and Technology.	17732247, 25888943	Yes	ELSEVIER
Kaur R, Gorki V, Katare OP, Dhingra N, Chauhan M, Kaur R, Nirmalan N, Singh B. (2021)	Improved biopharmaceutical attributes of lumefantrine using choline mimicking drug delivery system: preclinical investigation on NK-65 P.berghei murine model; Expert Opinion on Drug Delivery	14773155	Yes	Taylor and Francis
Indu Pal K Ramzan, Samuel Gourion Arsiqqa, Afzal Hussain, Jaspreet Singh Gulati, Qihong Zhang, Sonia (2021)	In vitro release, ex vivo penetration, and in vivo dermatokinetics of ketoconazole loaded solid lipid nanoparticles for topical delivery; Drug Delivery and Translational Research	-	Yes	Springer
Sodhi RK, Singh R, Bansal Y, Bishnoi M, Parhar I, Kuhad A, Soga T. (2021)	Intersections in Neuropsychiatric and Metabolic Disorders: Possible Role of TRPA1 Channels; Frontiers in Endocrinology	1664-2392	Yes	Frontiers Media Sa, Switzerland

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Yamini P, Ray RS, Yadav S, Dhaliwal J, Yadav M, Kondepudi KK, Chopra K (2022)	$\alpha$ 7nAChR activation protects against oxidative stress, neuroinflammation and central insulin resistance in ICV-STZ induced sporadic Alzheimer's disease; Pharmacology Biochemistry and Behavior	0091-3057	Yes	Elsevier
Yashika Bansal, Raghunath Singh, Rupinder Kaur Sodhi, Pragyanshu Khare, Richa Dhingra, Neelima Dh (2022)	Kynurenine monoxygenase inhibition and associated reduced quinolinic acid reverses depression-like behaviour by upregulating Nrf2/ARE pathway in mouse model of depression: In-vivo and In-silico studies; Neuropharmacology	0028-3908	Yes	Elsevier
KaranRazdanabVijay SinghGondilcSanjayChhibbercKamalinder KSinghb Vivek Ranjan Sinha (2022)	Levofloxacin loaded clove essential oil nanoscale emulsion as an efficient system against Pseudomonas aeruginosa biofilm; Journal of Drug Delivery Science and Technology Volume 68, 2022	ISSN 1773-2247	Yes	Elsevier
Indu Pal Ramzan, Gurpreet Kaur, Sonia Trehan, Javed N. Agrewala, Bozena B. Michniak-Kohn, Afzal Hus (2021)	Mechanistic evaluations of ketoconazole lipidic nanoparticles for improved efficacy, enhanced topical penetration, cellular uptake (L929 and J774A.1), and safety assessment: In vitro and in vivo studies; Journal of Drug Delivery Science and Technology	-	Yes	Elsevier
Dogra S, Aggarwal A, Passi G, Sharma A, Singh G, Barnwal RP (2021)	Mucormycosis amid COVID 19 crisis: pathogenesis, diagnosis and novel treatment strategies to combat the spread; Frontiers in Microbiology	1664-302X	Yes	Frontiers
Jivesh Garg, Khushboo Pathania, Sangeeta Pilkhwah Sah and Sandip V. Pawar. (2022)	Nanostructured lipid carriers: a promising drug carrier for targeting brain tumours; Future Journal of Pharmaceutical Sciences	-	Yes	SpringerOpen
Kaur R, Dennison SR, Burrow AJ, Rudramurthy SM, Swami R, Gorki V, Katare OP, Kaushik A, Singh B, Sin (2021)	Nebulised surface-active hybrid nanoparticles of voriconazole for pulmonary Aspergillosis demonstrate clathrin-mediated cellular uptake, improved antifungal efficacy and lung retention; Journal of nanobiotechnology.	14773155	Yes	Biomed Central
Arora S, Dharavath RN , Bansal Y , Bishnoi M , Kondepudi KK , Chopra K (2021)	Neurobehavioral alterations in a mouse model of chronic partial sleep deprivation; Metabolic Brain Disease	0885-7490	Yes	Schimago
Monu Yadav, Naresh Kumar and Anil kumar (2022)	Neuroprotective effect of hesperidin and its combination with coenzyme Q10 on an animal model of ketamine-induced psychosis: behavioral changes, mitochondrial dysfunctions, biochemical alterations.; Future Journal of Pharmaceutical Science	2314-7253	Yes	Springer
Jai Malik, Supreet Kaur, Maninder Karan & Sunayna Choudhary (2022)	Neuroprotective effect of standardized extracts of three Lactuca sativa Linn.	ISSN No 1028-415X	Yes	Taylor and Francis



Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Malik J, Kaur S, Karan M, Choudhary S. (2022)	varieties against 3-NP induced Huntington's disease like symptoms in rats; Nutritional Neuroscience Neuroprotective effect of standardized extracts of three <i>Lactuca sativa</i> Linn. varieties against 3-NP induced Huntington's disease like symptoms in rats.; Nutritional Neuroscience	ISSN. 1028-415X	Yes	Taylor & Francis
Saroj P, Bansal Y, Singh R, Akhtar A, Sodhi RK, Bishnoi M, Sah SP, Kuhad A. (2021)	Neuroprotective effects of roflumilast against quinolinic acid-induced rat model of Huntington's disease through inhibition of NF- $\kappa$ B mediated neuroinflammatory markers and activation of cAMP/CREB/BDNF signaling pathway.; Inflammopharmacology	9254692	Yes	Springer Basel Ag, Netherlands
R Mehta, A Kuhad, Ranjana Bhandari (2022)	Nitric oxide pathway as a plausible therapeutic target in autism spectrum disorders; Expert Opinion on Therapeutic Targets	1744-7631	Yes	Taylor & Francis
Ashmita Sharma, Anurag Kuhad , Ranjana Bhandari (2022)	Novel Nanotechnological Approaches for Targeting Dorsal Root Ganglion (DRG) in Mitigating Diabetic Neuropathic Pain (DNP); Frontiers in endocrinology	1664-2392	Yes	Springer
Ashmita Sharma, Anurag Kuhad , Ranjana Bhandari (2022)	Novel nanotechnological approaches for treatment of skin-aging; Tissue Viability	096551206X	Yes	Elsevier
Divya Pandit, Renu Chadha, Biswajit Laha, Manoj Kumar Gautam, Maninder Karan, and Sanjay K. Manda (2022)	Novel pharmaceutical cocrystals of gefitinib: A credible upswing in strategic research to ameliorate its biopharmaceutical challenges; Crystal Growth & Design	1528-7483	Yes	ACS
Dhas N, Pastagia M, Sharma A, Khera A, Kuharda R, Kulkarni S, Soman S, Mutalik S, Barnwal RP, Singh (2022)	Organic quantum dots: an ultrasmall nanoplateform for cancer theranostics; Journal of Controlled Release	0168-3659	Yes	Elsevier
Manpreet Kaur, Jitender Chandel, Jai Malik, Amarjit S Naura. (2022)	Particulate matter in COPD pathogenesis: an overview; Inflammation Research	ISSN: 1023-3830	Yes	Springer
Akshita Jindal, Mansi Prashar, Janhvi Dureja, Neelima Dhingra, Kunal Chadha, Maninder Karan, Renu (2022)	Pharmaceutical Cocrystals of Famotidine: Structural and Biopharmaceutical Evaluation; Journal of Pharmaceutical Sciences	2365-6549	Yes	Elsevier
K Razdan, J Garcia-Lara, VR Sinha, KK Singh (2022)	Pharmaceutical strategies for the treatment of bacterial biofilms in chronic wounds; Drug Discovery Today, 2022 Aug;27(8):2137-2150	ISSN-1359-6446	Yes	Elsevier Ltd.
Sharma, G., Kaur, B., Thakur, K., Mahajan, A., Amarji, B., Singh, M.P. and Katare, O.P. (2022)	Pluronic F127-tailored lecithin organogel of acyclovir: Preclinical evidence of antiviral activity using BALB/c murine	2190-393X	Yes	Springer Nature

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
	model of cutaneous HSV-1 infection.; Drug Delivery and Translational Research			
Yadav M, Kumar N, Jindal DK, Dhaiya M and Kumar A (2022)	Possible biomarkers and contributing factors of psychosis: A review; Current Pharmacology Reports	2198-641X	Yes	Springer
Pariksha Oberoi, Joga Singh, Garima Sharma, Vishakha Grover, Indu Pal Kaur (2021)	Preparation and Characterization of in-Situ Gelling Systems Containing Curcumin Loaded Solid Lipid Nanoparticles for Periodontitis; Current Trends in Biomedical Engineering & Biosciences	2572-1151	Yes	Juniper Publishers
Kaur Chopra K, Bishnoi M, Kondepudi KK (Eds) (2021)	Probiotic Research in Therapeutics; Metabolic Disease & Gut Bacteria	9789811582141, 9811582149	Yes	Springer
Kumud Upadhyaya, Priya Kumari Sharma, Ansab Akhtar and Sangeeta Pilkhwah Sah (2022)	Protective Effects of Zingerone Against Depression-Like Behavior and Biochemical Changes in Chronic Stressed Rats: Antioxidant Effects; Journal of medicinal Food	ISSN: 1096-620X   Online ISSN: 1557-7600	Yes	Mary Ann Liebert, Inc., publishers
Shikha Lohan, Teenu Sharma, Sumant Saini, Rajan Swami, Dinesh Dhull, Sarwar Beg, Anil Kumar (2021)	QbD-steered development of mixed nanomicelles of galantamine: Demonstration of enhanced brain uptake, prolonged systemic retention and improved biopharmaceutical attributes.; International Journal of Pharmaceutics	0378-5173	Yes	Elsevier
Ranju Bansal, Ranjit Singh and Khushpal Kaur (2021)	Quantitative analysis of doxorubicin hydrochloride and arterolane maleate by mid IR spectroscopy using transmission and reflectance modes; BMC Chemistry	2661-801X	Yes	Springer
Jain A, Sharma T, Katare OP, Singh B. (2022)	Raloxifene-loaded SLNs with enhanced biopharmaceutical potential: QbD-steered development, in vitro evaluation, in vivo pharmacokinetics, and IVIVC; Drug Delivery and Translational Research	2190-393X	Yes	Springer Nature
Sharma A, Alajangi HK, Pisignano G, Sood V, Singh G, Barnwal RP. (2022)	RNA thermometers and other regulatory elements: Diversity and importance in bacterial pathogenesis.; Wiley Interdisciplinary Reviews: RNA	1757-7012	Yes	Wiley Periodicals LLC.
Mei Nee Chiu, Maitry Bhardwaj, Sangeeta Pilkhwah Sah (2022)	Safety profile of COVID-19 drugs in a real clinical setting; European Journal of Clinical Pharmacology	0031-6970 (print) 1432-1041 (web)	Yes	Springer
Ranjana Bhandari, Priya Badyal, Garima Khanna, Anurag Kuhad (2022)	siRNA-Encapsulated Nanoparticles for Targeting Dorsal Root Ganglion (DRG) in Diabetic Neuropathic Pain; Biomedical Translational Research	978-981-16-9231-4	Yes	Springer
Sudhanshu Shekhar, Alka Bali (2021)	Spectrofluorimetric method for determination of azelastine hydrochloride	Electronic ISSN 1573-	No	Springer

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
	in bulk and in nasal formulation; Journal of Applied Spectroscopy, 88(3), July, 2021, 674-680	8647 Print ISSN 0021-9037		
Ramkesh Dalal, Akanksha Kulshreshtha, Ashish Kumar Lamiyan, Neelima Ram Kumar, Poonam Piplani (2022)	Synergistic Potential Of Honey Bee Products With Rivastigmine As Novel Neuropharmacological Approach In Rodent Model Of Scopolamine-Induced Dementia; International Journal Of Scientific Research	2277-8179	Yes	Journal For All Subjects
Parleen Kaur, Swati Sihag, Monika Chauhan, Dr. Neelima Dhingra, Dr. Navneet Agnihotri, Dr. Ramandeep K (2022)	Synthesis and In Vitro Analysis of 1-Deoxysphingolipid Ceramide Analogues via UGI Reaction as Potential Anti-cancer Agents; Chemistry Select	2365-6549	Yes	Wiley-VCH
Akanksha Sharma, Priyanka Rana, Poonam Arora, Tanzeer Kaur and Neelima Dhingra* (2022)	Synthesis, Characterization, and Evaluation of 5 $\alpha$ , 6 $\beta$ -Dihalo androsterone Derivatives as 5 $\alpha$ -Reductase Inhibitors; Current Enzyme Inhibition	1573-4080	Yes	Bentham Science Publishers
Pragati Silakari, Om Silakari and Poonam Piplani (2022)	Systematic insilico designing, synthesis and biological evaluation of novel 1,4-benzoquinone derivatives for the prospective management of cognitive decline; ACS Chemical Neuroscience	1948-7193	Yes	American Chemical Society
Saini S, Sharma T, Jain A, Kaur H, Katare OP, Singh B (2022)	Systematically designed chitosan-coated solid lipid nanoparticles of ferulic acid for effective management of Alzheimer's disease: A preclinical evidence; Colloids and Surfaces B: Biointerfaces	0927-7765	Yes	ELSEVIER
Saini, S., Sharma, T., Jain, A., Kaur, H., Katare, O.P. and Singh, B., (2021)	Systematically designed chitosan-coated solid lipid nanoparticles of ferulic acid for effective management of Alzheimer's disease: A preclinical evidence.; Colloids and Surfaces B: Biointerfaces	0927-7765	Yes	Elsevier B.V.
Gowsia Jan, Swati Bhat, Monika Chauhan, Devinder Kumar Dhawan, Neelima Dhingra, Vijayta Dani Chadha (2022)	-ylphenoxyacetate (Tc-99m-17 $\alpha$ -aza steroid)' in rat prostatic neoplastic lesions; Indian Journal of Nuclear Medicine $\beta$ Target specific uptake of a newly synthesized radiolabelled 5 $\alpha$ -reductase inhibitor 'Tc- 99m-17-oxo-17 $\alpha$ -aza-D-homo-5-androsten-3	0972-3919	Yes	Wolters Kluwer - Medknow
Dhaliwal J, Dhaliwal N, Akhtar A, Chopra K (2022)	Tetramethylpyrazine Attenuates Cognitive Impairment Via Suppressing Oxidative Stress, Neuroinflammation, and Apoptosis in Type 2 Diabetic Rats; Neurochem Res	0364-3190	Yes	Springer
Neetu Saini, Monika Kadian, Alka khera, Aanchal Aggarwal, Anil Kumar (2021)	Therapeutic potential of Allium Sativum against the A $\beta$ (1-40)-induced oxidative stress and mitochondrial dysfunction in	2165-591X	Yes	e-Century Publishing corporation

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
	the Wistar rats; American Journal of Neurodegenerative Disease			
Almawash, S., Chaturvedi, S., Misra, C., Thotakura, N., Ibrahim, I.M., Sharma, G., Katare, O.P., (2022)	Vitamin E TPGS-PLGA-based nanoparticles for methotrexate delivery: Promising outcomes from preclinical studies.; Journal of Drug Delivery Science and Technology,	1773-2247	Yes	Elsevier B.V.
Priya Joon, Anil kumar and Milind Parle (2021)	What is autism?; Pharmacological Reports	2299-5684	Yes	Springer

### DETAILS OF PUBLICATIONS

#### Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
Geetakshi Arora, Poonam Piplani (2022)	Identification Of Selective Human Matrix Mettaloproteinase-9 (Mmp-9) Inhibitors As Potent Diabetic Wound Healing Agents; Chascon - 2022	NA	Panjab University
Nalini Chaudhary, Poonam Piplani (2022)	Implications Of Thiadiazole Derivatives In Cognitive Dysfunction; Chascon- 2022	NA	Panjab University
Ajay Kumar, Poonam Piplani (2022)	Targeting Amyloid Precursor Protein (App) Proteolytic Cascade In Cognitive Decline; Chascon 2022	NA	Panjab University

### DETAILS OF PUBLICATIONS

#### Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
KomalSaini,SnigdhaVerma, VanditaKakkar (2022)	Anti-psoriatic effects of tetrahydrocurcumin lipidic nanoparticles in IMQ induced psoriatic plaque: A research report; Journal of Drug Delivery Science and Technology	-	Elsevier
PriyankaNarula, KomalSaini, MeghaSaini, Dinesh Singla, Anurag Singh Chauhan, VanditaKakkar (2022)	Assay and Dermatokinetics of Tetrahydrocurcumin Lipidic Nanostructures Using Reverse Phase-High Performance Liquid Chromatography; Pharmaceutical nanotechnology (Bentham Science)	2211-7385	Bentham Science
Meenakshi Bhatia, M. Srivastav, Sunita Devi, S. K. Sharma, VanditaKakkar and KomalSaini (2022)	Optimization and Evaluation of Ketoconazole Loaded Nanostructured Lipid Carriers Employing Microwave-Assisted Technique.; Indian Journal of Pharmaceutical Sciences (Indian Pharmaceutical Association)	-	Indian Journal of Pharmaceutical Sciences
ShainaNagpal, Parina Kumari, KomalSaini, VanditaKakkar (2022)	Pain Management with Topical AceclofenacNanosuspension In-Vitro/In-Vivo and Proof of Concept Studies; Current Drug Therapy (Bentham Science)	1574-8855	Bentham Science Publishers
KomalSaini, CaaminArora, MeghaSaini, Saurabh Sharma,	Preclinical safety of tetrahydrocurcumin loaded lipidic nanoparticles incorporated into tacrolimus	-	Elsevier

Name of Author	Title of the Paper	ISSN Number	Publisher
Deepak Chitkara, VanditaKakkar (2022)	ointment: in vitro and in vivo evaluation; Food and Chemical Toxicology		
Jivesh Garg, VanditaKakkar, Sandip V. Pawar. (2022)	Resealed erythrocytes: Towards a novel approach for anticancer therapy.; Journal of the Indian Chemical Society	-	Elsevier
VanditaKakkar, PriyankaNarula (2022)	Role of molecularly imprinted hydrogels in drug delivery - A current perspective; International Journal of Pharmaceutics	-	Elsevier
KomalSaini, Nancy Modgill, Kamalinder K Singh, VanditaKakkar. (2022)	Tetrahydrocurcumin lipid nanoparticle-based gel penetrates in deeper layers of skin and alleviates atopic dermatitis in 2,4-Dinitrochlorobenzene (DNCB) mice model; Nanomaterials (MDPI)	-	MDPI
KomalSaini, VanditaKakkar, Manoj Kumar Verma, Indu Pal Kaur (2022)	Usefulness of lipidic nanoparticles of curcumin and tetrahydrocurcumin for skin inflammation: Comparative study; Current Nanoscience (Bentham Science)	1573-4137	Bentham Science Publishers

#### Summary of Research Publications July 1 ,2021 to June 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	University Institute of Pharmaceutical Sciences	Peer Review Journals	87	5	0	92
2	University Institute of Pharmaceutical Sciences	e-Journals	1	1	0	2
3	University Institute of Pharmaceutical Sciences	Conference Proceedings	0	0	0	3
4	University Institute of Pharmaceutical Sciences	Book with ISBN	3	0	0	3
5	University Institute of Pharmaceutical Sciences	Books	0	1	0	1
6	University Institute of Pharmaceutical Sciences	Chapter in a book	15	0	0	15
7	University Institute of Pharmaceutical Sciences	Newspaper and Media	9	0	0	9

#### RESEARCH SCHEMES

##### Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
ICMR	Biohybrid antisense PNA-Graphene QDs targeting bcl-2 gene for cancer theranostic	4338600	1248566	Major	2021 - Till Date	Dr Gurpal Singh
DBT-ICIMPACT Ind- Canada	Biovalorization of Lignin	5600000	0	Major	2021 - Till Date	Dr Sandip V Pawar
IBRO	Brain - targeted nanocarriers for Autism Spectrum Disorders.	500000	0	Minor	2020 - Till Date	Dr Ranjana Bhandari
Ind - Aus FCRA	Research Grant	600000	200000	Major	2020 - Till Date	Dr Sandip V Pawar

<b>Sponsor</b>	<b>Title</b>	<b>Funds Sanctioned (INR)</b>	<b>Funds Received (INR)</b>	<b>Type (Major/Minor)</b>	<b>Duration(in years)</b>	<b>Principal Investigator and Research Team</b>
DST-SERB	Development and evaluation of fish oil - probiotic supplemented composite dressing for chronic wounds	4443600	400000	Major	2020 - Till Date	Professor Indu Pal Kaur
SBIRI, BIRAC	Lipidic nanocarriers as an innovative technology for topical fungal infections, resistance and recurrence	11368000	0	Major	2019 - Till Date	Professor Indu Pal Kaur
DST-IndoEgypt	Novel Nano-structured Enabled Drug Delivery System for the Treatment of Tauopathy in animal model	1110000	0	Major	2020 - 2022	Dr Gurpal Singh
Industrial Project: BDH Industries Pvt Ltd, Mumbai	Liposomal Technology Platform	493000	0	Major	2019 - Till Date	Professor O.P.Katare
DST-UT (Chandigarh)	A novel healthcare solution for diabetes and cancer neuropathic pain patients	175000	175000	Minor	2020 - Till Date	Dr Anurag Kuhad
IPCA Foundation	IPCA foundation grant for research activities	704000	704000	Industry Sponsored	2022 - 2023	Professor O.P.Katare
DST-UT (Chandigarh)	Diagnostics	200000	150000	Major	2021 - 2022	Dr Gurpal Singh
ICMR-DHR	Diagnostics	3134250	834750	Major	2021 - 2024	Dr. Hema Kumari Alajangi, Dr Ravi Pratap Barnwal
Valence Labs	API and Intermediate Synthesis	11000000	0	Industry Sponsored	2021 - 2027	Professor Ranju Bansal
DST-UT (Chandigarh)	Synthesis and biological evaluation of 2-and 1-amino-quinolines and isoquinolines as active antimicrobials	125000	125000	Minor	2021 - 2022	Dr Ashok Kumar Yadav
-	-	0	0	Nil/NA	2021 - 2022	-
DST-UT (Chandigarh)	Development of lignin based targeted polymeric nanoparticle platform for efficient delivery of anticancer drug	125000	125000	Minor	2021 - Till Date	Dr Sandip V Pawar
DST-SERB	Systematic development of surface modified intranasal nanostructured carrier for efficient treatment of cerebral malaria	3478660	600000	Major	2018 - 2021	Professor O. P. Katare
ICMR	Department of Health Research for "Young Scientist"	3134250	1044750	Major	2021 - Till Date	Dr. Ranjit Singh

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
ICMR	Co-delivery of paclitaxel and betacaryophyllene (BCP) through lipid-nanocarriers confers synergistic effect for treating endocrine tumors	628300	314150	Major	2021 - Till Date	Prof. O.P. Katare

### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT

#### Details of Seminars, Conferences, and Workshops organized during the Academic Year

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
International Webinar under UIPS Expert Talk series on “The ZNF217 oncogene is a key mediator and early indicator of metastasis in breast cancer” by Professor Pascale A. Cohen, Professor in Molecular Biology and Biotechnology Faculty of Pharm Univ of Lyon, France. Chief Guest, Professor Amanjit PGI	2021-07-09	2021-07-09	Professor Indu Pal Kaur, Chairperson, UIPS	140
Open discussion on Research, Innovation and ranking organised by Panjab University under the aegis of National Higher Education Mission (RUSA) as a part of one year celebrations of NEP 2020	2021-08-09	2021-08-09	Professor Indu Pal Kaur, CHairperson UIPS – Panel Expert & Professor Ranju Bansal, Convener	100
5th IBRO-APRC Associate School on the theme “Neuropsychiatric and Neurodegenerative Diseases&quot;	2021-08-23	2021-08-27	Professor Indu Pal Kaur (Organising Chair &&Chairperson, UIPS) && Dr Anurag Kuhad (Organizing Secretary)	150
MHRD’S Institution’s Innovation Council (IIC-UIPS), World Entrepreneurs’ Day Celebrations (An MIC driven activity) - Webinar by Professor Om Prakash Katare, Professor of Pharmaceutics and Former Chairperson, UIPS, Ex-Director, Research Promotion Cell, PU Topic: Academic Entrepreneurship	2021-08-24	2021-08-24	Professor Indu Pal Kaur (Chairperson, UIPS & President IIC-UIPS)	150
International Webinar under UIPS Expert Talk series on “Pharmaceuticals Service Industry – The Multiverse of Opportunities” by Mr Manish Arora, Associate Director, IQVIA, UK	2021-08-14	2021-08-14	Professor Indu Pal Kaur (Chairperson, UIPS)	115
Webinar under UIPS Expert Talk series on “ANDA Process – Role of Analytical Research” by Mr Shital Pathak, Vice President & Head Analytical R&D, Glenmark Pharmaceuticals, Mumbai	2021-08-28	2021-08-28	Professor Indu Pal Kaur Chairperson, UIPS	100
National Pharmacovigilance Week Celebrations	2021-09-17	2021-09-23	Professor Indu Pal Kaur (Chairperson, UIPS & Secretary IPA Pb branch); Professor Kanwaljit Chopra (Head, Pharmacology) &	200

<b>Title of the Event</b>	<b>From Date</b>	<b>To Date</b>	<b>Name of Coordinator / Convener</b>	<b>Number of Participants</b>
			Professor Poonam Piplani (Convener, Lecture Organizing Team)	
Webinar on “Pharmacovigilance Basic Method Practices and Pharmacovigilance Programme of India” by Professor Bikash Medhi, Coordinator - PGIMER Pharmacovigilance Centre Regional Resource and Training & amp; amp; Technical Support Centre for North India; Professor, Dept of Pharmacology & amp; amp; AMS. PGIMER	2021-09-18	2021-09-18	Professor Indu Pal Kaur (Chairperson, UIPS & amp; Secretary IPA Pb branch); Professor Kanwaljit Chopra (Head, Pharmacology) & amp; amp; Professor Poonam Piplani (Convener, Lecture Organizing	170
Webinar on Pharmacovigilance: Vanguard for patient safety by Mr Gurpreet Singh, Associate Director, Medical Writing, Parexel, Chandigarh	2021-09-23	2021-09-23	Professor Indu Pal Kaur (Chairperson, UIPS & amp; Secretary IPA Pb branch); Professor Kanwaljit Chopra (Head, Pharmacology) & amp; Professor Poonam Piplani (Convener, Lecture Organizing Team)	150
World Pharmacist Day celebrations – Webinar on “Regulatory affairs and its role in pharmaceutical industry” by Dr Vibha Malhotra, Regulatory Affairs, Pfizer/Viatris, Sydney, Australia	2021-09-25	2021-09-25	Prof. Indu Pal Kaur (Chairperson, UIPS; President, IIC-UIPS & amp; amp; Secretary, IPA Pb.Br)	180
IPR Workshop organized by TEC & amp; CIIPP, Panjab University, Chandigarh. Speaker: Er Kompal Bansal, Founder Partner of Bansal IP Associates, Registered Patent and trademark agent, India. Faculty Coordinator, Professor Manu Sharma and Professor Sarabjeet Singh	2021-07-21	2021-07-21	Faculty Coordinator, Professor Manu Sharma and Professor Sarabjeet Singh	100
60th National Pharmacy Week celebrations. Theme ‘Pharmacists: Integral Part of Healthcare’	2021-11-21	2021-11-27	Prof. O. P. Katare (President, IPA, Punjab branch), Prof. Bhupinder Singh Bhoop (Vice President, IPA, Punjab branch), and Prof. Indu Pal Kaur (Chairperson UIPS; President, IIC-UIPS; Secretary, IPA, Pu	150
60th National Pharmacy Week celebrations: Valedictory talk on the theme 'Pharmacist: Integral part of Healthcare' by guest speaker Professor Rajendra B Kakde, Advisor- I, Approval Bureau Head, All India Council for Technical Education, New Delhi	2021-11-27	2021-11-27	Prof. O. P. Katare (President, IPA, Punjab branch), Prof. Bhupinder Singh Bhoop (Vice President, IPA, Punjab branch), and Prof. Indu Pal Kaur (Chairperson UIPS; President, IIC-UIPS; Secretary, IPA, Pb	200
UGC Networking Resource Centre Faculty Development 1-week program on “Attaining Quality Excellence in Drug Delivery Development & amp; Research: Emerging	2021-11-29	2021-12-04	Professor Indu Pal Kaur (Chairperson, UIPS& Program Coordinator, UGCNRC); Professor Bhupinder Singh Bhoop (Course Coordinator, UGCNRC)	220



<b>Title of the Event</b>	<b>From Date</b>	<b>To Date</b>	<b>Name of Coordinator / Convener</b>	<b>Number of Participants</b>
Trends, Tools & Techniques in Pharmaceutics & Biopharmaceutics			& Dr Gurpal Singh (Joint Course Coordinator, UGCNRC)	
National Youth Day celebrations	2022-01-12	2022-01-12	Professor Indu Pal Kaur, Chairperson UIPS & President IIC-UIPS	145
UGC Networking Resource Centre Faculty Development 1-week program on “New Era Technologies in Formulation Design Space	2022-01-17	2022-01-22	Professor Indu Pal Kaur (Chairperson, UIPS & Program & Course Coordinator, UGC-NRC) & Dr Vandita Kakkar (Joint Course Coordinator, UGC-NRC)	125
UGC Networking Resource Centre Faculty Development 1-week program on “Emerging Trends and Alternatives in Pharmacological Research	2022-02-14	2022-02-19	Professor Indu Pal Kaur (Chairperson, UIPS & Program Coordinator, UGC-NRC); Professor Anil Kumar (Course Coordinator, UGC-NRC) & Dr Anurag Kuhad (Joint Course Coordinator, UGC-NRC)	225
International Talk on Critical role of gut peptides and microbiome in prebiotic fiber-mediated appetite and body weight regulation by Dr Arashdeep Singh, Postdoctoral Associate, Department of Pharmacodynamics, Center for Integrative Cardiovascular and Metabolic Disease, Univ of Florida College of Ph	2022-02-23	2022-02-23	UIPS	115
MoE's Institution's Innovation Council celebrates National Science Day (28 February) Webinar on Supremacy of Indian Great Boffins: The unsung story by Dr N Ganesh, Head, Senior Scientist & Consultant Oncogenetic, Department of Research, Jawaharlal Nehru Cancer Hospital & Res Centre (JNCH), Bhopal	2022-02-25	2022-02-25	Prof. Indu Pal Kaur (Chairperson, UIPS & President, IIC-UIPS)	100
PUPS Homecoming Series and IIC-UIPS – an interactive session with Dr Tarun Vijan, Consultant & Director Groundwerk Healthcare Limited, Canada, in the Main Lecture Hall, Extension Block, UIPS for the students of classes B.Pharm. Sem 8 and M.Pharm	2022-04-13	2022-04-13	Professor Indu Pal Kaur, Chairperson, UIPS	100
International Talk by Professor Kanwaljit Chopra Sri Lanka Association for Laboratory Animal Science (SLALAS) in collaboration with The College of Biochemists of Sri Lanka (CBSL), organized a webinar on “Preclinical Evaluation of Nutraceuticals in Diverse Pathologies”	2022-05-12	2022-05-12	Sri Lanka Association for Laboratory Animal Science (SLALAS) in collaboration with The College of Biochemists of Sri Lanka (CBSL),	150

<b>Title of the Event</b>	<b>From Date</b>	<b>To Date</b>	<b>Name of Coordinator / Convener</b>	<b>Number of Participants</b>
17th Women in Science (Wise) Event &quot; Live Biotherapeutics- Innovative New Era Options for Skin Disease and Tissue Regeneration&quot; by Prof Indu Pal Kaur, Chairperson, University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh	2022-06-17	2022-06-17	Prof. Praveen Rishi - President (AMI)	200
International Yoga Day Celebrations – Lecture by Professor O P Katare at NIPER Mohali. Lecture on Excellence in Totality	2022-06-25	2022-06-25	NIPER Mohali	100
Webinar on “Strategic Management of IP” by Dr Gautam Bakshi, Head & Patent Counsel, Intellectual Property Management, Unichem Laboratories Ltd. Mumbai, Maharashtra	2021-11-30	2021-11-30	Professor Indu Pal Kaur, Chairperson, UIPS	75
IIC-UIPS Webinar on “Training Pharma Professionals towards Entrepreneurship: Challenges and Opportunities” by Professor V R Sinha, Dean of University Instruction, Panjab University, Chandigarh & Professor of Pharmaceutics, UIPS, Panjab University, Chandigarh	2021-11-30	2021-11-30	Professor Indu Pal Kaur, Chairperson, UIPS	80
Webinar on “From Proposition to Patent to Product, and Even Beyond: A Glimpse of UIPS Sojourn towards Excellence” by Professor O P Katare, Professor of Pharmaceutics, University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh	2021-12-03	2021-12-03	Professor Indu Pal Kaur, Chairperson, UIPS	70
Webinar on “How to write research proposal, research paper and related ethical issues?” by Professor Kanwaljit Chopra, Professor & Head, Pharmacology & Former Chairperson and Professor Anil Kumar, Professor of Pharmacology, UIPS, Panjab University, Chandigarh	2022-01-17	2022-01-17	Professor Indu Pal Kaur, Chairperson, UIPS	180
Webinar on “Ethics in research publication & Presentation and discussion on draft research proposal” by Professor Kanwaljit Chopra, Professor & Head, Pharmacology & Former Chairperson and Professor Anil Kumar, Professor of Pharmacology, UIPS, Panjab University, Chandigarh	2022-01-17	2022-01-17	Professor Indu Pal Kaur, Chairperson, UIPS	180
MHRD’S Institution’s Innovation Council (IIC-UIPS) and Placement Cell, UIPS organized a Webinar on “Career progression and discuss case studies based on where we are” by Dr Vivek Gupta, Associate Dean of Graduate Education & Research; Associate Professor, Pharm. Sci., College of Pharmacy & Health Sc	2022-01-18	2022-01-18	Professor Indu Pal Kaur, Chairperson, UIPS	100

<b>Title of the Event</b>	<b>From Date</b>	<b>To Date</b>	<b>Name of Coordinator / Convener</b>	<b>Number of Participants</b>
MHRD'S Institution's Innovation Council (IIC-UIPS) organized webinar on "Designing the Space for Innovation and Entrepreneurship: Sharing Story Journey Experience and Wisdom Beyond..." by Professor O P Katare, Professor & Head, Pharmaceutics, UIPS PU	2022-01-18	2022-01-18	Professor Indu Pal Kaur, Chairperson, UIPS	100
MHRD'S Institution's Innovation Council (IIC-UIPS) organized webinar on "Entrepreneurial Ecosystem in an Academic Environment with our own IDEA" by Dr Vandita Kakkar, Assistant Professor of Pharmaceutics, University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh	2022-01-18	2022-01-18	Professor Indu Pal Kaur, Chairperson, UIPS	75
MHRD'S Institution's Innovation Council (IIC-UIPS) organized webinar on "Innovations in translational pharmaceutical research" by Professor Sanjay Garg, Professor of Pharmaceutical Science, UniSA Clinical & Health Sciences, University of South Australia	2022-01-20	2022-01-20	Professor Indu Pal Kaur, Chairperson, UIPS	180
MHRD'S Institution's Innovation Council (IIC-UIPS) organized webinar on "Understanding the Concept of Innovation and Startup/ Entrepreneurship in Higher Educational Institutions by Professor V R Sinha, Dean of University Instruction, Panjab University, Chandigarh & Professor of Pharmaceutics, UIPS	2022-01-20	2022-01-20	Professor Indu Pal Kaur, Chairperson, UIPS	125
MHRD'S Institution's Innovation Council (IIC-UIPS) organized webinar on "StartUp & Entrepreneurship Opportunities in Healthcare Sector" by Mr Sachin Kumbhoje, CEO & Co-Founder, OpEx Accelerator Pvt. Ltd.; Co-founder & Director, MakeMeHire; Founder, Plan B Digital StartUp Magazine and WebSeries Host:	2022-01-21	2022-01-21	Professor Indu Pal Kaur, Chairperson, UIPS	165
MHRD'S Institution's Innovation Council (IIC-UIPS) organized webinar on "StartUp Opportunities in Diagnostics" by Mr Vishal Daddikar, Founder, Mole Chemlabs	2022-01-21	2022-01-21	Professor Indu Pal Kaur, Chairperson, UIPS	165
MHRD'S Institution's Innovation Council (IIC-UIPS) organized webinar on "Innovation to Reality: The Translation Journey" by Professor Indu Pal Kaur, Chairperson, & Professor of Pharmaceutics, UIPS, PU Chandigarh	2022-01-22	2022-01-22	UIPS	155
UGC SIP Deeksharambh - Student Induction Program	2022-03-30	2022-03-31	Professor Indu Pal Kaur, Chairperson, UIPS	166

<b>Title of the Event</b>	<b>From Date</b>	<b>To Date</b>	<b>Name of Coordinator / Convener</b>	<b>Number of Participants</b>
UIPS organized webinar on “Design of Animal Experiment: Welfare as a top priority” by Dr Vijay Pal Singh, Assistant Professor, Academy of Scientific and Innovative Research (AcSIR) & Veterinarian (STO), CSIR-Institute of Genomics and Integrative Biology, New Delhi	2022-02-14	2022-02-14	UIPS	180
UIPS organized webinar on “Research visibility and measuring Impact of Scientific research” by Dr Neeraj Kumar Singh, Deputy Librarian, Readers' Services, A C Joshi Library, Panjab University, Chandigarh	2022-02-14	2022-02-14	UIPS	150
UIPS organized webinar on “PHARMACOVIGILANCE BASIC METHOD PRACTICES & Pharmacovigilance Programme of India (PvPI)” by Professor Bikash Medhi, Department of Pharmacology, Post Graduate Institute of Medical Education and Research, Chandigarh	2022-02-15	2022-02-15	UIPS	175
UIPS organized webinar on “Ethical practices and principles in Scientific publications: COPE guidelines” by Professor Anil Kumar, Professor of Pharmacology, UIPS, Panjab University, Chandigarh	2022-02-16	2022-02-16	UIPS	150
Webinar on “Ethics in Experiments on Animals” by Professor Nirmal Singh, Professor & Head, Department of Pharmaceutical Sciences & Drug Research, Punjabi University, Patiala, Punjab	2022-02-16	2022-02-16	UIPS	160
UIPS organized webinar on “Artificial Intelligence and drug discovery/health economics” by Ms Richa Goyal Rai, Principal-Health Economics and Outcomes Research, Real World Solutions, IQVIA, Mumbai, Maharashtra	2022-02-17	2022-02-17	UIPS	170
UIPS organized an International webinar on “Leveraging AI to augment Drug Discovery Research” by Dr Sameer Sharma, Vice President, Translational Drug Discovery, Invea Therapeutics, CT, USA	2022-02-17	2022-02-17	UIPS	180
UIPS organized a webinar on “Publishing to Patenting: Understand the Patent Protection” by Ms Bhawna Sharma, Head–Patents & Designs, Singhanian and Partners LLP, New Delhi	2022-02-17	2022-02-17	UIPS	168
UIPS organized a webinar on “Be Crazy to be Creative” by Professor Milind Parle, Professor of Pharmacology; President of Association of Pharmaceutical Scientists and Educators (APSE); Ex. Dean, Faculty of Medical Sciences; Ex. Chairman, Dept. Pharm.	2022-02-18	2022-02-18	UIPS	185

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Sciences; Ex. Chairman, Dept. of Physiotherapy; Gu				
UIPS organized a webinar on “Principles of Teaching” by Professor A B Gupta, Curriculum Development Centre, National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh	2022-02-19	2022-02-19	UIPS	160
MHRD’S Institution’s Innovation Council (IIC-UIPS) organized webinar on “Translating the lab idea into product: Sharing the journey and beyond...” by Professor O P Katare, Professor & Head of Pharmaceutics, UIPS, Panjab University, Chandigarh	2022-02-19	2022-02-19	UIPS	150
UIPS organized a webinar by Professor S K Kulkarni, Emeritus Professor of Pharmacology & Former Pro-Vice Chancellor, Panjab University, Chandigarh on “Title: Impact of Covid19-pandemic on lab-based research”	2022-02-19	2022-02-19	UIPS	165

### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

#### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	University Institute of Pharmaceutical Sciences	Dr Gurpal Singh	UGC NRC training School Attaining Quality Excellence in Drug Delivery Development & Research: Emerging Trends, Tools & Techniques in Pharmaceutics & Biopharmaceutics	Professional Development Programmes	Faculty Development Programme	National	Cisco WebEx Events & Google Meet	29/11/2021	04/12/2021	Professor Indu Pal Kaur (Chairperson, UIPS& Program Coordinator, UGCNRC); Professor Bhupinder Singh Bhoop (Course Coordinator, UGCNRC) & Dr Gurpal Singh (Joint Course Coordinator, UGCNRC)
2	University Institute of Pharmaceutical Sciences	Dr Gurpal Singh	UGC NRC training School on New Era Technologies in Formulation Design Space	Professional Development Programmes	Faculty Development Programme	National	Cisco WebEx Events & Google Meet	17/01/2022	22/01/2022	Professor Indu Pal Kaur (Chairperson, UIPS& Program Coordinator&Course Coordinator, UGCNRC) & Dr Vandita Kakkar (Joint Course Coordinator, UGCNRC)
3	University Institute of Pharmaceutical Sciences	Professor Kanwaljit Chopra	Webinar on Preclinical Evaluation of Nutraceuticals in Diverse Pathologies	seminar	Others	International	Sri Lanka	12/05/2022	15/05/2022	SLALAS & CBSL, Sri Lanka

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
4	University Institute of Pharmaceutical Sciences	Professor Kanwaljit Chopra	UGC NRC training School Attaining Quality Excellence in Drug Delivery Development & Research: Emerging Trends, Tools & Techniques in Pharmaceuticals & Biopharmaceutics	Professional Development Programmes	Faculty Development Programme	National	Cisco WebEx Events & Google Meet	29/11/2021	04/12/2021	Professor Indu Pal Kaur (Chairperson, UIPS& Program Coordinator, UGCNRC); Professor Bhupinder Singh Bhoop (Course Coordinator, UGCNRC) & Dr Gurpal Singh (Joint Course Coordinator, UGCNRC)
5	University Institute of Pharmaceutical Sciences	Professor Kanwaljit Chopra	UGC NRC training School on New Era Technologies in Formulation Design Space	Professional Development Programmes	Faculty Development Programme	National	Cisco WebEx Events & Google Meet	17/01/2022	22/01/2022	Professor Indu Pal Kaur (Chairperson, UIPS& Program Coordinator&Course Coordinator, UGCNRC) & Dr Vandita Kakkar (Joint Course Coordinator, UGCNRC)
6	University Institute of Pharmaceutical Sciences	Professor Kanwaljit Chopra	UGC NRC training School on Emerging Trends and Alternatives in Pharmacological Research	Professional Development Programmes	Faculty Development Programme	National	Cisco WebEx Events	14/02/2022	19/02/2022	Professor Indu Pal Kaur (Chairperson, UIPS & Program Coordinator, UGC-NRC); Professor Anil Kumar (Course Coordinator, UGC-NRC) & Dr Anurag Kuhad (Joint Course Coordinator, UGC-NRC)
7	University Institute of Pharmaceutical Sciences	Professor Poonam Piplani	Symposium on "Women Empowerment & Gender Justice: Addressing the Equality Challenges"	symposium	Gender Equality	National	Yamunanagar	23/08/2021	27/08/2021	Guru Gobind Singh College of Pharmacy, Yamuna Nagar, Haryana,
8	University Institute of Pharmaceutical Sciences	Dr Jai Malik	Research In Sciences, Novel Tools and Methodologies	Professional Development Programmes	Faculty Development Programme	National	Chandigarh	03/08/2021	09/08/2021	HRDC, Panjab University and SGGSC, Chandigarh
9	University Institute of Pharmaceutical Sciences	Dr Jai Malik	Intellectual Property	Professional Development Programmes	Faculty Development Programme	National	Chandigarh	07/05/2022	13/05/2022	HRDC, Panjab University and SGGSC, Chandigarh
10	University Institute of Pharmaceutical Sciences	Professor Indu Pal Kaur	UGC NRC training School Attaining Quality Excellence in Drug Delivery Development & Research: Emerging Trends,	Professional Development Programmes	Faculty Development Programme	National	Chandigarh	29/11/2021	04/12/2021	Professor Indu Pal Kaur (Chairperson, UIPS& Program Coordinator, UGCNRC); Professor

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
			Tools & Techniques in Pharmaceutics & Biopharmaceutics							Bhupinder Singh Bhoop (Course Coordinator, UGCNRC) & Dr Gurpal Singh (Joint Course Coordinator, UGCNRC)
11	University Institute of Pharmaceutical Sciences	Professor Indu Pal Kaur	UGC NRC training School on New Era Technologies in Formulation Design Space	Professional Development Programmes	Faculty Development Programme	National	Cisco WebEx Events & Google Meet	17/01/2022	22/01/2022	Professor Indu Pal Kaur (Chairperson, UIPS & Program Coordinator & Course Coordinator, UGCNRC) & Dr Vandita Kakkar (Joint Course Coordinator, UGCNRC)
12	University Institute of Pharmaceutical Sciences	Professor Indu Pal Kaur	UGC NRC training School on Emerging Trends and Alternatives in Pharmacological Research	Professional Development Programmes	Faculty Development Programme	National	Cisco WebEx Events	14/02/2022	19/02/2022	Professor Indu Pal Kaur (Chairperson, UIPS & Program Coordinator, UGC-NRC); Professor Anil Kumar (Course Coordinator, UGC-NRC) & Dr Anurag Kuhad (Joint Course Coordinator, UGC-NRC)
13	University Institute of Pharmaceutical Sciences	Dr Vandita Kakkar	Re-engineering the role of Teacher as Mentor	Professional Development Programmes	Others	University	Chandigarh	22/07/2021	28/07/2021	Goswami Ganesh Dutta S.D. College, Sector-32, Chandigarh in collaboration with Human Resource Development Centre, Panjab University, Chandigarh
14	University Institute of Pharmaceutical Sciences	Dr Vandita Kakkar	Research in Sciences: Novel tools and Methodologies	Professional Development Programmes	Others	National	Chandigarh	03/08/2021	09/08/2021	Sri Guru Gobind Singh College, Sector 26, Chandigarh in collaboration with Human Resource Development Centre, Panjab University, Chandigarh
15	University Institute of Pharmaceutical Sciences	Dr Vandita Kakkar	A webinar series on seminar Startup Journey Decoded i4CGyaan Classes on		Others	National	Chandigarh	14/09/2021	15/09/2021	broadcasted by team i4C

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
16	University Institute of Pharmaceutical Sciences	Dr. Amita Sarwal	"Foundation of Pharmaceutical Innovation and Research"	Professional Development Programmes	Faculty Development Programme	National	Chandigarh	06/09/2021	10/09/2021	AICTE Training and Learning (ATAL) Academy
17	University Institute of Pharmaceutical Sciences	Dr. Amita Sarwal	UGC NRC training School on New Era Technologies in Formulation Design Space	Professional Development Programmes	Faculty Development Programme	National	Cisco WebEx Events & Google Meet	17/01/2022	22/01/2022	Professor Indu Pal Kaur (Chairperson, UIPS& Program Coordinator&Course Coordinator, UGCNRC) & Dr Vandita Kakkar (Joint Course Coordinator, UGCNRC)
18	University Institute of Pharmaceutical Sciences	Prof OM Prakash Kaatre	continuing medical education	seminar	Academic and Research Event	National	Chandigarh	31/03/2022	31/03/2022	Dermatology association of Chandigarh on Psoriasis
19	University Institute of Pharmaceutical Sciences	Dr Sandip V Pawar	GURU-DAKSHTA Faculty Induction Programme	Professional Development Programmes	Faculty Development Programme	National	Online	05/08/2021	08/09/2021	Centre for Professional Development in Higher Education (CPDHE), UGC-Human Resource Development Centre, University of Delhi, Delhi - 110 007
20	University Institute of Pharmaceutical Sciences	Dr Sandip V Pawar	UGC NRC training School on New Era Technologies in Formulation Design Space	workshop	Faculty Development Programme	National	Chandigarh	17/01/2022	22/01/2022	Professor Indu Pal Kaur (Chairperson, UIPS& Program Coordinator&Course Coordinator, UGCNRC) & Dr Vandita Kakkar (Joint Course Coordinator, UGCNRC)
21	University Institute of Pharmaceutical Sciences	Dr Sandip V Pawar	UGC NRC training School on Emerging Trends and Alternatives in Pharmacological Research	Professional Development Programmes	Faculty Development Programme	National	Cisco WebEx Events	14/02/2022	22/02/2022	Professor Indu Pal Kaur (Chairperson, UIPS & Program Coordinator, UGC-NRC); Professor Anil Kumar (Course Coordinator, UGC-NRC) & Dr Anurag Kuhad (Joint Course Coordinator, UGC-NRC)
22	University Institute of Pharmaceutical Sciences	Prof Om Prakash Katare	CME recent updates in Psoriasis	seminar	Academic and Research Event	National	Mumbai	05/06/2022	05/06/2022	IADVL Maharashtra Academy



S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
23	University Institute of Pharmaceutical Sciences	Dr Neelima Dhingra	Exploring the scope & opportunities in pharmacy	other	Academic and Research Event	State	Tangori Mohali	25/11/2021	25/11/2021	SUS group of Institutions, Tangori
24	University Institute of Pharmaceutical Sciences	Dr Neelima Dhingra	Computational Tools in drug discovery: An integrated approach	webinar	Academic and Research Event	University	Rajpura, Punjab	04/12/2021	04/12/2021	Chitkara College of Pharmacy, Chitkara, Raipura Road
25	University Institute of Pharmaceutical Sciences	Professor Ranju Bansal	ISFCO- 2021	conference	Academic and Research Event	National	ISF Moga	01/07/2021	03/07/2021	Dr G D Gupta
26	University Institute of Pharmaceutical Sciences	Dr Anurag Kuhad	STUTI AWARENESS PROGRAM	workshop	Training/Orientation	National	Panjab University, Chandigarh	23/02/2022	23/02/2022	PANJAB UNIVERSITY, CHANDIGARH
27	University Institute of Pharmaceutical Sciences	Dr Anurag Kuhad	IBRO School "Techniques in Molecular Neuroscience"	workshop	Academic and Research Event	International	Sathyabama Institute of Science & Technology, Chennai	01/03/2022	05/03/2022	Sathyabama Institute of Science & Technology, Chennai
28	University Institute of Pharmaceutical Sciences	Dr Sangeeta Pilkhwal Sah	Online FDP on Research in Sciences: Novel tools and Methodologies	Professional Development Programmes	Training/Orientation	National	Online mode	03/08/2021	09/08/2021	HRDC, Panjab University, Chandigarh
29	University Institute of Pharmaceutical Sciences	Dr Sangeeta Pilkhwal Sah	5th IBRO APRC Chandigarh Neuroscience School on Neuropsychiatric and Neurodegenerative diseases	conference	Academic and Research Event	International	Online Cisco Webex	23/08/2021	27/08/2021	UIPS, Panjab University
30	University Institute of Pharmaceutical Sciences	Dr Sangeeta Pilkhwal Sah	UGC NRC training School on Emerging Trends and Alternatives in Pharmacological Research	Professional Development Programmes	Faculty Development Programme	International	Cisco WebEx Events	14/02/2022	19/02/2022	Professor Indu Pal Kaur (Chairperson, UIPS & Program Coordinator, UGC-NRC); Professor Anil Kumar (Course Coordinator, UGC-NRC) & Dr Anurag Kuhad (Joint Course Coordinator, UGC-NRC)
31	University Institute of Pharmaceutical Sciences	Dr Neelima Dhingra	5th IBRO APRC Chandigarh Neuroscience School on Neuropsychiatric and Neurodegenerative disease	conference	Academic and Research Event	International	Chandigarh	23/08/2021	27/08/2021	UIPS, Panjab University
32	University Institute of Pharmaceutical Sciences	Professor Indu Pal Kaur	International Webinar under UIPS Expert Talk series on "The ZNF217 oncogene	webinar	Academic and Research Event	International	Cisco WebEx Events	09/07/2021	09/07/2021	Professor Indu Pal Kaur, Chairperson, UIPS

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
33	University Institute of Pharmaceutical Sciences	Professor Maninder Karan	International Webinar under UIPS Expert Talk series on "The ZNF217 oncogene is a key mediator and early indicator of metastasis in breast cancer" by Professor Pascale A. Cohen, Professor in Molecular Biology and Biotechnology Faculty of Pharm Univ of Lyon, France. Chief Guest, Professor Amanjit PGI	webinar	Academic and Research Event	International	Cisco WebEx Events	09/07/2021	09/07/2021	Professor Indu Pal Kaur, Chairperson, UIPS
34	University Institute of Pharmaceutical Sciences	Professor Kanwaljit Chopra	International Webinar under UIPS Expert Talk series on "The ZNF217 oncogene is a key mediator and early indicator of metastasis in breast cancer" by Professor Pascale A. Cohen, Professor in Molecular Biology and Biotechnology Faculty of Pharm Univ of Lyon, France. Chief Guest, Professor Amanjit PGI	webinar	Academic and Research Event	International	Cisco WebEx Events	09/07/2021	09/07/2021	Professor Indu Pal Kaur, Chairperson, UIPS
35	University Institute of Pharmaceutical Sciences	Professor Ranju Bansal	International Webinar under UIPS Expert Talk series on "The ZNF217 oncogene is a key mediator and early indicator of metastasis in breast cancer" by Professor Pascale A. Cohen, Professor in Molecular Biology	webinar	Academic and Research Event	International	Cisco WebEx Events	09/07/2021	09/07/2021	Professor Indu Pal Kaur, Chairperson, UIPS

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
			and Biotechnology Faculty of Pharm Univ of Lyon, France. Chief Guest, Professor Amanjit PGI							
36	University Institute of Pharmaceuti cal Sciences	Professor Poonam Piplani	International Webinar under UIPS Expert Talk series on “The ZNF217 oncogene is a key mediator and early indicator of metastasis in breast cancer” by Professor Pascale A. Cohen, Professor in Molecular Biology and Biotechnology Faculty of Pharm Univ of Lyon, France. Chief Guest, Professor Amanjit PGI	webinar	Academic and Research Event	Internatio nal	Cisco WebEx Events	09/07/2021	09/07/2021	Professor Indu Pal Kaur, Chairperson, UIPS
37	University Institute of Pharmaceuti cal Sciences	Professor Alka Bali	International Webinar under UIPS Expert Talk series on “The ZNF217 oncogene is a key mediator and early indicator of metastasis in breast cancer” by Professor Pascale A. Cohen, Professor in Molecular Biology and Biotechnology Faculty of Pharm Univ of Lyon, France. Chief Guest, Professor Amanjit PGI	webinar	Academic and Research Event	Internatio nal	Cisco WebEx Events	09/07/2021	09/07/2021	Professor Indu Pal Kaur, Chairperson, UIPS
38	University Institute of Pharmaceuti cal Sciences	Dr Anurag Kuhad	International Webinar under UIPS Expert Talk series on “The ZNF217 oncogene is a key mediator and early indicator of metastasis in breast cancer” by Professor Pascale A. Cohen, Professor in Molecular Biology and Biotechnology Faculty of Pharm Univ of Lyon, France. Chief Guest, Professor Amanjit PGI	webinar	Academic and Research Event	Internatio nal	Cisco WebEx Events	09/07/2021	09/07/2021	Professor Indu Pal Kaur, Chairperson, UIPS

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
39	University Institute of Pharmaceutical Sciences	Dr Neelima Dhingra	International Webinar under UIPS Expert Talk series on "The ZNF217 oncogene is a key mediator and early indicator of metastasis in breast cancer" by Professor Pascale A. Cohen, Professor in Molecular Biology and Biotechnology Faculty of Pharm Univ of Lyon, France. Chief Guest, Professor Amanjit PGI	webinar	Academic and Research Event	International	Cisco WebEx Events	09/07/2021	09/07/2021	Professor Indu Pal Kaur, Chairperson, UIPS
40	University Institute of Pharmaceutical Sciences	Dr Vandita Kakkar	International Webinar under UIPS Expert Talk series on "The ZNF217 oncogene is a key mediator and early indicator of metastasis in breast cancer" by Professor Pascale A. Cohen, Professor in Molecular Biology and Biotechnology Faculty of Pharm Univ of Lyon, France. Chief Guest, Professor Amanjit PGI	webinar	Academic and Research Event	International	Cisco WebEx Events	09/07/2021	09/07/2021	Professor Indu Pal Kaur, Chairperson, UIPS
41	University Institute of Pharmaceutical Sciences	Dr Sangeeta Pilkhwal Sah	International Webinar under UIPS Expert Talk series on "The ZNF217 oncogene is a key mediator and early indicator of metastasis in breast cancer" by Professor Pascale A. Cohen, Professor in Molecular Biology and Biotechnology Faculty of Pharm Univ of Lyon, France. Chief Guest, Professor Amanjit PGI	webinar	Academic and Research Event	International	Cisco WebEx Events	09/07/2021	09/07/2021	Professor Indu Pal Kaur, Chairperson, UIPS
42	University Institute of Pharmaceutical Sciences	Dr Gurpal Singh	International Webinar under UIPS Expert Talk series on "The ZNF217 oncogene is a key mediator and early indicator of metastasis in	webinar	Academic and Research Event	International	Cisco WebEx Events	09/07/2021	09/07/2021	Professor Indu Pal Kaur, Chairperson, UIPS

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
43	University Institute of Pharmaceutical Sciences	Dr Ashok Kumar Yadav	breast cancer” by Professor Pascale A. Cohen, Professor in Molecular Biology and Biotechnology Faculty of Pharm Univ of Lyon, France. Chief Guest, Professor Amanjit PGI International Webinar under UIPS Expert Talk series on “The ZNF217 oncogene is a key mediator and early indicator of metastasis in breast cancer” by Professor Pascale A. Cohen, Professor in Molecular Biology and Biotechnology Faculty of Pharm Univ of Lyon, France. Chief Guest, Professor Amanjit PGI	webinar	Academic and Research Event	International	Cisco WebEx Events	09/07/2021	09/07/2021	Professor Indu Pal Kaur, Chairperson, UIPS
44	University Institute of Pharmaceutical Sciences	Dr Sandip V Pawar	breast cancer” by Professor Pascale A. Cohen, Professor in Molecular Biology and Biotechnology Faculty of Pharm Univ of Lyon, France. Chief Guest, Professor Amanjit PGI International Webinar under UIPS Expert Talk series on “The ZNF217 oncogene is a key mediator and early indicator of metastasis in breast cancer” by Professor Pascale A. Cohen, Professor in Molecular Biology and Biotechnology Faculty of Pharm Univ of Lyon, France. Chief Guest, Professor Amanjit PGI	webinar	Academic and Research Event	International	Cisco WebEx Events	09/07/2021	09/07/2021	Professor Indu Pal Kaur, Chairperson, UIPS
45	University Institute of Pharmaceutical Sciences	Professor Indu Pal Kaur	Open discussion on Research, Innovation and ranking organised by Panjab University under the aegis of National Higher Education Mission (RUSA) as a part of one year celebrations of NEP 2020	other	Academic and Research Event	University	Google Meet	09/08/2021	09/08/2021	Panjab University, Convener Professor Ranju Bansal with others
46	University Institute of	Professor Indu Pal Kaur	5th IBRO-APRC Associate School on the theme	conference	Academic and Research Event	International	Cisco WebEx Events	23/08/2021	27/08/2021	Professor Indu Pal Kaur (Organising

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
	Pharmaceutical Sciences		“Neuropsychiatric and Neurodegenerative Diseases							Chair;Chairperson, UIPS) & Dr Anurag Kuhad (Organizing Secretary)
47	University Institute of Pharmaceutical Sciences	Professor O P Katare	5th IBRO-APRC Associate School on the theme “Neuropsychiatric and Neurodegenerative Diseases	conference	Academic and Research Event	International	Cisco WebEx Events	23/08/2021	27/08/2021	Professor Indu Pal Kaur (Organising Chair;Chairperson, UIPS) & Dr Anurag Kuhad (Organizing Secretary)
48	University Institute of Pharmaceutical Sciences	Professor V R Sinha	5th IBRO-APRC Associate School on the theme “Neuropsychiatric and Neurodegenerative Diseases	conference	Academic and Research Event	International	Cisco WebEx Events	23/08/2021	27/08/2021	Professor Indu Pal Kaur (Organising Chair;Chairperson, UIPS) & Dr Anurag Kuhad (Organizing Secretary)
49	University Institute of Pharmaceutical Sciences	Professor Bhupinder Singh Bhoop	5th IBRO-APRC Associate School on the theme “Neuropsychiatric and Neurodegenerative Diseases	conference	Academic and Research Event	International	Cisco WebEx Events	23/08/2021	27/08/2021	Professor Indu Pal Kaur (Organising Chair;Chairperson, UIPS) & Dr Anurag Kuhad (Organizing Secretary)
50	University Institute of Pharmaceutical Sciences	Professor Kanwaljit Chopra	5th IBRO-APRC Associate School on the theme “Neuropsychiatric and Neurodegenerative Diseases	conference	Academic and Research Event	International	Cisco WebEx Events	23/08/2021	27/08/2021	Professor Indu Pal Kaur (Organising Chair;Chairperson, UIPS) & Dr Anurag Kuhad (Organizing Secretary)
51	University Institute of Pharmaceutical Sciences	Professor Anil Kumar	5th IBRO-APRC Associate School on the theme “Neuropsychiatric and Neurodegenerative Diseases	conference	Academic and Research Event	International	Cisco WebEx Events	23/08/2021	27/08/2021	Professor Indu Pal Kaur (Organising Chair;Chairperson, UIPS) & Dr Anurag Kuhad (Organizing Secretary)
52	University Institute of Pharmaceutical Sciences	Professor Ranju Bansal	5th IBRO-APRC Associate School on the theme “Neuropsychiatric and Neurodegenerative Diseases	conference	Academic and Research Event	International	Cisco WebEx Events	23/08/2021	27/08/2021	Professor Indu Pal Kaur (Organising Chair;Chairperson, UIPS) & Dr Anurag Kuhad (Organizing Secretary)
53	University Institute of Pharmaceutical Sciences	Professor Poonam Piplani	5th IBRO-APRC Associate School on the theme “Neuropsychiatric and Neurodegenerative Diseases	conference	Academic and Research Event	International	Cisco WebEx Events	23/08/2021	27/08/2021	Professor Indu Pal Kaur (Organising Chair;Chairperson, UIPS) & Dr Anurag Kuhad (Organizing Secretary)

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
54	University Institute of Pharmaceutical Sciences	Dr Anurag Kuhad	5th IBRO-APRC Associate School on the theme "Neuropsychiatric and Neurodegenerative Diseases	conference	Academic and Research Event	International	Cisco WebEx Events	23/08/2021	27/08/2021	Professor Indu Pal Kaur (Organising Chair;Chairperson, UIPS) & Dr Anurag Kuhad (Organizing Secretary)
55	University Institute of Pharmaceutical Sciences	Dr Amita Sarwal	5th IBRO-APRC Associate School on the theme "Neuropsychiatric and Neurodegenerative Diseases	conference	Academic and Research Event	International	Cisco WebEx Events	23/08/2021	27/08/2021	Professor Indu Pal Kaur (Organising Chair;Chairperson, UIPS) & Dr Anurag Kuhad (Organizing Secretary)
56	University Institute of Pharmaceutical Sciences	Dr Ashok Kumar Yadav	5th IBRO-APRC Associate School on the theme "Neuropsychiatric and Neurodegenerative Diseases	conference	Academic and Research Event	International	Cisco WebEx Events	23/08/2021	27/08/2021	Professor Indu Pal Kaur (Organising Chair;Chairperson, UIPS) & Dr Anurag Kuhad (Organizing Secretary)
57	University Institute of Pharmaceutical Sciences	Professor Ranju Bansal	Open discussion on Research, Innovation and ranking organised by Panjab University under the aegis of National Higher Education Mission (RUSA) as a part of one year celebrations of NEP 2020	other	Academic and Research Event	University	Google Meet	09/08/2021	09/08/2021	Panjab University, Convener Professor Ranju Bansal with others
58	University Institute of Pharmaceutical Sciences	Professor Indu Pal Kaur	MHRD'S Institution's Innovation Council (IIC-UIPS), World Entrepreneurs' Day Celebrations (An MIC driven activity) - Webinar by Professor Om Prakash Katare, Professor of Pharmaceutics and Former Chairperson, UIPS, Ex-Director, Research Promotion Cell, PU Topic: Academic Entrepreneurship	webinar	Academic and Research Event	National	Cisco WebEx Events	24/08/2021	24/08/2021	Professor Indu Pal Kaur (Chairperson, UIPS & President IIC-UIPS)
59	University Institute of Pharmaceutical Sciences	Professor O P Katare	MHRD'S Institution's Innovation Council (IIC-UIPS), World Entrepreneurs' Day Celebrations (An MIC driven activity) - Webinar	webinar	Academic and Research Event	National	Cisco WebEx Events	24/08/2021	24/08/2021	Professor Indu Pal Kaur, Chairperson, UIPS

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
			by Professor Om Prakash Katare, Professor of Pharmaceutics and Former Chairperson, UIPS, Ex-Director, Research Promotion Cell, PU Topic: Academic Entrepreneurship							
60	University Institute of Pharmaceutical Sciences	Professor Poonam Piplani	MHRD'S Institution's Innovation Council (IIC-UIPS), World Entrepreneurs' Day Celebrations (An MIC driven activity) - Webinar by Professor Om Prakash Katare, Professor of Pharmaceutics and Former Chairperson, UIPS, Ex-Director, Research Promotion Cell, PU Topic: Academic Entrepreneurship	webinar	Academic and Research Event	National	Cisco WebEx Events	24/08/2021	24/08/2021	Professor Indu Pal Kaur, Chairperson, UIPS
61	University Institute of Pharmaceutical Sciences	Dr Vandita Kakkur	MHRD'S Institution's Innovation Council (IIC-UIPS), World Entrepreneurs' Day Celebrations (An MIC driven activity) - Webinar by Professor Om Prakash Katare, Professor of Pharmaceutics and Former Chairperson, UIPS, Ex-Director, Research Promotion Cell, PU Topic: Academic Entrepreneurship	webinar	Academic and Research Event	National	Cisco WebEx Events	24/08/2021	24/08/2021	Professor Indu Pal Kaur, Chairperson, UIPS
62	University Institute of Pharmaceutical Sciences	Dr Amita Sarwal	MHRD'S Institution's Innovation Council (IIC-UIPS), World Entrepreneurs' Day Celebrations (An MIC driven activity) - Webinar by Professor Om Prakash Katare, Professor of Pharmaceutics and Former Chairperson, UIPS, Ex-Director, Research	webinar	Academic and Research Event	National	Cisco WebEx Events	24/08/2021	24/08/2021	Professor Indu Pal Kaur, Chairperson, UIPS



S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
			Promotion Cell, PU Topic: Academic Entrepreneurship							
63	University Institute of Pharmaceuti cal Sciences	Professor Indu Pal Kaur	International Webinar under UIPS Expert Talk series on “Pharmaceuticals Service Industry – The Multiverse of Opportunities” by Mr Manish Arora, Associate Director, IQVIA, UK	webinar	Academic and Research Event	Internatio nal	Cisco WebEx Events	14/08/2021	14/08/2021	Professor Indu Pal Kaur, Chairperson, UIPS
64	University Institute of Pharmaceuti cal Sciences	Professor Ranju Bansal	International Webinar under UIPS Expert Talk series on “Pharmaceuticals Service Industry – The Multiverse of Opportunities” by Mr Manish Arora, Associate Director, IQVIA, UK	webinar	Academic and Research Event	Internatio nal	Cisco WebEx Events	14/08/2021	14/08/2021	Professor Indu Pal Kaur, Chairperson, UIPS
65	University Institute of Pharmaceuti cal Sciences	Professor Poonam Piplani	International Webinar under UIPS Expert Talk series on “Pharmaceuticals Service Industry – The Multiverse of Opportunities” by Mr Manish Arora, Associate Director, IQVIA, UK	webinar	Academic and Research Event	Internatio nal	Cisco WebEx Events	14/08/2021	14/08/2021	Professor Indu Pal Kaur, Chairperson, UIPS
66	University Institute of Pharmaceuti cal Sciences	Professor Alka Bali	International Webinar under UIPS Expert Talk series on “Pharmaceuticals Service Industry – The Multiverse of Opportunities” by Mr Manish Arora, Associate Director, IQVIA, UK	webinar	Academic and Research Event	Internatio nal	Cisco WebEx Events	14/08/2021	14/08/2021	Professor Indu Pal Kaur, Chairperson, UIPS
67	University Institute of Pharmaceuti cal Sciences	Dr Anurag Kuhad	International Webinar under UIPS Expert Talk series on “Pharmaceuticals Service Industry – The Multiverse of Opportunities” by Mr Manish Arora, Associate Director, IQVIA, UK	webinar	Academic and Research Event	Internatio nal	Cisco WebEx Events	14/08/2021	14/08/2021	Professor Indu Pal Kaur, Chairperson, UIPS
68	University Institute of Pharmaceuti cal Sciences	Dr Jai Malik	International Webinar under UIPS Expert Talk series on “Pharmaceuticals Service Industry –	webinar	Academic and Research Event	Internatio nal	Cisco WebEx Events	14/08/2021	14/08/2021	Professor Indu Pal Kaur, Chairperson, UIPS

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
			The Multiverse of Opportunities” by Mr Manish Arora, Associate Director, IQVIA, UK							
69	University Institute of Pharmaceutical Sciences	Dr Vandita Kakkar	International Webinar under UIPS Expert Talk series on “Pharmaceuticals Service Industry – The Multiverse of Opportunities” by Mr Manish Arora, Associate Director, IQVIA, UK	webinar	Academic and Research Event	International	Cisco WebEx Events	14/08/2021	14/08/2021	Professor Indu Pal Kaur, Chairperson, UIPS
70	University Institute of Pharmaceutical Sciences	Dr Amita Sarwal	International Webinar under UIPS Expert Talk series on “Pharmaceuticals Service Industry – The Multiverse of Opportunities” by Mr Manish Arora, Associate Director, IQVIA, UK	webinar	Academic and Research Event	International	Cisco WebEx Events	14/08/2021	14/08/2021	Professor Indu Pal Kaur, Chairperson, UIPS
71	University Institute of Pharmaceutical Sciences	Dr Sangeeta Pilkhwal Sah	International Webinar under UIPS Expert Talk series on “Pharmaceuticals Service Industry – The Multiverse of Opportunities” by Mr Manish Arora, Associate Director, IQVIA, UK	webinar	Academic and Research Event	International	Cisco WebEx Events	14/08/2021	14/08/2021	Professor Indu Pal Kaur, Chairperson, UIPS
72	University Institute of Pharmaceutical Sciences	Professor Renu Chadha	Webinar under UIPS Expert Talk series on “ANDA Process – Role of Analytical Research” by Mr Shital Pathak, Vice President & Head Analytical R&D, Glenmark Pharmaceuticals, Mumbai	webinar	Academic and Research Event	National	Cisco WebEx Events	28/08/2021	28/08/2021	Professor Indu Pal Kaur, Chairperson, UIPS
73	University Institute of Pharmaceutical Sciences	Professor Poonam Piplani	Webinar under UIPS Expert Talk series on “ANDA Process – Role of Analytical Research” by Mr Shital Pathak, Vice President & Head Analytical R&D, Glenmark Pharmaceuticals, Mumbai	webinar	Academic and Research Event	National	Cisco WebEx Events	28/08/2021	28/08/2021	Professor Indu Pal Kaur, Chairperson, UIPS

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
74	University Institute of Pharmaceutical Sciences	Professor Alka Bali	Webinar under UIPS Expert Talk series on "ANDA Process – Role of Analytical Research" by Mr Shital Pathak, Vice President & Head Analytical R&D, Glenmark Pharmaceuticals, Mumbai	webinar	Academic and Research Event	National	Cisco WebEx Events	28/08/2021	28/08/2021	Professor Indu Pal Kaur, Chairperson, UIPS
75	University Institute of Pharmaceutical Sciences	Dr Anurag Kuhad	Webinar under UIPS Expert Talk series on "ANDA Process – Role of Analytical Research" by Mr Shital Pathak, Vice President & Head Analytical R&D, Glenmark Pharmaceuticals, Mumbai	webinar	Academic and Research Event	National	Cisco WebEx Events	28/08/2021	28/08/2021	Professor Indu Pal Kaur, Chairperson, UIPS
76	University Institute of Pharmaceutical Sciences	Dr Neelima Dhingra	Webinar under UIPS Expert Talk series on "ANDA Process – Role of Analytical Research" by Mr Shital Pathak, Vice President & Head Analytical R&D, Glenmark Pharmaceuticals, Mumbai	webinar	Academic and Research Event	National	Cisco WebEx Events	28/08/2021	28/08/2021	Professor Indu Pal Kaur, Chairperson, UIPS
77	University Institute of Pharmaceutical Sciences	Dr Ashwani Kumar	Webinar under UIPS Expert Talk series on "ANDA Process – Role of Analytical Research" by Mr Shital Pathak, Vice President & Head Analytical R&D, Glenmark Pharmaceuticals, Mumbai	webinar	Academic and Research Event	National	Cisco WebEx Events	28/08/2021	28/08/2021	Professor Indu Pal Kaur, Chairperson, UIPS
78	University Institute of Pharmaceutical Sciences	Dr Sangeeta Pilkhwal Sah	Webinar under UIPS Expert Talk series on "ANDA Process – Role of Analytical Research" by Mr Shital Pathak, Vice President & Head Analytical R&D, Glenmark Pharmaceuticals, Mumbai	webinar	Academic and Research Event	National	Cisco WebEx Events	28/08/2021	28/08/2021	Professor Indu Pal Kaur, Chairperson, UIPS

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
79	University Institute of Pharmaceutical Sciences	Dr Vandita Kakkar	Webinar under UIPS Expert Talk series on "ANDA Process – Role of Analytical Research" by Mr Shital Pathak, Vice President & Head Analytical R&D, Glenmark Pharmaceuticals, Mumbai	webinar	Academic and Research Event	National	Cisco WebEx Events	28/08/2021	28/08/2021	Professor Indu Pal Kaur, Chairperson, UIPS
80	University Institute of Pharmaceutical Sciences	Professor Indu Pal Kaur	Webinar on "Pharmacovigilance Basic Method Practices and Pharmacovigilance Programme of India" by Professor Bikash Medhi, Coordinator - PGIMER Pharmacovigilance Centre Regional Resource and Training & Technical Support Centre for North India; Professor, Dept of Pharmacology & AMS. PGIMER	webinar	Academic and Research Event	National	Cisco WebEx Events	18/09/2021	18/09/2021	Professor Indu Pal Kaur (Chairperson, UIPS & Secretary IPA Pb branch); Professor Kanwaljit Chopra (Head, Pharmacology) & Professor Poonam Piplani (Convener, Lecture Organizing Team)
81	University Institute of Pharmaceutical Sciences	Professor Kanwaljit Chopra	Webinar on "Pharmacovigilance Basic Method Practices and Pharmacovigilance Programme of India" by Professor Bikash Medhi, Coordinator - PGIMER Pharmacovigilance Centre Regional Resource and Training & Technical Support Centre for North India; Professor, Dept of Pharmacology & AMS. PGIMER	webinar	Academic and Research Event	National	Cisco WebEx Events	18/09/2021	18/09/2021	Professor Indu Pal Kaur (Chairperson, UIPS & Secretary IPA Pb branch); Professor Kanwaljit Chopra (Head, Pharmacology) & Professor Poonam Piplani (Convener, Lecture Organizing Team)
82	University Institute of Pharmaceutical Sciences	Professor Ranju Bansal	Webinar on "Pharmacovigilance Basic Method Practices and Pharmacovigilance Programme of India" by Professor Bikash Medhi, Coordinator - PGIMER Pharmacovigilance Centre Regional	webinar	Academic and Research Event	National	Cisco WebEx Events	18/09/2021	18/09/2021	Professor Indu Pal Kaur (Chairperson, UIPS & Secretary IPA Pb branch); Professor Kanwaljit Chopra (Head, Pharmacology) & Professor Poonam Piplani

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
			Resource and Training & Technical Support Centre for North India; Professor, Dept of Pharmacology & AMS. PGIMER							(Convener, Lecture Organizing Team
83	University Institute of Pharmaceutical Sciences	Professor Poonam Piplani	Webinar on “Pharmacovigilance Basic Method Practices and Pharmacovigilance Programme of India” by Professor Bikash Medhi, Coordinator - PGIMER Pharmacovigilance Centre Regional Resource and Training & Technical Support Centre for North India; Professor, Dept of Pharmacology & AMS. PGIMER	webinar	Academic and Research Event	National	Cisco WebEx Events	18/09/2021	18/09/2021	Professor Indu Pal Kaur (Chairperson, UIPS & Secretary IPA Pb branch); Professor Kanwaljit Chopra (Head, Pharmacology) & Professor Poonam Piplani (Convener, Lecture Organizing Team
84	University Institute of Pharmaceutical Sciences	Professor Alka Bali	Webinar on “Pharmacovigilance Basic Method Practices and Pharmacovigilance Programme of India” by Professor Bikash Medhi, Coordinator - PGIMER Pharmacovigilance Centre Regional Resource and Training & Technical Support Centre for North India; Professor, Dept of Pharmacology & AMS. PGIMER	webinar	Academic and Research Event	National	Cisco WebEx Events	18/09/2021	18/09/2021	Professor Indu Pal Kaur (Chairperson, UIPS & Secretary IPA Pb branch); Professor Kanwaljit Chopra (Head, Pharmacology) & Professor Poonam Piplani (Convener, Lecture Organizing Team
85	University Institute of Pharmaceutical Sciences	Dr Anurag Kuhad	Webinar on “Pharmacovigilance Basic Method Practices and Pharmacovigilance Programme of India” by Professor Bikash Medhi, Coordinator - PGIMER Pharmacovigilance Centre Regional Resource and Training & Technical Support Centre for North India; Professor,	webinar	Academic and Research Event	National	Cisco WebEx Events	18/09/2021	18/09/2021	Professor Indu Pal Kaur (Chairperson, UIPS & Secretary IPA Pb branch); Professor Kanwaljit Chopra (Head, Pharmacology) & Professor Poonam Piplani (Convener, Lecture Organizing Team

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
86	University Institute of Pharmaceutical Sciences	Dr Neelima Dhingra	Dept of Pharmacology & AMS. PGIMER Webinar on “Pharmacovigilance Basic Method Practices and Pharmacovigilance Programme of India” by Professor Bikash Medhi, Coordinator - PGIMER Pharmacovigilance Centre Regional Resource and Training & Technical Support Centre for North India; Professor, Dept of Pharmacology & AMS. PGIMER	webinar	Academic and Research Event	National	Cisco WebEx Events	18/09/2021	18/09/2021	Professor Indu Pal Kaur (Chairperson, UIPS & Secretary IPA Pb branch); Professor Kanwaljit Chopra (Head, Pharmacology) & Professor Poonam Piplani (Convener, Lecture Organizing Team)
87	University Institute of Pharmaceutical Sciences	Dr Sangeeta Pilkhwal Sah	Webinar on “Pharmacovigilance Basic Method Practices and Pharmacovigilance Programme of India” by Professor Bikash Medhi, Coordinator - PGIMER Pharmacovigilance Centre Regional Resource and Training & Technical Support Centre for North India; Professor, Dept of Pharmacology & AMS. PGIMER	webinar	Academic and Research Event	National	Cisco WebEx Events	18/09/2021	18/09/2021	Professor Indu Pal Kaur (Chairperson, UIPS & Secretary IPA Pb branch); Professor Kanwaljit Chopra (Head, Pharmacology) & Professor Poonam Piplani (Convener, Lecture Organizing Team)
88	University Institute of Pharmaceutical Sciences	Dr Ashok Kumar Yadav	Webinar on “Pharmacovigilance Basic Method Practices and Pharmacovigilance Programme of India” by Professor Bikash Medhi, Coordinator - PGIMER Pharmacovigilance Centre Regional Resource and Training & Technical Support Centre for North India; Professor, Dept of Pharmacology & AMS. PGIMER	webinar	Academic and Research Event	National	Cisco WebEx Events	18/09/2021	18/09/2021	Professor Indu Pal Kaur (Chairperson, UIPS & Secretary IPA Pb branch); Professor Kanwaljit Chopra (Head, Pharmacology) & Professor Poonam Piplani (Convener, Lecture Organizing Team)

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
89	University Institute of Pharmaceutical Sciences	Dr Ranjana Bhandari	Webinar on "Pharmacovigilance Basic Method Practices and Pharmacovigilance Programme of India" by Professor Bikash Medhi, Coordinator - PGIMER Pharmacovigilance Centre Regional Resource and Training & Technical Support Centre for North India; Professor, Dept of Pharmacology & AMS, PGIMER	webinar	Academic and Research Event	National	Cisco WebEx Events	18/09/2021	18/09/2021	Professor Indu Pal Kaur (Chairperson, UIPS & Secretary IPA Pb branch); Professor Kanwaljit Chopra (Head, Pharmacology) & Professor Poonam Piplani (Convener, Lecture Organizing Team
90	University Institute of Pharmaceutical Sciences	Professor Indu Pal Kaur	Webinar on Pharmacovigilance: Vanguard for patient safety by Mr Gurpreet Singh, Associate Director, Medical Writing, Parexel, Chandigarh	webinar	Social Issues	National	Cisco WebEx Events	23/09/2021	23/09/2021	Professor Indu Pal Kaur (Chairperson, UIPS & Secretary IPA Pb branch); Professor Kanwaljit Chopra (Head, Pharmacology) & Professor Poonam Piplani (Convener, Lecture Organizing Team
91	University Institute of Pharmaceutical Sciences	Professor Kanwaljit Chopra	Webinar on Pharmacovigilance: Vanguard for patient safety by Mr Gurpreet Singh, Associate Director, Medical Writing, Parexel, Chandigarh	webinar	Social Issues	National	Cisco WebEx Events	23/09/2021	23/09/2021	Professor Indu Pal Kaur (Chairperson, UIPS & Secretary IPA Pb branch); Professor Kanwaljit Chopra (Head, Pharmacology) & Professor Poonam Piplani (Convener, Lecture Organizing Team
92	University Institute of Pharmaceutical Sciences	Professor Ranju Bansal	Webinar on Pharmacovigilance: Vanguard for patient safety by Mr Gurpreet Singh, Associate Director, Medical Writing, Parexel, Chandigarh	webinar	Social Issues	National	Cisco WebEx Events	23/09/2021	23/09/2021	Professor Indu Pal Kaur (Chairperson, UIPS & Secretary IPA Pb branch); Professor Kanwaljit Chopra (Head, Pharmacology) & Professor Poonam Piplani (Convener,

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
93	University Institute of Pharmaceutical Sciences	Professor Poonam Piplani	Webinar on Pharmacovigilance: Vanguard for patient safety by Mr Gurpreet Singh, Associate Director, Medical Writing, Parexel, Chandigarh	webinar	Social Issues	National	Cisco WebEx Events	23/09/2021	23/09/2021	Lecture Organizing Team Professor Indu Pal Kaur (Chairperson, UIPS & Secretary IPA Pb branch); Professor Kanwaljit Chopra (Head, Pharmacology) & Professor Poonam Piplani (Convener, Lecture Organizing Team)
94	University Institute of Pharmaceutical Sciences	Professor Alka Bali	Webinar on Pharmacovigilance: Vanguard for patient safety by Mr Gurpreet Singh, Associate Director, Medical Writing, Parexel, Chandigarh	webinar	Social Issues	National	Cisco WebEx Events	23/09/2021	23/09/2021	Professor Indu Pal Kaur (Chairperson, UIPS & Secretary IPA Pb branch); Professor Kanwaljit Chopra (Head, Pharmacology) & Professor Poonam Piplani (Convener, Lecture Organizing Team)
95	University Institute of Pharmaceutical Sciences	Dr Anurag Kuhad	Webinar on Pharmacovigilance: Vanguard for patient safety by Mr Gurpreet Singh, Associate Director, Medical Writing, Parexel, Chandigarh	webinar	Social Issues	National	Cisco WebEx Events	23/09/2021	23/09/2021	Professor Indu Pal Kaur (Chairperson, UIPS & Secretary IPA Pb branch); Professor Kanwaljit Chopra (Head, Pharmacology) & Professor Poonam Piplani (Convener, Lecture Organizing Team)
96	University Institute of Pharmaceutical Sciences	Professor Anil Kumar	Webinar on Pharmacovigilance: Vanguard for patient safety by Mr Gurpreet Singh, Associate Director, Medical Writing, Parexel, Chandigarh	webinar	Social Issues	National	Cisco WebEx Events	23/09/2021	23/09/2021	Professor Indu Pal Kaur (Chairperson, UIPS & Secretary IPA Pb branch); Professor Kanwaljit Chopra (Head, Pharmacology) & Professor Poonam Piplani (Convener, Lecture Organizing Team)



S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
97	University Institute of Pharmaceutical Sciences	Dr Neelima Dhingra	Webinar on Pharmacovigilance: Vanguard for patient safety by Mr Gurpreet Singh, Associate Director, Medical Writing, Parexel, Chandigarh	webinar	Social Issues	National	Cisco WebEx Events	23/09/2021	23/09/2021	Organizing Team Professor Indu Pal Kaur (Chairperson, UIPS & Secretary IPA Pb branch); Professor Kanwaljit Chopra (Head, Pharmacology) & Professor Poonam Piplani (Convener, Lecture Organizing Team)
98	University Institute of Pharmaceutical Sciences	Dr Vandita Kakkar	Webinar on Pharmacovigilance: Vanguard for patient safety by Mr Gurpreet Singh, Associate Director, Medical Writing, Parexel, Chandigarh	webinar	Social Issues	National	Cisco WebEx Events	23/09/2021	23/09/2021	Professor Indu Pal Kaur (Chairperson, UIPS & Secretary IPA Pb branch); Professor Kanwaljit Chopra (Head, Pharmacology) & Professor Poonam Piplani (Convener, Lecture Organizing Team)
99	University Institute of Pharmaceutical Sciences	Dr Amita Sarwal	Webinar on Pharmacovigilance: Vanguard for patient safety by Mr Gurpreet Singh, Associate Director, Medical Writing, Parexel, Chandigarh	webinar	Social Issues	National	Cisco WebEx Events	23/09/2021	23/09/2021	Professor Indu Pal Kaur (Chairperson, UIPS & Secretary IPA Pb branch); Professor Kanwaljit Chopra (Head, Pharmacology) & Professor Poonam Piplani (Convener, Lecture Organizing Team)
100	University Institute of Pharmaceutical Sciences	Dr Sangeeta Pilkhwal Sah	Webinar on Pharmacovigilance: Vanguard for patient safety by Mr Gurpreet Singh, Associate Director, Medical Writing, Parexel, Chandigarh	webinar	Social Issues	National	Cisco WebEx Events	23/09/2021	23/09/2021	Professor Indu Pal Kaur (Chairperson, UIPS & Secretary IPA Pb branch); Professor Kanwaljit Chopra (Head, Pharmacology) & Professor Poonam Piplani (Convener, Lecture Organizing Team)

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
101	University Institute of Pharmaceutical Sciences	Dr Ashok Kumar Yadav	Webinar on Pharmacovigilance: Vanguard for patient safety by Mr Gurpreet Singh, Associate Director, Medical Writing, Parexel, Chandigarh	webinar	Social Issues	National	Cisco WebEx Events	23/09/2021	23/09/2021	Organizing Team Professor Indu Pal Kaur (Chairperson, UIPS & Secretary IPA Pb branch); Professor Kanwaljit Chopra (Head, Pharmacology) & Professor Poonam Piplani (Convener, Lecture Organizing Team)
102	University Institute of Pharmaceutical Sciences	Professor Indu Pal Kaur	World Pharmacist Day celebrations – Webinar on “Regulatory affairs and its role in pharmaceutical industry” by Dr Vibha Malhotra, Regulatory Affairs, Pfizer/Viatris, Sydney, Australia	webinar	Academic and Research Event	International	Cisco WebEx Events	25/09/2021	25/09/2021	Professor Indu Pal Kaur, Chairperson, UIPS
103	University Institute of Pharmaceutical Sciences	Professor Anil Kumar	World Pharmacist Day celebrations – Webinar on “Regulatory affairs and its role in pharmaceutical industry” by Dr Vibha Malhotra, Regulatory Affairs, Pfizer/Viatris, Sydney, Australia	webinar	Academic and Research Event	International	Cisco WebEx Events	25/09/2021	25/09/2021	Professor Indu Pal Kaur, Chairperson, UIPS
104	University Institute of Pharmaceutical Sciences	Professor Ranju Bansal	World Pharmacist Day celebrations – Webinar on “Regulatory affairs and its role in pharmaceutical industry” by Dr Vibha Malhotra, Regulatory Affairs, Pfizer/Viatris, Sydney, Australia	webinar	Academic and Research Event	National	Cisco WebEx Events	25/09/2021	25/09/2021	Professor Indu Pal Kaur, Chairperson, UIPS
105	University Institute of Pharmaceutical Sciences	Professor Poonam Piplani	World Pharmacist Day celebrations – Webinar on “Regulatory affairs and its role in pharmaceutical industry” by Dr Vibha Malhotra, Regulatory Affairs, Pfizer/Viatris, Sydney, Australia	webinar	Academic and Research Event	International	Cisco WebEx Events	25/09/2021	25/09/2021	Professor Indu Pal Kaur, Chairperson, UIPS

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
106	University Institute of Pharmaceutical Sciences	Professor Maninder Karan	World Pharmacist Day celebrations – Webinar on “Regulatory affairs and its role in pharmaceutical industry” by Dr Vibha Malhotra, Regulatory Affairs, Pfizer/Viatris, Sydney, Australia	webinar	Academic and Research Event	International	Cisco WebEx Events	25/09/2021	25/09/2021	Professor Indu Pal Kaur, Chairperson, UIPS
107	University Institute of Pharmaceutical Sciences	Professor Alka Bali	World Pharmacist Day celebrations – Webinar on “Regulatory affairs and its role in pharmaceutical industry” by Dr Vibha Malhotra, Regulatory Affairs, Pfizer/Viatris, Sydney, Australia	webinar	Academic and Research Event	International	Cisco WebEx Events	25/09/2021	25/09/2021	Professor Indu Pal Kaur, Chairperson, UIPS
108	University Institute of Pharmaceutical Sciences	Dr Anurag Kuhad	World Pharmacist Day celebrations – Webinar on “Regulatory affairs and its role in pharmaceutical industry” by Dr Vibha Malhotra, Regulatory Affairs, Pfizer/Viatris, Sydney, Australia	webinar	Academic and Research Event	International	Cisco WebEx Events	25/09/2021	25/09/2021	Professor Indu Pal Kaur, Chairperson, UIPS
109	University Institute of Pharmaceutical Sciences	Dr Neelima Dhingra	World Pharmacist Day celebrations – Webinar on “Regulatory affairs and its role in pharmaceutical industry” by Dr Vibha Malhotra, Regulatory Affairs, Pfizer/Viatris, Sydney, Australia	webinar	Academic and Research Event	International	Cisco WebEx Events	25/09/2021	25/09/2021	Professor Indu Pal Kaur, Chairperson, UIPS
110	University Institute of Pharmaceutical Sciences	Dr Ashwani Kumar	World Pharmacist Day celebrations – Webinar on “Regulatory affairs and its role in pharmaceutical industry” by Dr Vibha Malhotra, Regulatory Affairs, Pfizer/Viatris, Sydney, Australia	webinar	Academic and Research Event	International	Cisco WebEx Events	25/09/2021	25/09/2021	Professor Indu Pal Kaur, Chairperson, UIPS
111	University Institute of Pharmaceutical Sciences	Dr Vandita Kakkar	World Pharmacist Day celebrations – Webinar on “Regulatory affairs and its role in pharmaceutical industry” by Dr Vibha Malhotra, Regulatory Affairs,	webinar	Academic and Research Event	International	Cisco WebEx Events	25/09/2021	25/09/2021	Professor Indu Pal Kaur, Chairperson, UIPS

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
112	University Institute of Pharmaceutical Sciences	Dr Amita Sarwal	Pfizer/Viatris, Sydney, Australia World Pharmacist Day celebrations – Webinar on “Regulatory affairs and its role in pharmaceutical industry” by Dr Vibha Malhotra, Regulatory Affairs, Pfizer/Viatris, Sydney, Australia	webinar	Academic and Research Event	International	Cisco WebEx Events	25/09/2021	25/09/2021	Professor Indu Pal Kaur, Chairperson, UIPS
113	University Institute of Pharmaceutical Sciences	Dr Sangeeta Pilkhwah Sah	World Pharmacist Day celebrations – Webinar on “Regulatory affairs and its role in pharmaceutical industry” by Dr Vibha Malhotra, Regulatory Affairs, Pfizer/Viatris, Sydney, Australia	webinar	Academic and Research Event	International	Cisco WebEx Events	25/09/2021	25/09/2021	Professor Indu Pal Kaur, Chairperson, UIPS
114	University Institute of Pharmaceutical Sciences	Dr Ashok Kumar Yadav	World Pharmacist Day celebrations – Webinar on “Regulatory affairs and its role in pharmaceutical industry” by Dr Vibha Malhotra, Regulatory Affairs, Pfizer/Viatris, Sydney, Australia	webinar	Academic and Research Event	International	Cisco WebEx Events	25/09/2021	25/09/2021	Professor Indu Pal Kaur, Chairperson, UIPS
115	University Institute of Pharmaceutical Sciences	Dr Sandip V Pawar	World Pharmacist Day celebrations – Webinar on “Regulatory affairs and its role in pharmaceutical industry” by Dr Vibha Malhotra, Regulatory Affairs, Pfizer/Viatris, Sydney, Australia	webinar	Academic and Research Event	International	Cisco WebEx Events	25/09/2021	25/09/2021	Professor Indu Pal Kaur, Chairperson, UIPS
116	University Institute of Pharmaceutical Sciences	Dr Ranjana Bhandari	World Pharmacist Day celebrations – Webinar on “Regulatory affairs and its role in pharmaceutical industry” by Dr Vibha Malhotra, Regulatory Affairs, Pfizer/Viatris, Sydney, Australia	webinar	Academic and Research Event	International	Cisco WebEx Events	25/09/2021	25/09/2021	Professor Indu Pal Kaur, Chairperson, UIPS
117	University Institute of Pharmaceutical Sciences	Professor Indu Pal Kaur	IPR Workshop organized by TEC & CIIPP, Panjab University, Chandigarh. Speaker: Er Kompal Bansal,	webinar	Academic and Research Event	National	Cisco WebEx Events	21/07/2021	21/07/2021	TEC, PU

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
			Founder Partner of Bansal IP Associates, Registered Patent and trademark agent, India. Faculty Coordinator, Professor Manu Sharma and Professor Sarabjeet Singh							
118	University Institute of Pharmaceutical Sciences	Professor Indu Pal Kaur	60th National Pharmacy Week celebrations: Valedictory talk on the theme 'Pharmacist: Integral part of Healthcare' by guest speaker Professor Rajendra B Kakde, Advisor-I, Approval Bureau Head, All India Council for Technical Education, New Delhi	webinar	Universal Values and Ethics	National	Cisco WebEx Events	21/11/2021	27/11/2021	Prof. O. P. Katare (President, IPA, Punjab branch), Prof. Bhupinder Singh Bhoop (Vice President, IPA, Punjab branch), and Prof. Indu Pal Kaur (Chairperson UIPS; President, IIC-UIPS; Secretary, IPA, Pb
119	University Institute of Pharmaceutical Sciences	Prof. O. P. Katare	60th National Pharmacy Week celebrations: Valedictory talk on the theme 'Pharmacist: Integral part of Healthcare' by guest speaker Professor Rajendra B Kakde, Advisor-I, Approval Bureau Head, All India Council for Technical Education, New Delhi	webinar	Universal Values and Ethics	National	Cisco WebEx Events	21/11/2021	27/11/2021	Prof. O. P. Katare (President, IPA, Punjab branch), Prof. Bhupinder Singh Bhoop (Vice President, IPA, Punjab branch), and Prof. Indu Pal Kaur (Chairperson UIPS; President, IIC-UIPS; Secretary, IPA, Pb
120	University Institute of Pharmaceutical Sciences	Professor V R Sinha	60th National Pharmacy Week celebrations: Valedictory talk on the theme 'Pharmacist: Integral part of Healthcare' by guest speaker Professor Rajendra B Kakde, Advisor-I, Approval Bureau Head, All India Council for Technical Education, New Delhi	webinar	Universal Values and Ethics	National	Cisco WebEx Events	21/11/2021	27/11/2021	Prof. O. P. Katare (President, IPA, Punjab branch), Prof. Bhupinder Singh Bhoop (Vice President, IPA, Punjab branch), and Prof. Indu Pal Kaur (Chairperson UIPS; President, IIC-UIPS; Secretary, IPA, Pb

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
121	University Institute of Pharmaceutical Sciences	Professor Bhupinder Singh Bhoop	60th National Pharmacy Week celebrations: Valedictory talk on the theme 'Pharmacist: Integral part of Healthcare' by guest speaker Professor Rajendra B Kakde, Advisor-I, Approval Bureau Head, All India Council for Technical Education, New Delhi	webinar	Universal Values and Ethics	National	Cisco WebEx Events	21/11/2021	27/11/2021	Prof. O. P. Katare (President, IPA, Punjab branch), Prof. Bhupinder Singh Bhoop (Vice President, IPA, Punjab branch), and Prof. Indu Pal Kaur (Chairperson UIPS; President, IIC-UIPS; Secretary, IPA, Pb)
122	University Institute of Pharmaceutical Sciences	Professor Kanwaljit Chopra	60th National Pharmacy Week celebrations: Valedictory talk on the theme 'Pharmacist: Integral part of Healthcare' by guest speaker Professor Rajendra B Kakde, Advisor-I, Approval Bureau Head, All India Council for Technical Education, New Delhi	webinar	Universal Values and Ethics	National	Cisco WebEx Events	21/11/2021	27/11/2021	Prof. O. P. Katare (President, IPA, Punjab branch), Prof. Bhupinder Singh Bhoop (Vice President, IPA, Punjab branch), and Prof. Indu Pal Kaur (Chairperson UIPS; President, IIC-UIPS; Secretary, IPA, Pb)
123	University Institute of Pharmaceutical Sciences	Professor Anil Kumar	60th National Pharmacy Week celebrations: Valedictory talk on the theme 'Pharmacist: Integral part of Healthcare' by guest speaker Professor Rajendra B Kakde, Advisor-I, Approval Bureau Head, All India Council for Technical Education, New Delhi	webinar	Universal Values and Ethics	National	Cisco WebEx Events	21/11/2021	27/11/2021	Prof. O. P. Katare (President, IPA, Punjab branch), Prof. Bhupinder Singh Bhoop (Vice President, IPA, Punjab branch), and Prof. Indu Pal Kaur (Chairperson UIPS; President, IIC-UIPS; Secretary, IPA, Pb)
124	University Institute of Pharmaceutical Sciences	Professor Ranju Bansal	60th National Pharmacy Week celebrations: Valedictory talk on the theme 'Pharmacist: Integral part of Healthcare' by guest speaker Professor Rajendra B Kakde, Advisor-I, Approval Bureau Head, All India Council for	webinar	Universal Values and Ethics	National	Cisco WebEx Events	21/11/2021	27/11/2021	Prof. O. P. Katare (President, IPA, Punjab branch), Prof. Bhupinder Singh Bhoop (Vice President, IPA, Punjab branch), and Prof. Indu Pal Kaur (Chairperson UIPS; President, IIC-UIPS;

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
			Technical Education, New Delhi							Secretary, IPA, Pb
125	University Institute of Pharmaceutical Sciences	Professor Poonam Piplani	60th National Pharmacy Week celebrations: Valedictory talk on the theme 'Pharmacist: Integral part of Healthcare' by guest speaker Professor Rajendra B Kakde, Advisor-I, Approval Bureau Head, All India Council for Technical Education, New Delhi	webinar	Universal Values and Ethics	National	Cisco WebEx Events	21/11/2021	27/11/2021	Prof. O. P. Katare (President, IPA, Punjab branch), Prof. Bhupinder Singh Bhoop (Vice President, IPA, Punjab branch), and Prof. Indu Pal Kaur (Chairperson UIPS; President, IIC-UIPS; Secretary, IPA, Pb)
126	University Institute of Pharmaceutical Sciences	Professor Maninder Karan	60th National Pharmacy Week celebrations: Valedictory talk on the theme 'Pharmacist: Integral part of Healthcare' by guest speaker Professor Rajendra B Kakde, Advisor-I, Approval Bureau Head, All India Council for Technical Education, New Delhi	webinar	Universal Values and Ethics	National	Cisco WebEx Events	21/11/2021	27/11/2021	Prof. O. P. Katare (President, IPA, Punjab branch), Prof. Bhupinder Singh Bhoop (Vice President, IPA, Punjab branch), and Prof. Indu Pal Kaur (Chairperson UIPS; President, IIC-UIPS; Secretary, IPA, Pb)
127	University Institute of Pharmaceutical Sciences	Dr Anurag Kuhad	60th National Pharmacy Week celebrations: Valedictory talk on the theme 'Pharmacist: Integral part of Healthcare' by guest speaker Professor Rajendra B Kakde, Advisor-I, Approval Bureau Head, All India Council for Technical Education, New Delhi	workshop	Universal Values and Ethics	National	Cisco WebEx Events	21/11/2021	27/11/2021	Prof. O. P. Katare (President, IPA, Punjab branch), Prof. Bhupinder Singh Bhoop (Vice President, IPA, Punjab branch), and Prof. Indu Pal Kaur (Chairperson UIPS; President, IIC-UIPS; Secretary, IPA, Pb)
128	University Institute of Pharmaceutical Sciences	Dr Neelima Dhingra	60th National Pharmacy Week celebrations: Valedictory talk on the theme 'Pharmacist: Integral part of Healthcare' by guest speaker Professor Rajendra B Kakde, Advisor-	webinar	Universal Values and Ethics	National	Cisco WebEx Events	21/11/2021	27/11/2021	Prof. O. P. Katare (President, IPA, Punjab branch), Prof. Bhupinder Singh Bhoop (Vice President, IPA, Punjab branch), and Prof. Indu Pal Kaur

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
			I, Approval Bureau Head, All India Council for Technical Education, New Delhi							(Chairperson UIPS; President, IIC-UIPS; Secretary, IPA, Pb
129	University Institute of Pharmaceutical Sciences	Dr Vandita Kakkar	60th National Pharmacy Week celebrations: Valedictory talk on the theme 'Pharmacist: Integral part of Healthcare' by guest speaker Professor Rajendra B Kakde, Advisor-I, Approval Bureau Head, All India Council for Technical Education, New Delhi	workshop	Universal Values and Ethics	National	Cisco WebEx Events	21/11/2021	27/11/2021	Prof. O. P. Katare (President, IPA, Punjab branch), Prof. Bhupinder Singh Bhoop (Vice President, IPA, Punjab branch), and Prof. Indu Pal Kaur (Chairperson UIPS; President, IIC-UIPS; Secretary, IPA, Pb
130	University Institute of Pharmaceutical Sciences	Dr Amita Sarwal	60th National Pharmacy Week celebrations: Valedictory talk on the theme 'Pharmacist: Integral part of Healthcare' by guest speaker Professor Rajendra B Kakde, Advisor-I, Approval Bureau Head, All India Council for Technical Education, New Delhi	webinar	Universal Values and Ethics	National	Cisco WebEx Events	21/11/2021	27/11/2021	Prof. O. P. Katare (President, IPA, Punjab branch), Prof. Bhupinder Singh Bhoop (Vice President, IPA, Punjab branch), and Prof. Indu Pal Kaur (Chairperson UIPS; President, IIC-UIPS; Secretary, IPA, Pb
131	University Institute of Pharmaceutical Sciences	Dr Sangeeta Pilkhwah Sah	60th National Pharmacy Week celebrations: Valedictory talk on the theme 'Pharmacist: Integral part of Healthcare' by guest speaker Professor Rajendra B Kakde, Advisor-I, Approval Bureau Head, All India Council for Technical Education, New Delhi	webinar	Universal Values and Ethics	National	Cisco WebEx Events	21/11/2021	27/11/2021	Prof. O. P. Katare (President, IPA, Punjab branch), Prof. Bhupinder Singh Bhoop (Vice President, IPA, Punjab branch), and Prof. Indu Pal Kaur (Chairperson UIPS; President, IIC-UIPS; Secretary, IPA, Pb
132	University Institute of Pharmaceutical Sciences	Professor O.P. Katare	UGC NRC training School Attaining Quality Excellence in Drug Delivery Development & Research: Emerging Trends, Tools &	Professional Development Programmes	Faculty Development Programme	National	Cisco WebEx Events & Google Meet	29/11/2021	04/12/2021	Professor Indu Pal Kaur (Chairperson, UIPS& Program Coordinator, UGCNRC); Professor Bhupinder Singh



S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
			Techniques in Pharmaceutics & Biopharmaceutics							Bhoop (Course Coordinator, UGCNRC) & Dr Gurpal Singh (Joint Course Coordinator, UGCNRC)
133	University Institute of Pharmaceutical Sciences	Professor V R Sinha	UGC NRC training School Attaining Quality Excellence in Drug Delivery Development & Research: Emerging Trends, Tools & Techniques in Pharmaceutics & Biopharmaceutics	Professional Development Programmes	Faculty Development Programme	National	Cisco WebEx Events & Google Meet	29/11/2021	04/12/2021	Professor Indu Pal Kaur (Chairperson, UIPS& Program Coordinator, UGCNRC); Professor Bhupinder Singh Bhoop (Course Coordinator, UGCNRC) & Dr Gurpal Singh (Joint Course Coordinator, UGCNRC)
134	University Institute of Pharmaceutical Sciences	Professor Renu Chadha	UGC NRC training School Attaining Quality Excellence in Drug Delivery Development & Research: Emerging Trends, Tools & Techniques in Pharmaceutics & Biopharmaceutics	Professional Development Programmes	Faculty Development Programme	National	Cisco WebEx Events & Google Meet	29/11/2021	04/12/2021	Professor Indu Pal Kaur (Chairperson, UIPS& Program Coordinator, UGCNRC); Professor Bhupinder Singh Bhoop (Course Coordinator, UGCNRC) & Dr Gurpal Singh (Joint Course Coordinator, UGCNRC)
135	University Institute of Pharmaceutical Sciences	Professor Bhupinder Singh Bhoop	UGC NRC training School Attaining Quality Excellence in Drug Delivery Development & Research: Emerging Trends, Tools & Techniques in Pharmaceutics & Biopharmaceutics	Professional Development Programmes	Faculty Development Programme	National	Cisco WebEx Events & Google Meet	29/11/2021	04/12/2021	Professor Indu Pal Kaur (Chairperson, UIPS& Program Coordinator, UGCNRC); Professor Bhupinder Singh Bhoop (Course Coordinator, UGCNRC) & Dr Gurpal Singh (Joint Course Coordinator, UGCNRC)
136	University Institute of Pharmaceutical Sciences	Dr Vandita Kakkar	UGC NRC training School Attaining Quality Excellence in Drug Delivery Development & Research: Emerging Trends, Tools & Techniques in Pharmaceutics & Biopharmaceutics	Professional Development Programmes	Faculty Development Programme	National	Cisco WebEx Events & Google Meet	29/11/2021	04/12/2021	Professor Indu Pal Kaur (Chairperson, UIPS& Program Coordinator, UGCNRC); Professor Bhupinder Singh Bhoop (Course Coordinator, UGCNRC) & Dr Gurpal Singh (Joint Course Coordinator, UGCNRC)

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
137	University Institute of Pharmaceutical Sciences	Dr Amita Sarwal	UGC NRC training School Attaining Quality Excellence in Drug Delivery Development & Research: Emerging Trends, Tools & Techniques in Pharmaceuticals & Biopharmaceutics	Professional Development Programmes	Faculty Development Programme	National	Cisco WebEx Events & Google Meet	29/11/2021	04/12/2021	Coordinator, UGCNRC) Professor Indu Pal Kaur (Chairperson, UIPS& Program Coordinator, UGCNRC); Professor Bhupinder Singh Bhoop (Course Coordinator, UGCNRC) & Dr Gurpal Singh (Joint Course Coordinator, UGCNRC)
138	University Institute of Pharmaceutical Sciences	Professor O P Katara	UGC NRC training School on New Era Technologies in Formulation Design Space	Professional Development Programmes	Faculty Development Programme	National	Cisco WebEx Events & Google Meet	17/01/2022	22/01/2022	Professor Indu Pal Kaur (Chairperson, UIPS& Program Coordinator&Course Coordinator, UGCNRC) & Dr Vandita Kakkar (Joint Course Coordinator, UGCNRC)
139	University Institute of Pharmaceutical Sciences	Professor V R Sinha	UGC NRC training School on New Era Technologies in Formulation Design Space	Professional Development Programmes	Faculty Development Programme	National	Cisco WebEx Events	17/01/2022	22/01/2022	Professor Indu Pal Kaur (Chairperson, UIPS& Program Coordinator&Course Coordinator, UGCNRC) & Dr Vandita Kakkar (Joint Course Coordinator, UGCNRC)
140	University Institute of Pharmaceutical Sciences	Professor Bhupinder Singh Bhoop	UGC NRC training School on New Era Technologies in Formulation Design Space	Professional Development Programmes	Faculty Development Programme	National	Cisco WebEx Events & Google Meet	17/01/2022	22/01/2022	Professor Indu Pal Kaur (Chairperson, UIPS& Program Coordinator&Course Coordinator, UGCNRC) & Dr Vandita Kakkar (Joint Course Coordinator, UGCNRC)
141	University Institute of Pharmaceutical Sciences	Professor Anil Kumar	UGC NRC training School on New Era Technologies in Formulation Design Space	Professional Development Programmes	Faculty Development Programme	National	Cisco WebEx Events & Google Meet	17/01/2022	22/01/2022	Professor Indu Pal Kaur (Chairperson, UIPS& Program Coordinator&Course Coordinator, UGCNRC) & Dr Vandita Kakkar (Joint Course

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
142	University Institute of Pharmaceutical Sciences	Dr Vandita Kakkar	UGC NRC training School on New Era Technologies in Formulation Design Space	Professional Development Programmes	Faculty Development Programme	National	Cisco WebEx Events & Google Meet	17/01/2022	22/01/2022	Coordinator, UGCNRC) Professor Indu Pal Kaur (Chairperson, UIPS & Program Coordinator & Course Coordinator, UGCNRC) & Dr Vandita Kakkar (Joint Course Coordinator, UGCNRC)
143	University Institute of Pharmaceutical Sciences	Professor Anil Kumar	UGC NRC training School on Emerging Trends and Alternatives in Pharmacological Research	Professional Development Programmes	Faculty Development Programme	National	Cisco WebEx Events	14/02/2022	19/02/2022	Professor Indu Pal Kaur (Chairperson, UIPS & Program Coordinator, UGC-NRC); Professor Anil Kumar (Course Coordinator, UGC-NRC) & Dr Anurag Kuhad (Joint Course Coordinator, UGC-NRC)
144	University Institute of Pharmaceutical Sciences	Professor O P Katare	UGC NRC training School on Emerging Trends and Alternatives in Pharmacological Research	Professional Development Programmes	Faculty Development Programme	National	Cisco WebEx Events	14/02/2022	19/02/2022	Professor Indu Pal Kaur (Chairperson, UIPS & Program Coordinator, UGC-NRC); Professor Anil Kumar (Course Coordinator, UGC-NRC) & Dr Anurag Kuhad (Joint Course Coordinator, UGC-NRC)
145	University Institute of Pharmaceutical Sciences	Dr Anurag Kuhad	UGC NRC training School on Emerging Trends and Alternatives in Pharmacological Research	Professional Development Programmes	Faculty Development Programme	National	Cisco WebEx Events	14/02/2022	19/02/2022	Professor Indu Pal Kaur (Chairperson, UIPS & Program Coordinator, UGC-NRC); Professor Anil Kumar (Course Coordinator, UGC-NRC) & Dr Anurag Kuhad (Joint Course Coordinator, UGC-NRC)
146	University Institute of Pharmaceutical Sciences	Dr Neelima Dhingra	UGC NRC training School on Emerging Trends and Alternatives in	Professional Development Programmes	Faculty Development Programme	National	Cisco WebEx Events	14/02/2022	19/02/2022	Professor Indu Pal Kaur (Chairperson, UIPS & Program Coordinator,

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
			Pharmacological Research							UGC-NRC); Professor Anil Kumar (Course Coordinator, UGC-NRC) & Dr Anurag Kuhad (Joint Course Coordinator, UGC-NRC)
147	University Institute of Pharmaceutical Sciences	Professor Kanwaljit Chopra	International Talk on Critical role of gut peptides and microbiome in prebiotic fiber-mediated appetite and body weight regulation by Dr Arashdeep Singh, Postdoctoral Associate, Department of Pharmacodynamics, Center for Integrative Cardiovascular and Metabolic Disease, Univ of Florida College of Ph	webinar	Academic and Research Event	International	Cisco WebEx Events	23/02/2022	23/02/2022	Chairperson, UIPS
148	University Institute of Pharmaceutical Sciences	Dr Neelima Dhingra	International Talk on Critical role of gut peptides and microbiome in prebiotic fiber-mediated appetite and body weight regulation by Dr Arashdeep Singh, Postdoctoral Associate, Department of Pharmacodynamics, Center for Integrative Cardiovascular and Metabolic Disease, Univ of Florida College of Ph	webinar	Academic and Research Event	International	Cisco WebEx Events	23/02/2022	23/02/2022	Chairperson, UIPS
149	University Institute of Pharmaceutical Sciences	Professor Anil Kumar	MoE's Institution's Innovation Council celebrates National Science Day (28 February) Webinar on Supremacy of Indian Great Boffins: The unsung story by Dr N Ganesh, Head, Senior Scientist & Consultant Oncogenetic, Department of Research, Jawaharlal Nehru Cancer Hospital	webinar	Academic and Research Event	National	Cisco WebEx Events	25/02/2022	25/02/2022	Chairperson, UIPS

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
150	University Institute of Pharmaceutical Sciences	Professor Kanwaljit Chopra	& Res Centre (JNCH), B MoE's Institution's Innovation Council celebrates National Science Day (28 February) Webinar on Supremacy of Indian Great Boffins: The unsung story by Dr N Ganesh, Head, Senior Scientist & Consultant Oncogenetic, Department of Research, Jawaharlal Nehru Cancer Hospital & Res Centre (JNCH), B	webinar	Academic and Research Event	National	Cisco WebEx Events	25/02/2022	25/02/2022	Chairperson, UIPS
151	University Institute of Pharmaceutical Sciences	Dr Vandita Kakkar	MoE's Institution's Innovation Council celebrates National Science Day (28 February) Webinar on Supremacy of Indian Great Boffins: The unsung story by Dr N Ganesh, Head, Senior Scientist & Consultant Oncogenetic, Department of Research, Jawaharlal Nehru Cancer Hospital & Res Centre (JNCH), B	webinar	Academic and Research Event	National	Cisco WebEx Events	25/02/2022	25/02/2022	Chairperson, UIPS
152	University Institute of Pharmaceutical Sciences	Dr Amita Sarwal	MoE's Institution's Innovation Council celebrates National Science Day (28 February) Webinar on Supremacy of Indian Great Boffins: The unsung story by Dr N Ganesh, Head, Senior Scientist & Consultant Oncogenetic, Department of Research, Jawaharlal Nehru Cancer Hospital & Res Centre (JNCH), B	webinar	Academic and Research Event	National	Cisco WebEx Events	25/02/2022	25/02/2022	Chairperson, UIPS
153	University Institute of Pharmaceutical Sciences	Professor Indu Pal Kaur	PUPS Homecoming Series and IIC-UIPS – an interactive session with Dr Tarun	other	Academic and Research Event	International	Main Lecture Hall, Extension Block, UIPS	13/04/2022	13/04/2022	Professor Indu Pal Kaur, Chairperson, UIPS

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
			Vijan, Consultant, Director Groundwerk Healthcare Limited, Canada, for the students of classes B.Pharm. Sem 8 and M.Pharm							
154	University Institute of Pharmaceutical Sciences	Professor Maninder Karan	PUPS Homecoming Series and IIC-UIPS – an interactive session with Dr Tarun Vijan, Consultant, Director Groundwerk Healthcare Limited, Canada, for the students of classes B.Pharm. Sem 8 and M.Pharm	other	Academic and Research Event	International	Main Lecture Hall, Extension Block, UIPS	13/04/2022	13/04/2022	Professor Indu Pal Kaur, Chairperson, UIPS
155	University Institute of Pharmaceutical Sciences	Dr Vandita Kakkar	PUPS Homecoming Series and IIC-UIPS – an interactive session with Dr Tarun Vijan, Consultant, Director Groundwerk Healthcare Limited, Canada, for the students of classes B.Pharm. Sem 8 and M.Pharm	other	Academic and Research Event	International	Main Lecture Hall, Extension Block, UIPS	13/04/2022	13/04/2022	Professor Indu Pal Kaur, Chairperson, UIPS
156	University Institute of Pharmaceutical Sciences	Professor Indu Pal Kaur	17th WOMEN IN SCIENCE (Wise) EVENT &quot;LIVE BIOTHERAPEUTICS- Innovative New Era Options for Skin Disease and Tissue Regeneration	webinar	Academic and Research Event	National	Cisco WebEx Events	17/06/2022	17/06/2022	PU & INYAS WITH AMI & ISCA
157	University Institute of Pharmaceutical Sciences	Professor O P Katare	International Yoga Day Celebrations – Lecture on Excellence in Totality	seminar	Social Issues	National	NIPER Mohali	25/06/2022	25/06/2022	NIPER Mohali
158	University Institute of Pharmaceutical Sciences	Professor Indu Pal Kaur	UGC SIP Deeksharambh - Student Induction Program	other	Orientation/Induction Programme	University	Golden Jubilee Seminar Hall, Panjab University	30/03/2022	31/03/2022	Professor Indu Pal Kaur, Chairperson, UIPS
159	University Institute of Pharmaceutical Sciences	Professor O P Katare	UGC SIP Deeksharambh - Student Induction Program	other	Orientation/Induction Programme	University	Golden Jubilee Seminar Hall, Panjab University	30/03/2022	31/03/2022	Professor Indu Pal Kaur, Chairperson, UIPS

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
160	University Institute of Pharmaceutical Sciences	Professor V R Sinha	UGC SIP Deeksharambh - Student Induction Program	other	Orientation/Induction Programme	University	Golden Jubilee Seminar Hall, Panjab University	30/03/2022	31/03/2022	Professor Indu Pal Kaur, Chairperson, UIPS
161	University Institute of Pharmaceutical Sciences	Professor Renu Chadha	UGC SIP Deeksharambh - Student Induction Program	other	Orientation/Induction Programme	University	Golden Jubilee Seminar Hall, Panjab University	30/03/2022	31/03/2022	Professor Indu Pal Kaur, Chairperson, UIPS
162	University Institute of Pharmaceutical Sciences	Professor Anil Kumar	UGC SIP Deeksharambh - Student Induction Program	other	Orientation/Induction Programme	University	Golden Jubilee Seminar Hall, Panjab University	30/03/2022	31/03/2022	Professor Indu Pal Kaur, Chairperson, UIPS
163	University Institute of Pharmaceutical Sciences	Dr Jai Malik	UGC SIP Deeksharambh - Student Induction Program	other	Orientation/Induction Programme	University	Golden Jubilee Seminar Hall, Panjab University	30/03/2022	31/03/2022	Professor Indu Pal Kaur, Chairperson, UIPS
164	University Institute of Pharmaceutical Sciences	Dr Vandita Kakkar	UGC SIP Deeksharambh - Student Induction Program	other	Orientation/Induction Programme	University	Golden Jubilee Seminar Hall, Panjab University	30/03/2022	31/03/2022	Professor Indu Pal Kaur, Chairperson, UIPS
165	University Institute of Pharmaceutical Sciences	Dr Gurpal Singh	UGC SIP Deeksharambh - Student Induction Program	other	Orientation/Induction Programme	University	Golden Jubilee Seminar Hall, Panjab University	30/03/2022	31/03/2022	Professor Indu Pal Kaur, Chairperson, UIPS
166	University Institute of Pharmaceutical Sciences	Dr Ashok Kumar Yadav	UGC SIP Deeksharambh - Student Induction Program	webinar	Orientation/Induction Programme	University	Golden Jubilee Seminar Hall, Panjab University	30/03/2022	31/03/2022	Professor Indu Pal Kaur, Chairperson, UIPS
167	University Institute of Pharmaceutical Sciences	Dr Sandip V Pawar	UGC SIP Deeksharambh - Student Induction Program	other	Orientation/Induction Programme	University	Golden Jubilee Seminar Hall, Panjab University	30/03/2022	31/03/2022	Professor Indu Pal Kaur, Chairperson, UIPS
168	University Institute of Pharmaceutical Sciences	Professor Kanwaljit Chopra	UGC SIP Deeksharambh - Student Induction Program	other	Orientation/Induction Programme	University	Golden Jubilee Seminar Hall, Panjab University	30/03/2022	31/03/2022	Professor Indu Pal Kaur, Chairperson, UIPS
169	University Institute of Pharmaceutical Sciences	Professor Ranju Bansal	UGC SIP Deeksharambh - Student Induction Program	other	Orientation/Induction Programme	University	Golden Jubilee Seminar Hall, Panjab University	30/03/2022	31/03/2022	Professor Indu Pal Kaur, Chairperson, UIPS
170	University Institute of Pharmaceutical Sciences	Professor Maninder Karan	UGC SIP Deeksharambh - Student Induction Program	webinar	Orientation/Induction Programme	University	Golden Jubilee Seminar Hall, Panjab University	30/03/2022	31/03/2022	Professor Indu Pal Kaur, Chairperson, UIPS
171	University Institute of Pharmaceutical Sciences	Professor Alka Bali	UGC SIP Deeksharambh - Student Induction Program	other	Orientation/Induction Programme	University	Golden Jubilee Seminar Hall, Panjab University	30/03/2022	31/03/2022	Professor Indu Pal Kaur, Chairperson, UIPS

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
172	University Institute of Pharmaceutical Sciences	Dr Anurag Kuhad	UGC SIP Deeksharambh - Student Induction Program	other	Orientation/Induction Programme	University	Golden Jubilee Seminar Hall, Panjab University	30/03/2022	31/03/2022	Professor Indu Pal Kaur, Chairperson, UIPS
173	University Institute of Pharmaceutical Sciences	Dr Neelima Dhingra	UGC SIP Deeksharambh - Student Induction Program	other	Orientation/Induction Programme	University	Golden Jubilee Seminar Hall, Panjab University	30/03/2022	31/03/2022	Professor Indu Pal Kaur, Chairperson, UIPS
174	University Institute of Pharmaceutical Sciences	Dr Ashwani Kumar	UGC SIP Deeksharambh - Student Induction Program	other	Orientation/Induction Programme	University	Golden Jubilee Seminar Hall, Panjab University	30/03/2022	31/03/2022	Professor Indu Pal Kaur, Chairperson, UIPS
175	University Institute of Pharmaceutical Sciences	Dr Amita Sarwal	UGC SIP Deeksharambh - Student Induction Program	other	Orientation/Induction Programme	University	Golden Jubilee Seminar Hall, Panjab University	30/03/2022	31/03/2022	Professor Indu Pal Kaur, Chairperson, UIPS
176	University Institute of Pharmaceutical Sciences	Dr Sangeeta Pilkhwal Sah	UGC SIP Deeksharambh - Student Induction Program	other	Orientation/Induction Programme	University	Golden Jubilee Seminar Hall, Panjab University	30/03/2022	31/03/2022	Professor Indu Pal Kaur, Chairperson, UIPS
177	University Institute of Pharmaceutical Sciences	Dr Ranjana Bhandari	UGC SIP Deeksharambh - Student Induction Program	other	Orientation/Induction Programme	University	Golden Jubilee Seminar Hall, Panjab University	30/03/2022	31/03/2022	Professor Indu Pal Kaur, Chairperson, UIPS
178	University Institute of Pharmaceutical Sciences	Professor Maninder Karan	'ESSENTIALS OF CHROMATOGRAPHY' at ITEC	other	Training/Orientation	International	Mohali	08/06/2022	17/06/2022	National Institute of Pharmaceutical Sciences and Research (NIPER),
179	University Institute of Pharmaceutical Sciences	Professor Maninder Karan	UGC NRC training School Attaining Quality Excellence in Drug Delivery Development & Research: Emerging Trends, Tools & Techniques in Pharmaceutics & Biopharmaceutics	other	Academic and Research Event	National	Cisco WebEx Events & Google Meet	29/11/2021	04/12/2021	Professor Indu Pal Kaur (Chairperson, UIPS & Program Coordinator, UGCNRC); Professor Bhupinder Singh Bhoop (Course Coordinator, UGCNRC) & Dr Gurpal Singh (Joint Course Coordinator, UGCNRC)
180	University Institute of Pharmaceutical Sciences	Professor Maninder Karan	UGC NRC training School on New Era Technologies in Formulation Design Space	other	Academic and Research Event	National	Cisco WebEx Events & Google Meet	17/01/2022	22/01/2022	Professor Indu Pal Kaur (Chairperson, UIPS & Program Coordinator & Course Coordinator, UGCNRC) & Dr Vandita Kakkar (Joint Course



S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
181	University Institute of Pharmaceutical Sciences	Professor Maninder Karan	UGC NRC training School on Emerging Trends and Alternatives in Pharmacological Research	other	Academic and Research Event	National	Cisco WebEx Events & Google Meet	14/02/2022	19/02/2022	Coordinator, UGCNRC) Professor Indu Pal Kaur (Chairperson, UIPS & Program Coordinator, UGC-NRC); Professor Anil Kumar (Course Coordinator, UGC-NRC) & Dr Anurag Kuhad (Joint Course Coordinator, UGC-NRC)
182	University Institute of Pharmaceutical Sciences	Professor Alka Bali	UGC NRC training School Attaining Quality Excellence in Drug Delivery Development & Research: Emerging Trends, Tools & Techniques in Pharmaceutics & Biopharmaceutics	other	Academic and Research Event	National	Cisco WebEx Events & Google Meet	29/11/2021	04/12/2021	Professor Indu Pal Kaur (Chairperson, UIPS & Program Coordinator, UGC-NRC); Professor Anil Kumar (Course Coordinator, UGC-NRC) & Dr Anurag Kuhad (Joint Course Coordinator, UGC-NRC)
183	University Institute of Pharmaceutical Sciences	Professor Anil Kumar	UGC NRC training School Attaining Quality Excellence in Drug Delivery Development & Research: Emerging Trends, Tools & Techniques in Pharmaceutics & Biopharmaceutics	other	Academic and Research Event	National	Cisco WebEx Events & Google Meet	29/11/2021	04/12/2021	Professor Indu Pal Kaur (Chairperson, UIPS & Program Coordinator, UGCNRC); Professor Bhupinder Singh Bhoop (Course Coordinator, UGCNRC) & Dr Gurpal Singh (Joint Course Coordinator, UGCNRC)
184	University Institute of Pharmaceutical Sciences	Professor Ranju Bansal	UGC NRC training School Attaining Quality Excellence in Drug Delivery Development & Research: Emerging Trends, Tools & Techniques in Pharmaceutics & Biopharmaceutics	other	Academic and Research Event	National	Cisco WebEx Events & Google Meet	29/11/2021	04/12/2021	Professor Indu Pal Kaur (Chairperson, UIPS & Program Coordinator, UGCNRC); Professor Bhupinder Singh Bhoop (Course Coordinator, UGCNRC) & Dr Gurpal Singh (Joint Course Coordinator, UGCNRC)

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
185	University Institute of Pharmaceutical Sciences	Dr Anurag Kuhad	UGC NRC training School Attaining Quality Excellence in Drug Delivery Development & Research: Emerging Trends, Tools & Techniques in Pharmaceuticals & Biopharmaceutics	other	Academic and Research Event	National	Cisco WebEx Events & Google Meet	29/11/2021	04/12/2021	Professor Indu Pal Kaur (Chairperson, UIPS& Program Coordinator, UGCNRC); Professor Bhupinder Singh Bhoop (Course Coordinator, UGCNRC) & Dr Gurpal Singh (Joint Course Coordinator, UGCNRC)
186	University Institute of Pharmaceutical Sciences	Dr Neelima Dhingra	UGC NRC training School Attaining Quality Excellence in Drug Delivery Development & Research: Emerging Trends, Tools & Techniques in Pharmaceuticals & Biopharmaceutics	other	Academic and Research Event	National	Cisco WebEx Events & Google Meet	29/11/2021	04/12/2021	Professor Indu Pal Kaur (Chairperson, UIPS& Program Coordinator, UGCNRC); Professor Bhupinder Singh Bhoop (Course Coordinator, UGCNRC) & Dr Gurpal Singh (Joint Course Coordinator, UGCNRC)
187	University Institute of Pharmaceutical Sciences	Dr Jai Malik	UGC NRC training School Attaining Quality Excellence in Drug Delivery Development & Research: Emerging Trends, Tools & Techniques in Pharmaceuticals & Biopharmaceutics	other	Academic and Research Event	National	Cisco WebEx Events & Google Meet	29/11/2021	04/12/2021	Professor Indu Pal Kaur (Chairperson, UIPS& Program Coordinator, UGCNRC); Professor Bhupinder Singh Bhoop (Course Coordinator, UGCNRC) & Dr Gurpal Singh (Joint Course Coordinator, UGCNRC)
188	University Institute of Pharmaceutical Sciences	Dr Sangeeta Pilkhwal Sah	UGC NRC training School Attaining Quality Excellence in Drug Delivery Development & Research: Emerging Trends, Tools & Techniques in Pharmaceuticals & Biopharmaceutics	other	Academic and Research Event	National	Cisco WebEx Events & Google Meet	29/11/2021	04/12/2021	Professor Indu Pal Kaur (Chairperson, UIPS& Program Coordinator, UGCNRC); Professor Bhupinder Singh Bhoop (Course Coordinator, UGCNRC) & Dr Gurpal Singh (Joint Course Coordinator, UGCNRC)
189	University Institute of Pharmaceutical Sciences	Dr Sandip V Pawar	UGC NRC training School Attaining Quality Excellence in Drug Delivery Development &	other	Academic and Research Event	National	Cisco WebEx Events & Google Meet	29/11/2021	04/12/2021	Professor Indu Pal Kaur (Chairperson, UIPS& Program Coordinator,

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
			Research: Emerging Trends, Tools & Techniques in Pharmaceutics & Biopharmaceutics							UGC-NRC); Professor Bhupinder Singh Bhoop (Course Coordinator, UGC-NRC) & Dr Gurpal Singh (Joint Course Coordinator, UGC-NRC)
190	University Institute of Pharmaceuti cal Sciences	Dr Ashok Kumar Yadav	UGC NRC training School Attaining Quality Excellence in Drug Delivery Development & Research: Emerging Trends, Tools & Techniques in Pharmaceutics & Biopharmaceutics	other	Academic and Research Event	National	Cisco WebEx Events & Google Meet	29/11/2021	04/12/2021	Professor Indu Pal Kaur (Chairperson, UIPS& Program Coordinator, UGC-NRC); Professor Bhupinder Singh Bhoop (Course Coordinator, UGC-NRC) & Dr Gurpal Singh (Joint Course Coordinator, UGC-NRC)
191	University Institute of Pharmaceuti cal Sciences	Professor Alka Bali	UGC NRC training School on New Era Technologies in Formulation Design Space	other	Academic and Research Event	National	Cisco WebEx Events & Google Meet	17/01/2022	22/01/2022	Professor Indu Pal Kaur (Chairperson, UIPS& Program Coordinator&Co urse Coordinator, UGC-NRC) & Dr Vandita Kakkar (Joint Course Coordinator, UGC-NRC)
192	University Institute of Pharmaceuti cal Sciences	Professor V R Sinha	UGC NRC training School on Emerging Trends and Alternatives in Pharmacological Research	other	Academic and Research Event	National	Cisco WebEx Events	14/02/2022	19/02/2022	UGC NRC training School on Emerging Trends and Alternatives in Pharmacological Research
193	University Institute of Pharmaceuti cal Sciences	Professor Ranju Bansal	UGC NRC training School on Emerging Trends and Alternatives in Pharmacological Research	other	Academic and Research Event	National	Cisco WebEx Events	14/02/2022	19/02/2022	Professor Indu Pal Kaur (Chairperson, UIPS & Program Coordinator, UGC-NRC); Professor Anil Kumar (Course Coordinator, UGC-NRC) & Dr Anurag Kuhad (Joint Course Coordinator, UGC-NRC)
194	University Institute of Pharmaceuti cal Sciences	Professor Poonam Piplani	UGC NRC training School on Emerging Trends and Alternatives in	other	Academic and Research Event	Other	Cisco WebEx Events	14/02/2022	19/02/2022	Professor Indu Pal Kaur (Chairperson, UIPS & Program Coordinator,

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
			Pharmacological Research							UGC-NRC); Professor Anil Kumar (Course Coordinator, UGC-NRC) & Dr Anurag Kuhad (Joint Course Coordinator, UGC-NRC)
195	University Institute of Pharmaceutical Sciences	Professor Anupam Sharma	UGC NRC training School on Emerging Trends and Alternatives in Pharmacological Research	other	Academic and Research Event	National	Cisco WebEx Events	14/02/2022	19/02/2022	Professor Indu Pal Kaur (Chairperson, UIPS & Program Coordinator, UGC-NRC); Professor Anil Kumar (Course Coordinator, UGC-NRC) & Dr Anurag Kuhad (Joint Course Coordinator, UGC-NRC)
196	University Institute of Pharmaceutical Sciences	Professor Alka Bali	UGC NRC training School on Emerging Trends and Alternatives in Pharmacological Research	other	Academic and Research Event	National	Cisco WebEx Events	14/02/2022	19/02/2022	Professor Indu Pal Kaur (Chairperson, UIPS & Program Coordinator, UGC-NRC); Professor Anil Kumar (Course Coordinator, UGC-NRC) & Dr Anurag Kuhad (Joint Course Coordinator, UGC-NRC)
197	University Institute of Pharmaceutical Sciences	Dr Vandita Kakkar	UGC NRC training School on Emerging Trends and Alternatives in Pharmacological Research	other	Academic and Research Event	National	Cisco WebEx Events	14/02/2022	19/02/2022	Professor Indu Pal Kaur (Chairperson, UIPS & Program Coordinator, UGC-NRC); Professor Anil Kumar (Course Coordinator, UGC-NRC) & Dr Anurag Kuhad (Joint Course Coordinator, UGC-NRC)
198	University Institute of Pharmaceutical Sciences	Dr Jai Malik	UGC NRC training School on Emerging Trends and Alternatives in Pharmacological Research	other	Academic and Research Event	National	Cisco WebEx Events	14/02/2022	19/02/2022	Professor Indu Pal Kaur (Chairperson, UIPS & Program Coordinator, UGC-NRC); Professor Anil Kumar (Course Coordinator, UGC-NRC) &

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
										Dr Anurag Kuhad (Joint Course Coordinator, UGC-NRC)
199	University Institute of Pharmaceutical Sciences	Dr Amita Sarwal	UGC NRC training School on Emerging Trends and Alternatives in Pharmacological Research	other	Academic and Research Event	National	Cisco WebEx Events	14/02/2022	19/02/2022	Professor Indu Pal Kaur (Chairperson, UIPS & Program Coordinator, UGC-NRC); Professor Anil Kumar (Course Coordinator, UGC-NRC) & Dr Anurag Kuhad (Joint Course Coordinator, UGC-NRC)
200	University Institute of Pharmaceutical Sciences	Dr Ranjana Bhandari	UGC NRC training School on Emerging Trends and Alternatives in Pharmacological Research	other	Academic and Research Event	National	Cisco WebEx Events	14/02/2022	19/02/2022	Professor Indu Pal Kaur (Chairperson, UIPS & Program Coordinator, UGC-NRC); Professor Anil Kumar (Course Coordinator, UGC-NRC) & Dr Anurag Kuhad (Joint Course Coordinator, UGC-NRC)
201	University Institute of Pharmaceutical Sciences	Dr Amita Sarwal	Online - 7-Days FDP on Re-engineering the role of Teacher as Mentor	Professional Development Programmes	Faculty Development Programme	National	Chandigarh	22/07/2021	28/07/2021	HRDC
202	University Institute of Pharmaceutical Sciences	Dr Amita Sarwal	Online - 7-Days FDP on Research in Sciences: Novel tools and Methodologies	Professional Development Programmes	Faculty Development Programme	National	Chandigarh	03/08/2021	09/08/2021	HRDC
203	University Institute of Pharmaceutical Sciences	Neelima Dhingra	Online - 7-Days FDP on Research in Sciences: Novel tools and Methodologies	Professional Development Programmes	Faculty Development Programme	National	Chandigarh	03/08/2021	09/08/2021	HRDC
204	University Institute of Pharmaceutical Sciences	Dr Sandip V Pawar	60th National Pharmacy Week celebrations: Valedictory talk on the theme 'Pharmacist: Integral part of Healthcare' by guest speaker Professor Rajendra B Kakde, Advisor-I, Approval Bureau Head, All India Council for	webinar	Universal Values and Ethics	National	Cisco WebEx Events	21/11/2021	27/11/2021	Prof. O. P. Katare (President, IPA, Punjab branch), Prof. Bhupinder Singh Bhoop (Vice President, IPA, Punjab branch), and Prof. Indu Pal Kaur (Chairperson UIPS; President, IIC-UIPS;

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
			Technical Education, New Delhi							Secretary, IPA, Pb

#### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	University Institute of Pharmaceutical Sciences	Shiyana	Studies on involvement of gut microbiota in sleep deprivation-induced neurobehavioral deficits	0000-00-00	Prof. Kanwaljit Chopra
2	University Institute of Pharmaceutical Sciences	Sunayna Choudhary	Development and standardization of poly-herbal memory enhancing formulations using nanodelivery	2021-12-07	Dr Jai Malik / Prof. Indu Pal Kaur
3	University Institute of Pharmaceutical Sciences	Rajiv Kumar	Design and development of buccoadhesive and transdermal systems of duloxetine hydrochloride inclusion complexes	2021-09-13	Dr Amita Sarwal / Prof. V.R.Sinha
4	University Institute of Pharmaceutical Sciences	Ripandeep Kaur	Systematic development of nanostructured drug delivery systems of artemether and lumefantrine with improved biopharmaceutical attributes	0000-00-00	Prof. Bhupinder Singh Bhoop
5	University Institute of Pharmaceutical Sciences	Pragati Silakari	Design, synthesis and pharmacological evaluation of 1,4-benzoquinone derivatives for the prospective management of cognitive decline	2022-01-04	Prof. Poonam Piplani
6	University Institute of Pharmaceutical Sciences	Priyanka Saroj	Pharmacotherapeutic potential of phosphodiesterase inhibitors in experimental paradigms of huntingtons disease	2022-04-27	Dr Anurag Kuhad / Dr Sangeeta Pilkwalh Sah
7	University Institute of Pharmaceutical Sciences	Neetika Sharma	Application of chemical analysis and chemometric tools in the standardization and comparison of indian species of the genus berberis	2021-09-17	Prof. Karan Vasisht / Prof. Maninder Karan
8	University Institute of Pharmaceutical Sciences	Ansab Akhtar	Brain Insulin Resistance In Alzheimer's Disease: Targeting Phosphoinositide 3-Kinase (Pi3k)/Akt/Gsk-3 $\beta$ Pathway	2021-11-24	Dr. Sangeeta Pilkhwal Sah
9	University Institute of Pharmaceutical Sciences	Monika	Design, synthesis and evaluation of lantadene derivatives as potential anticancer agents	2022-04-19	Dr Neelima Dhingra
10	University Institute of Pharmaceutical Sciences	Vaghasiya Kalpeshkumar Madhubhai	Novel stimuli-responsive targeted drug delivery formulations for lung cancer therapy	0000-00-00	Prof. O.P.Katara

#### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
1	University Institute of Pharmaceutical Sciences	1. 3 patents granted 2. 4 Faculty Development Programe 3. 54 activities/webinars conducted 4. Industrial Project with Valence Labs Pvt Ltd, Mohali, India

1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
1	University Institute of Pharmaceutical Sciences	Memorandum of Agreement	Valence Labs - API Manufacturer	University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh	01/04/2022	01/04/2027	National

## 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
1	University Institute of Pharmaceutical Sciences	Research	Center of Innovation and Applied Bioprocessing	Kunal Gogde	18/06/2021	National	Ph.D student	CIAB	17/06/2024
2	University Institute of Pharmaceutical Sciences	Research	National Agri-Food Biotechnology Institute	Tushar Matta	15/02/2021	National	Ph.D Scholar	NABI	15/02/2024
3	University Institute of Pharmaceutical Sciences	Research	INST-Mohali	Avneet Kaur	30/01/2018	National	Ph.D student	DBT	31/01/2023
4	University Institute of Pharmaceutical Sciences	Research	DIHDAR-DRDO	Bhupinder Kaur	29/01/2018	National	Ph.D Scholar	DRDO	30/01/2023
5	University Institute of Pharmaceutical Sciences	Research	INST	Eupa Ray	12/02/2018	National	Ph.D Scholar	DST-INST	11/02/2023
6	University Institute of Pharmaceutical Sciences	Research	NABI	Jasleen Kaur	09/01/2019	National	Ph.D Scholar	DBT-NABI	08/01/2024
7	University Institute of Pharmaceutical Sciences	Research	NABI	Vibhu	09/01/2019	National	Ph.D Scholar	DBT-NABI	08/01/2024
8	University Institute of Pharmaceutical Sciences	Research	CIAB-Mohali	Surendra Jatav	18/07/2016	National	Ph.D Scholar	UGC-RGNF	17/01/2023
9	University Institute of Pharmaceutical Sciences	Research	DRDO	Harsh Pawar	27/06/2022	National	Ph.D Scholar	DRDO	06/07/2024
10	University Institute of	Pre-clinical studies in	University of Florence, Italy	Dr Nicola Schiavone,	01/07/2021	International	Research	-	31/08/2022

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
	Pharmaceutical Sciences	animal model for treatment of retinal defects		Professor and Professor Indu Pal Kaur					
11	University Institute of Pharmaceutical Sciences	Industry Research Project	Valence Labs	Professor Ranju Bansal	01/04/2022	National	Research Project	Valence Labs	31/03/2027
12	University Institute of Pharmaceutical Sciences	Research	Central University of Kashmir	Professor Ranju Bansal	15/07/2021	National	Research	Central University of Kashmir	22/07/2022
13	University Institute of Pharmaceutical Sciences	Research	Institut für Pharmakologie und Toxikologie, Universität Würzburg, Germany	Dr Ranju Bansal	23/09/2021	International	Research	UIPS, Panjab University, Chandigarh	30/09/2021
14	University Institute of Pharmaceutical Sciences	Research	Department of Biophysics	Navpreet Kaur	05/11/2019	National	Ph.D Scholar	DST	04/11/2022
15	University Institute of Pharmaceutical Sciences	Research	Centre for nuclear medicine	Anil Sharma	18/07/2018	National	Ph.D Scholar	CSIR	18/07/2021
16	University Institute of Pharmaceutical Sciences	Research	Department of Biophysics	Rimaljot	11/03/2019	National	Ph.D scholar	UGC-NET	09/03/2024

### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	50	0	50
Class rooms	9	0	9
Class rooms with Wifi/LAN facility	9	0	9
Class rooms with ICT facility (LCD/Projector)	7	0	7
No. of Research Labs	9	0	9
No. of Computer labs	1	0	1
Video Centre	0	0	0
Seminar Halls with ICT facility	0	0	0
Seminar Halls	1	0	1
No. of important equipments purchased (>= 10 lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0



#### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
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#### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
One year celebrations of National Education Policy NEP 2020	09/08/2021	09/08/2021
World Entrepreneurs' Day Celebrations (An MIC driven activity)	24/08/2021	24/08/2021
World Pharmacist Day celebrations	25/09/2021	25/09/2021
National Pharmacovigilance Week Celebrations	17/11/2021	23/11/2021
60th National Pharmacy Week celebrations	21/11/2021	27/11/2021
National Youth Day celebrations	12/01/2022	12/01/2022
National Science Day celebrations	25/02/2022	25/02/2022
International Yoga Day Celebrations	25/06/2022	25/06/2022

#### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
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#### 7. Number of Patents Published/Awarded

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
1	Topical Etodolac Vesicular Composition for Pain-Associated Inflammatory Diseases and Disorders	Prof Om Prakash Katare, Gajanand Sharma, Kaisar Raza, Akanksha Mahajan, Bhupinder Singh	10/09/2021	Published	National	202111028971A
2	A Nano-composite formulation of PTH 1-34 (Teriparatide) for Osteoporosis	Om Prakash Katare, Neeraj Mittal, Gajanand Sharma, Sanjay Kumar Bhadada	05/02/2022	Filed	National	202211006236
3	Probiotic containing triforked pharmaceutical compositions	Indu Pal Kaur, Gautam Bakshi, Pramod Kumar Singh	10/02/2022	Granted	National	388900
4	Topical nanoformulation of tetrahydrocurcumin	Vandita Kakkar, Indu Pal Kaur, Komal Saini	01/11/2021	Granted	National	381031
5	Cocrystals of naringenin'	Karan Vasisht, Kunal Chadha, Maninder Karan, Renu Chadha, Yashika Bhalla, Sanjay Mandal	27/09/2021	Granted	National	377984
6	'Process for preparing nanoformulation for delivery of berbamine	Karan Vasisht, Maninder Karan, Neetika Sharma, Indu Pal Kaur, Vikas Gautam, Simarjot Kaur	08/02/2022	Filed	International	PCT/IN2022/050103
7	Berberis extract nanoformulation and process of preparation thereof	Maninder Karan, Karan Vasisht, Neetika Sharma, Indu Pal Kaur, Vikas	08/02/2022	Filed	International	PCT/IN2022/050106

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
		Gautam, Simarjot Kaur, Jasmine				
8	Nanoparticle Hydrogel Composition For the Treatment of Neuropathic Pain	Ranjana Bhandari, Anurag Kuhad, Jyoti K Paliwal	03/11/2021	Granted	International	2021105266
9	A Process to Prepare Naringenin Nanocarriers for Autism Spectrum Disorders	Ranjana Bhandari, Anurag Kuhad, Jyoti K Paliwal	01/09/2021	Filed	National	2202111039508
10	Chewable gel Formulation for Autism Spectrum Disorders and Method of Preparation Thereof	Ranjana Bhandari, Anurag Kuhad, Jyoti K Paliwal	15/09/2021	Filed	National	202111041566
11	Probiotic and curcumin wound dressing	Indu Pal Kaur, Simarjot Kaur Sandhu, Praveen Rishi and Shobhit Jain	06/08/2021	Published	National	202011004849
12	Solid lipid nanoparticles of curcumin	Indu Pal Kaur, Simarjot Kaur Sandhu, Vandita Kakkar and Tanvi Gupta	06/10/2021	Published	International	EP3887350
13	Solid lipid nanoparticles of curcumin	Indu Pal Kaur, Simarjot Kaur Sandhu, Vandita Kakkar and Tanvi Gupta	19/05/2022	Published	International	US20220151945

#### 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
1	Development, scale-up and commercialisation of Novel Lipoidal Carrier based Products	Prof. O. P. Katare	IPCA Labs, Mumbai	01/07/2021	National	804760
2	Formulation, development, characterization and evaluation of novel molecule"	Dr. Vandita Kakkar & Dr. Sandip V. Pawar	Cedrus Bioproducts Ltd. Solan	01/07/2021	National	283200
3	Industry sponsored project	Prof. Kanwaljit Chopra	M/s Naysan Home Health Care	01/07/2021	National	179200
4	Development and evaluation of salicyclic acid nanoformulations	Prof. Indu Pal Kaur	M/s Hitech Formulations Pvt. Ltd.	01/07/2021	National	126850
5	Consultancy project	Dr. Vandita Kakkar	Cedrus Bioproducts Ltd. Solan	01/07/2021	National	350840
6	Industry sponsored consultancy project	Prof. O. P. Katare	BDH Industries Ltd. Mumbai	01/07/2021	National	305030
7	Payment for consultancy project	Prof. Indu Pal Kaur	Bristol Myers Squibb Company, Princeton USA	01/07/2021	International	876316

<b>SNo</b>	<b>Name of Consultancy Project</b>	<b>Name of the Consultant</b>	<b>Consulting/Sponsoring Agency</b>	<b>Project Date</b>	<b>National/ International</b>	<b>Revenue Generated (INR)</b>
8	Topical nanoformulations (s) of Tetrahydrocurcumin	Dr Vandita Kakkar	M/s Hitech Formulations Pvt. Ltd.	01/07/2021	National	236000
9	Technical services for particle size and Zeta potential	Prof. Indu Pal Kaur	Technical Services	01/07/2021	International	108796
10	Personal care and food products using plants raw material	Professor Maninder Karan	Trishveda Naturals Pvt Ltd' Ludhiana	29/06/2022	National	0
11	Intermediate and API Synthesis	Prof. Ranju Bansal	Valence Labs - API Manufacturer	01/04/2022	National	240000

## ANTHROPOLOGY

### SUMMARY OF PUBLICATIONS

#### PUBLICATIONS

#### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Tanushree Pandit, Sushama G.Deo, Ramesh SAhani, Jayendra Jiglekar and Akhiyala Imchen (2022)	A Fresh Investigation into the Palaeolithic Archaeology of the Lower Sher River, Narsinghpur District, Madhya Pradesh; Adaptions ACross Antiquity: Tracing Qualternary Environments and Prehistoric Cultural Responceses in Peninsular India; Indian Society for Prehistoric and Quaternary Studies, C/o DEpartment of Anthropology, Deccan College, Pune-411006	10 (978-81-908330-9-7)	National
Abhik Ghosh (2021)	An Oraon myth in search of the world; Brill's encyclopedia of the religions of the indigeneous people of South Asia (Online) online; Brill's encyclopedia of the religions of the indigeneous people of South Asia online	2665-9093	International
Abhik Ghosh (2022)	Religion of the Oraons; Hinduism and Tribal Religions; Springer	978-94-024-1187-4	International
Abhik Ghosh (2021)	Shiv Raj Kumar Chopra (1931-1994); Doyens of Indian Anthropology- 1920-2019 (Part-3); Agam Kala Prakashan	9788195009817	National

#### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Peden AE, Cullen P, Francis KL,. Krishan K, Patton GC, Ivers RQ (2022)	Adolescent transport and unintentional injuries: a systematic analysis using the Global Burden of Disease Study 2019; The Lancet Public Health	2468-2667	Yes	Elsevier
Shedge R, Kanchan T, Garg PK, Dixit SG, Warrier V, Krishan K (2021)	Age estimation from sternebralfusion in an Indian population – A computed tomographic evaluation; Legal Medicine	18734162, 13446223	Yes	Elsevier Science
Kanchan T, Chugh V, Chugh A, Meshram V, Shedge R, Patnana AK, Krishan K (2021)	Age estimation using third molar maturation based on Demirjian's criteria; Legal Medicine	18734162, 13446223	Yes	Elsevier Science
Jadav D, Shedge R, Kanchan T, Meshram V, Garg PK, Krishan K (2022)	Age related changes in the hyoid bone: an autopsy based radiological analysis; Medicine Science and the Law-The journal of British Academy of Forensic Science	0025-8024	Yes	Sage

Jadav D, Shedje R, Kanchan T, Meshram V, Garg PK, Krishan K (2022)	Age related changes in thyroid and cricoid cartilages: An autopsy based radiological analysis; Journal of Forensic and Legal Medicine	1752-928X (print); 1878-7487 (web)	Yes	Elsevier
Kyu HH, Vongpradith A, Krishan K, Hay SI, Murray CJL (2022)	Age–sex differences in the global burden of lower respiratory infections and risk factors, 1990–2019: results from the Global Burden of Disease Study 2019; The Lancet Infectious Diseases	1473-3099	Yes	www.thelancet.com/infection
Rani D, Krishan K, Tumram N, Parekh U, Kanchan T (2022)	An SBQ-R assessment of the impact of COVID-19 pandemic on the mental health of young adults in North India; Acta Biomedica	3924203	Yes	Mattioli 1885
Kinyoki, D., Osgood-Zimmerman, A.E., Bhattacharjee, N.V. Krishan K, Kassebaum NJ, Hay (2021)	Anemia prevalence in women of reproductive age in low- and middle-income countries between 2000 and 2018; Nature Medicine	1761–1782	Yes	Nature Portfolio
Warrier V, Shedje R, Garg PK, Dixit SG, Krishan K, Kanchan T (2022)	Applicability of the Calce method for age estimation in an Indian population: Aclinical CT-based study; Legal Medicine	1344-6223.	Yes	Elsevier
Rani D, Krishan K, Kumar A, Kanchan T (2021)	Assessment of body weight from percutaneous widths of the bones and joints-Implications in forensic and clinical examinations; ActaBiomedica	3924203	Yes	Mattioli 1885
Rajnish Kumar Singh, Nutan Kumari Jha, InushaPanigrahi, Anil Kishore Sinha (2022)	Awareness about Thalassemia and Its Management among the Caregivers of the Thalassemia Patients of Punjab and Chandigarh, India; International Journal of Health Sciences	2550-6978 (print), 2550-696X (online)	Yes	Universidad Técnica de Manabí
Ramandeep Kaur, Anil Kishore Sinha, Sanjay Kumar Bhadada & Sandeep Grover (2022)	Awareness among Diabetic (T1DM) Children and their Caregivers; South Asian Anthropologist	0257-7348	Yes	Serial
Rajnish Kumar Singh, Nutan Kumari Jha and Anil Kishore Sinha (2022)	Burden of Health Care Access and Expenditure among the Caregivers of Thalassemia patients; Journal of the Asiatic Society of Mumbai	0972-0766.	Yes	The Asiatic Society of Mumbai.
Rani D, Krishan K, Sahani R, Shrestha R, Kanchan T (2022)	Characteristic Features of Ear and Ear-Prints in Forensic Identification; The Journal of Craniofacial Surgery	1536-3732	Yes	Wolters Kluwer
Jagrithi Mehta, AK Sinha, Maninder Kaur (2021)	Climate change and its impact on health: perception of people of Kotkhai tehsil of district Shimla, Himachal Pradesh; Indian Journal of Development Research and Social Action.	0973-3116	Yes	Serial
Mankamal Kaur and Maninder Kaur (2022)	Cognitive performance of women at various stages of reproductive aging and associated risk factors; Climacteric.	1369-7137 / 1473-0804	Yes	Taylor & Francis Ltd , 2-4 Park Square,

Sankhyan, D., Sehrawat, J. S., & Talwar, M. (2021)	Comparison of dental age estimations from two radiographic methods of metric analysis in North Indian young adults; Australian Journal of Forensic Sciences	450618	Yes	Milton Park, Abingdon, England, Oxon, OX14 4RN Taylor & Francis Ltd , 2-4 Park Square, Milton Park, Abingdon, England, Oxon, OX14 4RN
Warrier V, Kanchan T, Shedge R, Krishan K, Singh S (2021)	Computed tomographic age estimation from the pubic symphysis using the Suchey-Brooks method: A Systematic Review and Meta-analysis; Forensic Science International	0379-0738	Yes	Elsevier Science
Warrier V, Shedge R, Garg PK, Dixit SG, Krishan K, Kanchan T (2022)	Computed tomographic evaluation of the acetabulum for age estimation in an Indian population using principal component analysis and regression models; International Journal of Legal Medicine	09379827, 14371596	Yes	Springer
Abhik Ghosh and Shivanshi Nehria (2022)	cop 26: looking for solutions to reducing carbon usage in india; World Focus	2230-5083	Yes	World Focus
Kiran Jyoti Kaur & A. K. SINHA. (2022)	Covid-19 and International Student Mobility from Punjab; South Asian Anthropologist	0257-7348	Yes	Serial
Mukhra R, Krishan K, Kanchan T (2021)	COVID-19 pandemic and 'Survival of the Fittest'; Journal of Infection in Developing Countries	1972-2680	Yes	Journal of Infection in Developing Countries
Kanchan T, Saraf A, Krishan K, Surekha B, Garg P, Misra S (2021)	COVID-19 pandemic: A reminder to develop Forensic Radiology facility; Journal of Infection in Developing Countries	1972-2680	Yes	Journal of Infection in Developing Countries
Warrier V, Kanchan T, Garg PK, Dixit SG, Shedge R, Krishan K (2022)	CT-based evaluation of the acetabulum for age estimation in an Indian population; International Journal of Legal Medicine	09379827, 14371596	Yes	Springer
J. S. Sehrawat*, B. Ahlawat (2022)	Dental Anomalies as Identification Strategies for Unknown Human Remains: Literature Review and Application; Forensic Sci Rev	1042-7201	Yes	Central Police University Press
Cousin E, Duncan BB, Krishan K, Naghavi M, Schmidt MI (2022)	Diabetes mortality and trends before 25 years of age: an analysis of the Global Burden of Disease Study 2019; The Lancet Diabetes & Endocrinology	22138587, 22138595	Yes	Elsevier

Jagriti Mehta, Anil Kishore Sinha and Maninder Kaur (2021)	Emic View Of Causal Nexus Between Climate Change And Livelihood: A Micro Level Analysis Of A Macro Level Phenomenon; The Eastern Anthropologist 74: 4 (2021)	0012-8686	Yes	Serial Publications
Kanchan T, Chugh V, Chugh A, Setia P, Shedge R, Krishan K (2021)	Estimation of sex from dental arch dimensions: An odontometric analysis; The Journal of Craniofacial Surgery	1536-3732	Yes	Wolters Kluwer
Ramandeep Bawa and A.K. Sinha (2022)	Explaining the concept of Home Health Care Services-A review; Emerging Trends in Disease and Health Research	978-93-5547-029-4 (Print) 978-93-5547-036-2 (eBook)	Yes	Book Publisher International
Sankhyan, D., Sehrawat, J., & Talwar, M. (2022)	Forensic Dental Age Estimation of North Indian Children Using Three Radiological Scoring Methods.; Arab Journal of Forensic Sciences & Forensic Medicine, 4(1)	1658-6786	Yes	Naif Arab University for Security Sciences (NAUSS), Riyadh – Kingdom of Saudi Arabia
Tyrovolas S, Stergachis A, Krish VS, Krishan K, Kotsakis GA, Kassebaum NJ (2022)	Global, regional, and national burden of diseases and injuries for adults 70 years and older: systematic analysis for the Global Burden of Disease 2019 Study; BMJ-British Medical Journal	2044-6055	Yes	Elsevier
Feigin VL, Stark BA, Johnson CO, Krishan K, Zuniga YMH, Christopher JLM (2021)	Global, regional, and national burden of stroke and its risk factors, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019; The Lancet Neurology	1474-4465	Yes	Elsevier
Ward JL, Azzopardi PS, Francis KL, Krishan K, Patton GC, Viner RM (2021)	Global, regional, and national mortality among young people aged 10–24 years, 1950–2019: a systematic analysis for the Global Burden of Disease Study 2019; The Lancet	0140-6736	Yes	Elsevier
Paulson KR, Kamath AM, Alam T, Krishan K, Wang H, Kassebaum NJ (2021)	Global, regional, and national progress towards Sustainable Development Goal 3.2 for neonatal and child health: all-cause and cause-specific mortality findings from the Global Burden of Disease Study 2019; The Lancet	0140-6736	Yes	Elsevier
Ledesma JR, Ma J, Vongpradith A, Krishan K, Hay SI, Murray CJL, Kyu HH (2022)	Global, regional, and national sex differences in the global burden of tuberculosis by HIV status, 1990–2019: results from the Global Burden of Disease Study 2019; The Lancet Infectious Diseases	1473-3099	Yes	Elsevier
Jahagirdar D, Walters MK, Novotney, A, Krishan K, Hay SI, Murray CJL, Kyu HH (2021)	Global, regional, and national sex-specific burden and control of the HIV epidemic, 1990–2019, for 204 countries and territories: the Global	0140-6736	Yes	Elsevier

	Burden of Diseases Study 2019; The Lancet			
Ankita Guleria, Kewal Krishan, Vishal Sharma, Tanuj Kanchan (2021)	Impact of prolonged wearing of face masks – medical and forensic implications; The journal of Infection in Developing Countries	1972-2680	Yes	JIDC
Rita Kumari, Ashish Sharma, Ritu Nehra, Kewal Krishan and Anil Kishore Sinha (2021)	Impact on Awareness Generation and Interventional Role of Print Media in Context to organ donation and transplantation; Journal of Social Anthropology	0973-3582	Yes	Serial
Sehrawat, J. S. (2021)	Iris pattern recognition as an infallible mean of identity establishment in forensic case work; Journal of Forensic Medicine and Toxicology, 38(1)	09711929	Yes	Medicolegal Society
Mankamal Kaur and Maninder Kaur (2022)	Is the cognitive performance of women sensitive to the severity of menopausal symptoms.; Menopause	1072-3714 / 1530-0374	Yes	Lippincott Williams & Wilkins , Two Commerce Sq, 2001 Market St, Philadelphia, USA, PA, 19103
Frostad JJ, Nguyen QP,...Krishan K,...Hay SI, Reiner RC (2022)	Mapping development and health effects of cooking with solid fuels in low-income and middle-income countries, 2000–18: a geospatial modelling study; The Lancet Public Health 10	0	Yes	Lancet
Bhattacharjee NV, Schaeffer LE,...Krishan K,...Hay SI (2021)	Mapping inequalities in exclusive breastfeeding in low- and middle-income countries, 2000–2018; Nature Human Behaviour	2397-3374	Yes	Springer Nature
Warrier V, Shedge R, Krishan K, Kanchan T (2022)	McKern-Stewart method as a technique for analysing age related pubic symphyseal changes: A Systematic Review and Meta-analysis; Medicine Science and the Law-The journal of British Academy of Forensic Science	0025-8024	Yes	Sage Publications
Haakenstad A, Irvine CMS, Knight M,...Krishan K,...Lim SS, Murray CJL, Lozano R (2022)	Measuring the availability of human resources for health and its relationship to universal health coverage for 204 countries and territories from 1990 to 2019: a systematic analysis for the Global Burden of Disease Study 2019; The Lancet	0140-6736	Yes	Elsevier
Acharya,A. B., & Sehrawat, J. S. (2021)	Morphological dental trait examination of Ajnala skeletal remains and their possible population affinity; The Journal of Forensic Odontostomatology,	22196749, 0258414X	Yes	international organization for forensic



Ramandeep Kaur, Sanjay Kumar Bhadada, Sandeep Grover and Anil Kishore Sinha (2022)	Perceptions, Awareness and Knowledge about Type 1 Diabetes Mellitus; Skylines of Anthropology	2583-1402	Yes	odonto-stomatology ARF India
Krishan K, Kanchan T (2021)	Persistence and distribution of SARS-CoV-2 in the aerosol and on the surfaces; La ClinicaTerapeutica	printed): 0009-9074 ISSN (epub): 1972-6007	Yes	Societa Editrice Universo
Raminder Kaur, Maninder Kaur, Vanita Suri (2021)	Phenotypic presentation of PCOS with respect to BMI in a north Indian population.; La ClinicaTerapeutica	ISSN:0009-9074E-ISSN:1972-6007	Yes	Societa Editrice Universo
. Sehrawat, J. S., Agrawal, S., Sankhyan, D., Singh, M., Kumar, S., Prakash, S., ... & Rai, N. (2022)	Pinpointing the Geographic Origin of 165-Year-Old Human Skeletal Remains Found in Punjab, India: Evidence From Mitochondrial DNA and Stable Isotope Analysis; Frontiers in Genetics	16648021	Yes	Frontiers Media
Bryazka D, Reitsma MB, Griswold MG,.....Krishan K, Gakidou E (2022)	Population-level risks of alcohol consumption by amount, geography, age, sex, and year: a systematic analysis for the Global Burden of Disease Study 2020; The Lancet	0140-6736	Yes	Elsevier
Maninder Kaur, Mankamal Kaur, Divjot Kaur (2022)	Prevalence and predictors of cognitive impairment among aged males and females: A population based cross-sectional study.; South Asian Anthropologist	0257-7348	Yes	Serial
Abhik Ghosh (2021)	Review of Architects of Anthropology in India Vol.1; Journal of the Indian Anthropological Society	0019-4387	Yes	Journal of the Indian Anthropological Society
Mansi Singh and Anil Kishore Sinha (2022)	Ritual Sanctity in Bon Buddhist Religious Practices of Tibet as Visualized in the Lower Shivaliks: A case of Menri Monastery in Solan, Himachal Pradesh; International Journal of Management Studies and Social Science Research	2582-0265	Yes	origins publication
Sehrawat, J. S. (2021)	Role of mitochondrial DNA analyses in provenancing unknown human skeletal remains: Probabilities and limitations; Journal of Forensic Medicine and Toxicology	09711929	Yes	Medicolegal Society
Sharma S, Shrestha R, Krishan K, Kanchan T (2021)	Sex estimation from fingerprint ridge density- A review of literature; Acta Biomedica	3924203	Yes	Mattioli 1885

Kendrick PJ, Reitsma MB, ....Krishan K,....Gakidou E (2021)	Spatial, temporal, and demographic patterns in prevalence of chewing tobacco use in 204 countries and territories, 1990–2019: a systematic analysis from the Global Burden of Disease Study 2019; The Lancet Public Health	2468-2667	Yes	Elsevier
Sehrawat, J., Sankhyan, D., Dutt, S.,& Rai, N. (2021)	Stable C and N isotope analysis of human dental remains retrieved from an ancient well at Ajnala (Punjab, India): Assessment of Dietary status and geographic affiliations; <a href="https://doi.org/10.21203/rs.3.rs-1053629/v1">https://doi.org/10.21203/rs.3.rs-1053629/v1</a>	00000	Yes	Research square
Mansi Singh, A.K. Sinha and Rajni Lamba (2021)	The BonpaIndigenous Cure System of Sowa Rigpa or ‘Science of Healing’ Practices: An Exploratory Study; Linguistics and Culture Review	2690-103X (online)	Yes	American Linguist Association
Kathane P, Singh A, Gaur JR, Krishan K (2021)	The development, status and future of forensics in India; Forensic Science International: Reports	2665-9107.	Yes	Elsevier Science
Tran KB, Lang JJ, .....Krishan K, ..... Force LM, Murray CJL (2022)	The global burden of cancer attributable to risk factors, 2010-19: a systematic analysis for the Global Burden of Disease Study 2019.; Lancet.	0140-6736	Yes	Elsevier
Zou, Z., Liu, G., Hay, S. I., Basu, S., Belgaumi, U. I., Dhali, A., Dhingra, S., Fekadu, G., Golechh (2022)	Time trends in tuberculosis mortality across the BRICS: an age-period-cohort analysis for the GBD 2019.; EClinicalMedicine, 53, 101646	2589-5370.	Yes	The Lancet
Verma R, Bhardwaj N, Bhavsar A, Krishan K (2022)	Towards facial recognition using likelihood ratio approach to facial landmark indices from images; Forensic Science International Reports	2665-9107.	Yes	Elsevier
Micah AE, Cogswell IE, Cunningham B,....Krishan K,....Hay SI, Murray CJL, Dieleman JL (2021)	Tracking development assistance for health and for COVID-19: a review of development assistance, government, out-of-pocket, and other private spending on health for 204 countries and territories 1990–2050; The Lancet	0140-6736	Yes	Elsevier
J.S. Sehrawat, Shubham Thakur (2022)	Traumatic And Pathologic Signatures of Identity in Human Skeletal Remains: Exemplified from Forensic Anthropological Identification of Ajnala Skeletal Remains; Journal of Forensic Medicine and Toxicology	09711929	Yes	Medicolegal Society
Rani D, Krishan K, Sahani R, Baryah N, Kanchan T (2021)	Variability in human external ear anthropometry – A study from Himachal Pradesh state in North India; La ClinicaTerapeutica	printed): 0009-9074 ISSN (epub): 1972-6007	Yes	SocietàEditriceUniverso

**DETAILS OF PUBLICATIONS****Full Papers Published in Proceedings of Conferences**

Name of Author	Title of the Paper	ISSN Number	Publisher
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**DETAILS OF PUBLICATIONS****ARTICLES PUBLISHED IN NEWSPAPERS**

Name of Author	Title of the Paper	ISSN Number	Publisher
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S.no	Department	Type of Journal	International	National	Others	Total
1	Department of Anthropology	Peer Review Journals	47	18	1	66
2	Department of Anthropology	Chapter in a book	2	2	0	4

**RESEARCH SCHEMES****Sponsored Research Projects during the Academic Year 2021 - 2022**

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
UGC	Human Ecology in Northwest India, Biocultural dimensions of health and Disease , Palaeoanthropology and Molecular Anthropology (CAS-II)	9400000	1397599	Major	2018 - 2023	Prof. Abhik Ghosh
DST-SERB	Forensic Anthropological Provenancing of Human Skeletal remains excavated from a well at Ajnela (Amritsar): Bones, teeth and personal artefacts as identity significances	3058000	3058000	Major	2018 - Till Date	Dr. J. S. Sehrawat
Department of Science and Technology, Government of India, New Delhi	Association of menopausal symptoms and fat distribution with cognitive functions among rural women of Haryana	2268240	2268240	Major	2020 - Till Date	Dr. Maninder Kaur

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT****Details of Seminars, Conferences, and Workshops organized during the Academic Year**

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Anthropology And Health: Responses To COVID-19	2022-03-10	2022-03-11	Dr Maninder Kaur Dr J S Sehrawat	195
Ethical issues in doing research with tribal communities	2021-11-20	2021-11-10	Dr. Maninder kaur	75

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Mental Health	2022-02-11	2022-02-11	Dr. Maninder kaur	32
Prevalance of Overnutrition and Anaemia among the Indians	2021-10-28	2021-10-28	Dr. Maninder kaurK	45

### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

#### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S.n	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Department of Anthropology	Dr Ramesh Sahani	FDP	Professional Development Programmes	Faculty Development Programme	National	Department of Anthropology, Panjab University, Chandigarh	26/04/2022	02/05/2022	Department of Anthropology and HRDC , Panjab University, Chandigarh
2	Department of Anthropology	Dr. Maninder Kaur	How to Develop a Technology	Professional Development Programmes	Faculty Development Programme	National	Panjab University, Chandigarh	05/04/2022	11/04/2022	UGC-HRDC, Panjab University, Chandigarh
3	Department of Anthropology	Abhik Ghosh	Refresher course on shifting paradigms in Social science research	Professional Development Programmes	Refresher Course	National	Dr. Harisingh Gour University	07/12/2021	07/12/2021	Dr. Harisingh Gour University
4	Department of Anthropology	Abhik Ghosh	Tribal Studies	Professional Development Programmes	Refresher Course	National	HRDC, Ranchi University	11/01/2022	11/01/2022	Ranchi University
5	Department of Anthropology	Abhik Ghosh	Training on child labour and begging:solutions and corrective measures for J & K.	seminar	Others	National	J&K	03/02/2022	03/02/2022	Integrated child protection services (ICPS), Social welfare department, Govt of J&Kand Innovative minds education and welfare society (J&K)
6	Department of Anthropology	Abhik Ghosh	Anthropology in 21st century and beyond	seminar	Others	National	University of Delhi	09/02/2022	11/02/2022	Department of Anthropology, Delhi University
7	Department of Anthropology	Abhik Ghosh	Historical development of Anthropology as a discipline in Asia	other	Others	International	online	17/02/2022	17/02/2022	Deptt of Anthropology, Dera Natung government college, Itanagar, Arunachal Pradesh, Deptt of Anthropology, University of Sri Jayawardenepura, Nugegoda, Sri lanka, and Deptt of

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
										Anthropology, Mrinalini
8	Department of Anthropology	Abhik Ghosh	Refresher course	other	Refresher Course	National	Manipur University	24/03/2022	24/03/2022	HRDC and Deptt of Anthropology, Manipur University
9	Department of Anthropology	Abhik Ghosh	Refresher course in Anthropology and Sociology	other	Refresher Course	National	Guwahati University	29/03/2022	29/03/2022	HRDC and deptt of Anthropology, Guwahati University
10	Department of Anthropology	Abhik Ghosh	Research in Social Sciences: Methods, Tools and Techniques	workshop	Summer/Winter School Workshop etc	National	Rohtak (Haryana)	09/05/2022	13/05/2022	M.D University, Rohtak (Haryana)
11	Department of Anthropology	Abhik Ghosh	Dr. Dev Nath Pathak's book- In defense of the ordinary	webinar	Others	National	0	10/09/2021	10/09/2021	Culture Matters with Kailash kumar Mishra
12	Department of Anthropology	Abhik Ghosh	Indian art, craft and heritage	conference	Others	International	online	24/09/2021	25/09/2021	Woxsen University, Hyderabad and Banaras Hindu University
13	Department of Anthropology	Abhik Ghosh	Shifting trajectories of research in cultural studies	seminar	Others	National	online	25/11/2021	26/11/2021	Department of English and culture studies, Panjab university, Chandigarh
14	Department of Anthropology	Abhik Ghosh	Two-day World Anthropology pre-congress, 2022	other	Others	International	Lucknow	26/02/2022	26/02/2022	IAA, IUAES, W AU, EFCS, Lucknow University
15	Department of Anthropology	Prof. Abhik Ghosh	Anthropology and Health: Responses to Covid-19	conference	Academic and Research Event	National	Department of Anthropology, Panjab University, Chandigarh	10/03/2022	11/03/2022	Department of Anthropology, Panjab University, Chandigarh
16	Department of Anthropology	Prof. Abhik Ghosh	Audio-Visual Methods in Research: Locating Theory in Practice	Professional Development Programmes	Faculty Development Programme	National	Department of Anthropology, Panjab University, Chandigarh	26/04/2022	02/05/2022	Chairperson, Department of Anthropology
17	Department of Anthropology	Ranjana	Online - FDP on Information Sources and Services for Teaching, Learning and Research	Professional Development Programmes	Faculty Development Programme	National	Chandigarh	01/02/2022	07/02/2022	HRDC

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
18	Department of Anthropology	Jagmaender Singh Sehrawat	Online – Research Methodology in Sciences	Professional Development Programmes	Refresher Course	National	Chandigarh	14/09/2021	27/09/2021	HRDC

### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	Department of Anthropology	Nutan Kumari Jha	Maternal Morbidity And Associated Risk Factors Among The Khasi of RiBhoi District, Meghalaya: An Anthropological Study.	2021-08-09	Prof. A.K. Sinha
2	Department of Anthropology	Jagriti Mehta	Climate Change and its Impact on the Livelihood of the people of Tehsil Kotkhai, District Shimla, Himachal Pradesh	2022-04-02	Prof. A.K. Sinha Dr. Maninder Kaur
3	Department of Anthropology	Abhishek Guleria	Student Political Scenario at PU Campus in the context of gender in religion and caste	2021-12-06	Dr Ramesh Sahani
4	Department of Anthropology	Sahil Bansal	Anthropological Study of Labour Migrants from Bihar in Chandigarh: Continuities and Change.	2021-09-30	Prof. A.K. Sinha
5	Department of Anthropology	Dinesh Kumar	Societal Politics and Administrative Politics for the Specially challenged Individual-Dialectics of Enableness and Empiricism-Anthropological Insights in to the Lives of physically and mentally challenged	2022-02-22	Prof. Shalina Mehta
6	Department of Anthropology	Amandeep Kaur	Remixing Culture in the Grain Bowl: A Study in Agricultural Anthropology in Faridkot district, Punjab	2022-05-03	Dr. Abhik Ghosh
7	Department of Anthropology	Nitin Singh Mandla	Forensic Assessment of Effect Of Regional Scripts (Mother Tongue) on English Handwriting in India	2021-12-06	Dr. Abhik Ghosh & Dr. KewalKrishan
8	Department of Anthropology	Neha	A Forensic Anthropological Approach To Study The Extent Of Sex And Ethnic Variations In Fingerprint Minutiae Details Of Young Adults Residing In Parts Of Districts Solan And Shimla, Himachal Pradesh	2021-10-13	Dr. KewalKrishan Dr. SanjeevPuri
9	Department of Anthropology	Gian Singh	Physical Growth And Nutritional Status Of Tribal Pre-School Children Of Kinnaur District, Himachal Pradesh	2022-06-28	Dr. Indu Talwar
10	Department of Anthropology	Raminder Kaur	A study of Body composition characteristics, body fat distribution and hormonal profile of women with Polycystic ovary syndrome	2021-12-06	Dr. Maninder Kaur, Dr. Vanita Suri

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
11	Department of Anthropology	Deeksha Sankhyan	Forensic dental age estimations in a North Indian population- testing applicability and suitability of different radiological methods (submitted mid September)	2021-09-30	Dr. Jagminder Sehrawat Dr. Manjit Talwar GMCH 32, Chd.
12	Department of Anthropology	Vandana Kumari	Social Change in Jaunsar-Bawar: A study of Politics of Development	2022-04-30	Dr. Ramesh Sahani
13	Department of Anthropology	Tej Kaur	Morphometric And Morphoscopic Study Of Ear And Nose In Adult Population Of Mandi, Himachal Pradesh- A Forensic Anthropological Investigation	2022-02-06	Dr. Kewal Krishan, Dr. Adarsh Kumar
14	Department of Anthropology	Simmy	Symbols Of The Subaltern: An Anthropological Study Of The Gaddi Assertion In Bharmaur, Himachal Pradesh, India	2021-09-15	Prof. Abhik Ghosh

### MISCELLANEOUS

Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
NIL		

1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
NIL							

2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
NIL									

3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	25	0	25
Class rooms	5	0	5
Class rooms with Wifi/LAN facility	5	0	5
Class rooms with ICT facility (LCD/Projector)	1	0	1
No. of Research Labs	7	0	7
No. of Computer labs	1	0	1
Video Centre	0	0	0
Seminar Halls with ICT facility	1	0	1
Seminar Halls	0	0	0

Facilities	Existing	Newly Created/Added	Total
No. of important equipments purchased ( $\geq 10$ lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0

#### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

#### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
Celebrated 75 Years of India's Independence on "The Unsung heroes"	13/08/2021	13/08/2021
Poster Competition to Celebrate World Health Day on "Our Planet Our Health"	07/04/2022	07/04/2022
World Earth Day Celebration	22/04/2022	22/04/2022
World Yoga Celebration	21/06/2022	21/06/2022
Slogan Writing Competition	26/06/2022	26/06/2022

#### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

#### 7. Number of Patents Published/Awarded

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

#### 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

## BIOCHEMISTRY

### SUMMARY OF PUBLICATIONS

#### PUBLICATIONS

#### DETAILS OF PUBLICATIONS

#### (Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Rajat Sandhir (2022)	Biphasic Role of Microglia in Healthy and Diseased Brain; Book cover Book cover The Biology of Glial Cells: Recent Advances; Springer	978-981-16-8312-1	International
Dr, Nirmal Prabhakar (2021)	Electrochemical Nanobiosensors for Cancer Diagnosis; Electrochemical Nanobiosensors for Cancer Diagnosis in Biosensors: Materials and Applications; Materials Research Foundations	NIL	International
Prof. Rajat Sandhir (2022)	Gut-Brain Axis: Role of Gut Microbiota in Neurodegenerative Disease; Probiotic Research in	978-981-16-6759-6	International



Name of Author	Title of the Paper	ISBN Number	State/ National/ International
	Therapeutics: Volume 4: Probiotics in Neurodegenerative Disorders; Springer		
Prof. Rajat Sandhir (2022)	Increasing resveratrol bioavailability: A therapeutic challenge focusing on the mitochondria; Mitochondrial Dysfunction and Nanotherapeutics; Elsevier	9780323856669	International
Prof. Rajat Sandhir (2021)	Molecular Simulation To Explore Therapeutic Efficacy of Novel Compounds For Prevention and Management of Alzheimer Disease; Mitochondrial Dysfunction and Nanotherapeutics; Elsevier	9780323856669	International
Prof.Navneet Agnihotri (2022)	Sphingolipids: A Roadmap from Biomarker Identification to Clinical Application.; Biomedical Translational Research.; Springer.	978-981- 16-4345-3	International

#### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Prof. Archana Bhatnagar (2022)	A Molecular Insight into Significance of Functional Foods in Better Management of Rheumatoid Arthritis; Revista Brasileira de Farmacognosia	1981-528X	Yes	Springer
Prof. Rajat Sandhir (2022)	Amifostine analog, DRDE-30, alleviates radiation induced lung damage by attenuating inflammation and fibrosis; Life Sciences	00243205	Yes	Elsevier
Prof. Archana Bhatnagar (2021)	Antioxidant activity of biogenic silver nanoparticles on cells; AIP Conference Proceedings	0094243X	Yes	American Institute of Physics
Prof. Sukesh Chander Sharma (2022)	Biochemical Basis of Xylooligosaccharide Utilisation by Gut Bacteria; International Journal of Molecular Sciences	ISSN 16616596	Yes	MDPI
Prof. Amarjit Singh Naura (2022)	COVID-19 and ARDS: Update on Preventive and Therapeutic Venues; Current Molecular Medicine	ISSN 15665240	Yes	Bentham
Prof. Amarjit Singh Naura (2021)	Covid-19 severity: Lung-heart interplay; Current Cardiology Reviews	ISSN 1573403X	Yes	Bentham
Prof. Sukesh Chander Sharma (2022)	Decolorization and detoxification of textile effluent by immobilized laccase-ACS into chitosan-clay composite beads using a packed bed reactor system: An ecofriendly approach; Journal of Water Process Engineering	ISSN 22147144	No	Elsevier
Prof. Archana Bhatnagar (2021)	Determination of an organophosphate pesticide using antibody immobilised hybrid nanocomposites; International Journal of Environmental Analytical Chemistry	03067319	Yes	Taylor & Francis

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISSN Number</b>	<b>Peer Reviewed (Y/N)</b>	<b>Publisher</b>
Dr. Nirmal Prabhakar (2021)	Determination of an organophosphate pesticide using antibody immobilised hybrid nanocomposites; International Journal of Environmental Analytical Chemistry	03067319	Yes	Taylor & Francis
Prof. Rajat Sandhir (2021)	Effect of hepcidin antagonists on anemia during inflammatory disorders; Pharmacology and Therapeutics	01637258	Yes	Elsevier
Prof. Archana Bhatnagar (2021)	Electrochemical detection of hepcidin based on spiegelmer and MoS <sub>2</sub> NF-GNR@AuNPs as sensing platform; Analytica Chimica Acta	00032670	Yes	Elsevier
Dr, Nirmal Prabhakar (2021)	Electrochemical detection of hepcidin based on spiegelmer and MoS <sub>2</sub> NF-GNR@AuNPs as sensing platform; Analytica Chimica Acta	00032670	Yes	Elsevier
Dr, Nirmal Prabhakar (2022)	Evaluation of corrosion resistant, antimicrobial and cytocompatible behaviour of cobalt based metallosurfactants self-assembled monolayers on 316L stainless steel surface; Surface and Coatings Technology	0257-8972	Yes	Elsevier
Dr, Nirmal Prabhakar (2022)	Evaluation of liver specific ionizable lipid nanocarrier in the delivery of siRNA; Chemistry and Physics of Lipids	00093084	Yes	Elsevier
Prof. Archana Bhatnagar (2022)	Evaluation of liver specific ionizable lipid nanocarrier in the delivery of siRNA; Chemistry and Physics of Lipids	00093084	Yes	Elsevier
Prof.Navneet Agnihotri (2021)	Expression of miR-18a-5p, miR-144-3p, and miR-663b in colorectal cancer and their association with cholesterol homeostasis; Journal of Steroid Biochemistry and Molecular Biology	09600760	Yes	Elsevier
Prof. Rajat Sandhir (2022)	Garcinol blocks motor behavioural deficits by providing dopaminergic neuroprotection in MPTP mouse model of Parkinson's disease: involvement of anti-inflammatory response; Experimental Brain Research	00144819	Yes	Springer Nature
Prof. Archana Bhatnagar (2021)	Global histone modification analysis reveals hypoacetylated H3 and H4 histones in B Cells from systemic lupus erythematosus patients; Immunology Letters	01652478	Yes	Elsevier
Prof.Navneet Agnihotri (2022)	Glutamine conjugated organotin(IV) Schiff base compounds: Synthesis, structure, and anticancer properties; Applied Organometallic Chemistry	0268-2605	Yes	Wiley-Blackwell
Prof. Rajat Sandhir (2021)	Hydroxytyrosol as anti-parkinsonian molecule: Assessment using in-silico and MPTP-induced Parkinson's disease model; Biomedicine and Pharmacotherapy	07533322	Yes	Elsevier
Prof. Rajat Sandhir (2021)	Impaired mitochondrial functions and energy metabolism in MPTP-induced Parkinson's disease:	08857490	Yes	Springer Nature

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISSN Number</b>	<b>Peer Reviewed (Y/N)</b>	<b>Publisher</b>
	comparison of mice strains and dose regimens; Metabolic Brain Disease			
Prof. Amarjit Singh Naura (2022)	Implication of mitochondrial ROS-NLRP3 inflammasome axis during two-hit mediated acute lung injury in mice; Free Radical Research	ISSN 10715762	Yes	Taylor and Francis
Prof. Archana Bhatnagar (2022)	Interplay of redox imbalance with matrix gelatinases in neutrophils and their association with disease severity in rheumatoid arthritis patients; Clinical Immunology	15216616	Yes	Elsevier
Dr, Nirmal Prabhakar (2021)	Iron disorders and hepcidin; Clinica Chimica Acta	00098981	Yes	Elsevier
Prof. Rajat Sandhir (2021)	Mitochondrial DNA mutations contribute to high altitude pulmonary edema via increased oxidative stress and metabolic reprogramming during hypobaric hypoxia; Biochimica et Biophysica Acta - Bioenergetics	00052728	Yes	Elsevier
Dr. Dipti Sareen (2021)	New developments in RiPP discovery, enzymology and engineering; Natural Product Reports	02650568, 14604752.	Yes	Royal Society of Chemistry
Prof. Amarjit Singh Naura (2022)	Particulate matter in COPD pathogenesis: an overview; Inflammation Research	ISSN 10233830	Yes	Springer
Prof. Archana Bhatnagar (2022)	Proportion of B cell subsets and Nrf2 mediated redox regulation in systemic lupus erythematosus patients; Immunobiology	01712985	Yes	Elsevier
Prof. Archana Bhatnagar (2021)	Role of oxidative stress in pathophysiology of rheumatoid arthritis: insights into NRF2-KEAP1 signalling; Autoimmunity	08916934	Yes	Taylor and Francis
Prof. Rajat Sandhir (2022)	S-nitrosoglutathione alleviates hyperglycemia-induced neurobehavioral deficits involving nitro-oxidative stress and aberrant monoaminergic system; Nitric Oxide - Biology and Chemistry	10898603	Yes	Elsevier
Prof. Rajat Sandhir (2022)	SiRNA Mediated GSK3 $\beta$ Knockdown Targets Insulin Signaling Pathway and Rescues Alzheimer's Disease Pathology: Evidence from in Vitro and in Vivo Studies; ACS applied materials & interfaces	19448244	Yes	American Chemical Society
Dr, Nirmal Prabhakar (2022)	Structural insight on thiourea doped graphene: An efficient electrochemical sensor for voltammetric detection of morphine in alcoholic and non-alcoholic beverages; Current Research in Green and Sustainable Chemistry	26660865	Yes	Elsevier
Prof. Rajat Sandhir (2022)	Structure-based virtual screening for identification of potential non-steroidal LXR modulators against neurodegenerative conditions; Journal of Steroid Biochemistry and Molecular Biology	09600760	Yes	Elsevier

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Prof.Navneet Agnihotri (2022)	Synthesis and In Vitro Analysis of 1-Deoxysphingolipid Ceramide Analogues via UGI Reaction as Potential Anti-cancer Agents; Chemistry Select	23656549	Yes	John Wiley and Sons Inc
Prof.Navneet Agnihotri (2022)	Targeting fuel pocket of cancer cell metabolism: A focus on glutaminolysis; Biochemical Pharmacology	ISSN 00062952	Yes	Elsevier
Prof. Rajat Sandhir (2022)	Targeting SARS-CoV-2 main protease: structure based virtual screening, in silico ADMET studies and molecular dynamics simulation for identification of potential inhibitors; Journal of Biomolecular Structure and Dynamics	07391102	Yes	Taylor and Francis
Dr. Dipti Sareen (2021)	Thiopeptides encoding biosynthetic gene clusters mined from bacterial genomes; Journal of Biosciences	0250-5991	Yes	Springer
Prof.Navneet Agnihotri (2021)	Understanding the regulation of $\beta$ -catenin expression and activity in colorectal cancer carcinogenesis: beyond destruction complex; Clinical and Translational Oncology	1699048X	Yes	Springer
Prof. Rajat Sandhir (2021)	Unique mutations in mitochondrial DNA and associated pathways involved in high altitude pulmonary edema susceptibility in Indian lowlanders; Journal of Biomolecular Structure and Dynamics	07391102	Yes	Taylor & Francis
Dr, Nirmal Prabhakar (2021)	Voltammetric detection of vitamin D employing Au-MoS <sub>2</sub> hybrid as immunosensing platform; Microchimica Acta	00263672,1436-5073	Yes	Springer Nature

#### DETAILS OF PUBLICATIONS

##### Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### DETAILS OF PUBLICATIONS

##### Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### Summary of Research Publications July 1, 2021 to June 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	Department of Biochemistry	Peer Review Journals	39	1	0	40
2	Department of Biochemistry	e-Journals	1	0	0	1
3	Department of Biochemistry	Book with ISBN	1	0	0	1
4	Department of Biochemistry	Chapter in a book	6	1	0	7

## RESEARCH SCHEMES

### Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
DST-SERB	DST	5400240	1000000	Major	2019 - 2023	Dr. Dipti Sareen
DST	DST	3099000	960400	Major	2018 - 2021	Dr. Kavleen Sikand
DBT	DBT	10010000	1610000	Major	2017 - 2022	Dr. Dipanjan Dutta
CSIR	CSIR	1500000	400014	Major	2020 - 2024	Prof. Navneet Agnihotri
ICMR	ICMR	4809700	2559466	Major	2020 - 2024	Prof. Navneet Agnihotri
ICMR	ICMR	2376560	487200	Major	2019 - Till Date	Dr. Dipanjan Dutta
DBT Indo-UK collaborative Joint Research Project	DBT	4817120	1156760	Major	2020 - 2029	Dr. Iqbal Ahmad, Associate Prof. Dipti Sareen
CSIR	CSIR	702000	282000	Major	2020 - 2026	Prof. Jagmohan Singh Emeritus Fellow
DBT	DBT-Builder	99998000	66830896	Major	2021 - 2026	Prof. A.S Naura, Prof. Archana Bhatnagar
DBT	DBT	99998000	66830896	Major	2021 - 2026	Prof. Archana Bhatnagar, Prof. A.S. Naura
DBT supported Skill Vigyan Program	DBT	1080000	540000	Major	2021 - 2023	Prof. Archana Bhatnagar
Nottingham Trent University, UK	NTU-PU Collaboration	1015148	326000	Minor	2021 - 2021	Prof. Archana Bhatnagar
DST	DST/INT/Egypt	910000	405000	Major	2021 - 2023	Prof Rajat Sandhir
UT-DST	UT-DST	200000	200000	Major	2021 - 2022	Prof. Rajat Sandhir
ICMR	ICMR	499984	424200	Student Research Projects	2018 - 2021	Prof. Akhtar Mahmood
Chandigarh administration	Short term research project	150000	150000	Minor	2020 - 2021	Dr. Neha Singla (PI) Dr. Gurpal Singh
ICMR	ICMR	2376560	487200	Major	2019 - Till Date	Dr. Dipanjan Dutta
CSIR	CSIR	702000	282000	Major	2020 - 2026	Prof. Jagmohan Singh Emeritus Fellow

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT**

**Details of Seminars, Conferences, and Workshops organized during the Academic Year**

<b>Title of the Event</b>	<b>From Date</b>	<b>To Date</b>	<b>Name of Coordinator / Convener</b>	<b>Number of Participants</b>
Role of Intestinal Microbiota and Probiotics in Health and Disease	2021-08-27	2021-08-27	Department of Biochemistry, Panjab University	30
Invites you for a lecture on Precision Medicine and Genetic Testing for Diagnosis and Treatment monitoring in Oncology	2021-09-30	2021-09-30	Department of Biochemistry, Panjab University	30
Invites you for a lecture on Biochemistry, Cell Biology and Physiology of Insulin's Life Cycle	2021-11-10	2021-11-10	Department of Biochemistry, Panjab University	30
In Vitro Diagnostics for COVID -19 pandemic : Achievements, Challenges & Future Directions	2021-12-02	2021-12-02	Department of Biochemistry, Panjab University	30
DCP and IX Presentation	2021-07-01	2021-07-01	Frédéric Gagnon	100
Hands on Training Workshop	2022-04-19	2022-04-20	Prof. Navneet Agnihotri	30
Trends In Immuno Technique	2021-11-15	2021-12-11	Prof. Archana bhatnagar	8
Sensitization workshop for ethics committees on first- in- human infection studies.	2021-08-06	2021-08-07	JIPMER, Pondicherry	50
IBRO-APRC Associate School on August 23 - 28, 2021 Organized by Department of Biochemistry Panjab University Chandigarh - 160014, India Neurobiology Of Addiction	2021-08-23	2021-08-28	Prof. Rajat Sandhir	22
Training session: Real Time PCR	2022-05-25	2022-05-25	Department of Biochemistry, Panjab University	15
Training Flow cytometer	2022-06-29	2022-06-29	Department of Biochemistry, Panjab University	7

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY**

**3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022**

<b>S.no</b>	<b>Department</b>	<b>Name</b>	<b>Title of event</b>	<b>Type</b>	<b>Special Category</b>	<b>Level</b>	<b>Place</b>	<b>From Date</b>	<b>To Date</b>	<b>Organized By</b>
1	Department of Biochemistry	Dr. Nirmal Prabhakar	“Information Sources and Services for Teaching, Learning and Research”	Professional Development Programmes	Faculty Development Programme	University	Panjab University	01/02/2022	07/02/2022	Human Resource Development Centre, Panjab University, Chandigarh under RUSA 2.0 grant.
2	Department of Biochemistry	Prof. Archana Bhatnagar	Sentization workshop for Ethics Committees on first-in-human infection studies	workshop	Training/Orientation	National	Online	06/08/2021	07/08/2021	CDSA, THSTI, Faridabad

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
3	Department of Biochemistry	Prof. Archana Bhatnagar	5TH IBRO/APRC Chandigarh Neuroscience school on neuropsychiatric and neurodegenerative diseases	conference	Training/Orientation	International	Online	23/08/2021	27/08/2021	UIPS, Panjab University, Chandigarh
4	Department of Biochemistry	Prof. Archana Bhatnagar	How to read Scientific literature.	webinar	Training/Orientation	National	Online	13/07/2021	13/07/2021	NCCS, Pune, Iiser Pune, Persisatnt Labs Pune, DBT-New Delhi
5	Department of Biochemistry	Prof. Archana Bhatnagar	Twisted events in twilight of Immunity	other	Others	National	Online	05/04/2022	05/04/2022	Society of Biological Chemists (INDIA), Pantnagar
6	Department of Biochemistry	Prof. Amarjit Singh Naura	Screening of Randia Demetorium Lamk. Extracts for anti-inflammatory activity using mouse model of HCl induced ALI.	other	Training/Orientation	National	Online	01/07/2021	10/07/2021	Screening of Randia Demetorium Lamk. Extracts for anti-inflammatory activity using mouse model of HCl induced ALI.
7	Department of Biochemistry	Prof. Amarjit Singh Naura	Trends in Immuno Techniques	other	Training/Orientation	National	Department of Biochemistry, PU	15/11/2021	11/12/2021	Department of Biochemistry, PU
8	Department of Biochemistry	Prof. Amarjit Singh Naura	Redox Homeostasis: An Universal Process in Diverse Cellular Events	webinar	Academic and Research Event	National	Online	20/12/2021	20/12/2021	Utkal University, Bubbhness war
9	Department of Biochemistry	Prof. Amarjit Singh Naura	FOCIS Advanced Course 2022	other	Academic and Research Event	International	Online	07/03/2022	09/03/2022	Federation of Clinical Immunology Societies, USA
10	Department of Biochemistry	Prof. Archana Bhatnagar	Emerging Trends and Alternatives in Pharmacological Research	other	Academic and Research Event	National	UIPS, P.U, Chandigarh.	14/02/2022	19/02/2022	UIPS, P.U, Chandigarh.
11	Department of Biochemistry	Prof. Archana Bhatnagar	Immune System goes over the hill	other	Academic and Research Event	National	GGDSD College Chandigarh	26/03/2022	26/03/2022	GGDSD College Chandigarh
12	Department of Biochemistry	Prof. Archana Bhatnagar	Manav Faculty Level Survey	other	Academic and Research Event	National	Online	16/12/2021	27/12/2021	NCCS, Pune and IISER, Pune
13	Department of Biochemistry	Dr. Nirmal Prabhakar	Trends in Immuno Techniques	Professional Development Programmes	Academic and Research Event	National	Department of Biochemistry, Panjab University	15/11/2021	11/12/2022	Department of Biochemistry, Panjab University
14	Department of Biochemistry	Dr. Dipti Sareen	'Antimicrobial Resistance in Foodborne	workshop	Academic and	International	Online	14/03/2022	16/03/2022	Division of Veterinary Public Health ICAR-

S.No	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
			Pathogens: Safety Concern'		Research Event					Indian Veterinary Research Institute, Izatnagar, 243122, Bareilly (U.P.)
15	Department of Biochemistry	Dr. Dipti Sareen	AMR detection methods India-UK Workshops	workshop	Academic and Research Event	International	Online	06/12/2021	06/12/2021	AMR flows team
16	Department of Biochemistry	Dr. Dipti Sareen	AMR detection methods India-UK Workshops	workshop	Academic and Research Event	International	Online	09/12/2021	09/12/2021	AMR flows team
17	Department of Biochemistry	Dr. Dipti Sareen	AMR detection methods India-UK Workshops	workshop	Academic and Research Event	International	Online	08/04/2022	08/04/2022	AMR flows team
18	Department of Biochemistry	Dr. Dipti Sareen	India-UK Tackling AMR in the Environment from Antimicrobial Manufacturing Waste.	workshop	Academic and Research Event	International	Online	24/01/2022	24/01/2022	NERC Science of the Environment
19	Department of Biochemistry	Prof. Rajat Sandhir	DBT-SERB SSR Workshop	workshop	Academic and Research Event	National	NABI	25/04/2022	26/04/2022	NABI
20	Department of Biochemistry	Prof. Rajat Sandhir	IBRO-APRC School "Neurobiology of Addiction"	other	Summer/Winter School Workshop etc	International	Panjab University	23/08/2021	28/08/2021	Prof. Rajat Sandhir
21	Department of Biochemistry	Prof. Rajat Sandhir	Artificial Intelligence In Drug Discovery: Quickening The Pace From Bench to Bed-side	workshop	Summer/Winter School Workshop etc	National	IIT BHU	23/05/2022	29/05/2022	IIT BHU
22	Department of Biochemistry	Prof. Rajat Sandhir	Lecture on , Nobel Prize in Medicine-2021	webinar	Academic and Research Event	National	Online	30/10/2021	30/10/2021	SPSTI, NASI, PEC
23	Department of Biochemistry	Prof. Rajat Sandhir	'Integrated Approach in Science & Technology for Sustainable Future'	seminar	Academic and Research Event	National	Online	02/03/2022	02/03/2022	GNA University
24	Department of Biochemistry	Prof. Rajat Sandhir	" Integrated Approach In Science & Technology For Sustainable FuturE"	symposium	Academic and Research Event	National	Online	27/02/2022	28/02/2022	Rayat Bahra University
25	Department of Biochemistry	Prof. Rajat Sandhir	Animal models of Neurodegenerative conditions	workshop	Academic and Research Event	National	CSIR-IMTECH, Chandigarh	20/07/2021	20/07/2021	CSIR-IMTECH



S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
26	Department of Biochemistry	Prof. Rajat Sandhir	Unmasking the therapeutic potential of GSK-3beta in sporadic Alzheimer's disease	conference	Academic and Research Event	International	IBRO, Nepal	31/08/2021	05/09/2021	Nepalgunj Medical College
27	Department of Biochemistry	Prof. Rajat Sandhir	Ethical and responsible conduct in neurosciences research	conference	Academic and Research Event	International	IBRO, PU	23/08/2021	28/08/2021	Department of Biochemistry, PU, Chd
28	Department of Biochemistry	Prof. Rajat Sandhir	Animal model of Huntington's disease	conference	Academic and Research Event	International	IBRO, Amarkantak	23/08/2021	27/08/2021	Indira Gandhi National Tribal University (IGNTU)
29	Department of Biochemistry	Prof. Rajat Sandhir	MPTP-induced model of Parkinson's disease in mice: Comparisons of strains and dose regimes	Conference	Academic and Research Event	International	IBRO, Malaysia	20/09/2021	24/09/2021	National University of Malaysia Kuala Lumpur, Malaysia
30	Department of Biochemistry	Prof. Rajat Sandhir	How to publish in top 10% Journals	Conference	Academic and Research Event	International	IBRO, Malaysia	20/09/2021	24/09/2021	National University of Malaysia Kuala Lumpur
31	Department of Biochemistry	Prof. Rajat Sandhir	Studies on the protective effects of hydroxytyrosol in Parkinson's disease	conference	Academic and Research Event	International	IBRO, Amity	27/09/2021	01/10/2021	Amity Institute of Neuropsychology and Neurosciences
32	Department of Biochemistry	Prof. Rajat Sandhir	Role of altered dietary selenium in brain development	conference	Academic and Research Event	International	IBRO, Egypt	11/10/2021	14/10/2021	Alexandria University Alexandria, Egypt
33	Department of Biochemistry	Prof. Rajat Sandhir	Altered insulin signaling as a pathogenic mechanism in sporadic Alzheimer's disease: GSK3beta as a potential therapeutic target	conference	Academic and Research Event	National	IISER, Kolkata	15/12/2021	18/12/2021	IISER, Kolkata
34	Department of Biochemistry	Prof. Rajat Sandhir	Applications of Enzymes and disease diagnosis	Symposium	Academic and Research Event	National	HPU	25/03/2022	25/03/2022	HPU
35	Department of Biochemistry	Prof. Rajat Sandhir	Skills in publishing research article on high impact journals	Workshop	Training/Orientation	National	NABI, Mohali	25/04/2022	26/04/2022	NABI, Mohali
36	Department of Biochemistry	Prof. Rajat Sandhir	Identification of hydroxytyrosol as potential anti-Parkinson's Molecules using in silico and in vivo approach	workshop	Training/Orientation	National	BHU, Varanasi	25/05/2022	27/05/2022	BHU, Varanasi

S.No	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
37	Department of Biochemistry	Prof. Rajat Sandhir	Evaluation of hydroxytyrasol as anti-Parkinson's Molecule using in silico approach and experimental models	workshop	Academic and Research Event	National	BAW, Ooty	15/06/2022	19/06/2022	IISER, Kolkata

#### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	Department of Biochemistry	Priyanka Bhadwal	A study on the role of sphingolipid metabolism in drug resistance and metastasis in breast cancer patients.	2021-09-30	Dr.Navneet Agnihotri
2	Department of Biochemistry	Jyotsana Kaushal	Study On Association Of Dna Promoter Methylation Patterns With Antioxiand Response And Tissue Remodeling In Rheumatoid Arthritis	2022-06-16	Prof. Archana Bhatnagar
3	Department of Biochemistry	Avishek Halder	Studies On Cross Talk B/W Innate Immune Response And Mitochondrial Dynamics Following Global Ischemic Injury	2021-09-30	Prof. Rajat Sandhir
4	Department of Biochemistry	Ankit Tandon	Study On Effect Of Oxidative Stress On Methylation Pattern Of Genes From T-Cells And Nk Cells In Sle Patients	2022-02-03	Prof. Archana Bhatnagar
5	Department of Biochemistry	Gayatri	To evaluate the role of nlrp3 inflammasomes in acid aspiration mediated acute lung injury in mice.	2022-02-22	Dr. Amarjit Singh Naura
6	Department of Biochemistry	Sunil Kumar Sharma	Role Of Selenium Status In Cognitive Functions: Involvement Of Mitochondrial Functions And Nrf2 Pathway	2022-02-22	Prof. Rajat Sandhir
7	Department of Biochemistry	Seema	“Studies On Isolation And Charcterisation Of Bacterial Laccase For Protential Industrial Appications	2021-08-09	Prof. Sukesh Chander Sharma

#### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
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#### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
1	Department of Biochemistry	Collaborative Research activities	Panjab University	Defence Institute of Physiology and Allied Sciences, New Delhi	19/02/2016	18/02/2026	National

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
2	Department of Biochemistry	Collaborative Research activities	Panjab University	Nottingham Trent University	03/10/2019	02/10/2022	International
3	Department of Biochemistry	Collaborative Research activities	Panjab University	National Agri-Food Biotechnology Institute	25/05/2011	24/05/2026	National
4	Department of Biochemistry	Collaborative Research activities	Panjab University	Post Graduate Institute of Medical Education and Research	17/09/2008	16/09/2026	National
5	Department of Biochemistry	Collaborative Research activities	Panjab University	Centre for Nanoscience and Nanotechnology	29/05/2015	28/05/2026	National

## 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
1	Department of Biochemistry	DBT-BUILDER	DBT Builder Scheme, Prof. S. Puri Dr. V. Puri Dr. M. Khatri Ms. Hema Setia Dr. Seemha Rai	Prof. A. Bhatnagar Prof. A.S. Naura	25/01/2021	National	Research	DBT	24/01/2026
2	Department of Biochemistry	Selection for antimicrobial resistance by antimicrobial production	DBT Indo-UK collaborative Joint Research Project, Dr. Iqbal Ahmad	Dr. Dipti Sareen	16/12/2020	International	Research	DBT	16/12/2023
3	Department of Biochemistry	Transcriptomics to Study the Role of Puerarin in Mitochondrial Dysfunction in Murine Model of Lupus	Nottingham Trent University, UK, Prof Graham Ball	Prof. Archana Bhatnagar	06/05/2021	International	Research	NTU, UK	31/07/2022
4	Department of Biochemistry	Molecular Simulation To Explore Therapeutic Efficacy of Novel Compounds For Prevention and Management of Alzheimer Disease	Indo-Egypt	Prof Rajat Sandhir and Maha Zaki Rizk	30/03/2021	International	Research	DST	30/03/2023

## 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	20	0	20
Class rooms	4	0	4
Class rooms with Wifi/LAN facility	4	0	4
Class rooms with ICT facility (LCD/Projector)	4	0	4
No. of Research Labs	10	0	10

Facilities	Existing	Newly Created/Added	Total
No. of Computer labs	1	0	1
Video Centre	0	0	0
Seminar Halls with ICT facility	0	0	0
Seminar Halls	1	0	1
No. of important equipments purchased ( $\geq$ 10 lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0

#### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
Voluntary Blood Donation Drive	50	Department of Biochemistry, P.U. Chandigarh	05/05/2022	05/05/2022

#### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
Farewell Party	18/08/2021	18/08/2021
Role of Intestinal Microbiota and Probiotics in Health and Disease	27/08/2021	27/08/2021
Plantation Drive	28/08/2021	28/08/2021
Invites you for a lecture on Precision Medicine and Genetic Testing for Diagnosis and Treatment monitoring in Oncology	30/09/2021	30/09/2021
Diwali Festival	01/11/2021	02/11/2021
Invites you for a lecture on Biochemistry, Cell Biology and Physiology of Insulin's Life Cycle	10/11/2021	10/11/2021
In Vitro Diagnostics for COVID -19 pandemic : Achievements, Challenges & Future Directions	02/12/2021	02/12/2021
Welcome Party (Agamy)	13/04/2022	13/04/2022
Voluntary Blood Donation Camp	05/05/2022	05/05/2022
"Adolescent Gynecological consultation through mobile App"	09/05/2022	09/05/2022

#### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

#### 7. Number of Patents Published/Awarded

SNo	Patent Author	Date	Status	National/ International	Patent Number/ Application Number
NIL					

#### 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

## BIOPHYSICS

### SUMMARY OF PUBLICATIONS

#### PUBLICATIONS

#### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Chugh NA, Koul A (2021)	Reactive Oxygen Species Mediated Cancer Progression and Metastasis.; In: Chakraborti S., Ray B.K., Roychowdhury S. (eds) Handbook of Oxidative Stress in Cancer: Mechanistic Aspects.; Springer Singapore	978-981- 15-9411- 3 (eISBN) 978-981- 15-9410- 6 (pISBN)	International

#### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
D Kim, S Han, H Park, S Choi, Mandeep Kaur, E Hwang, S Han, J Ryu, H Cheong, Ravi P Barnwal, YB Lim (2022)	A Pseudo-Isolated $\alpha$ -Helix Platform for the Recognition of Deep and Narrow Targets.; Journal of the American Chemical Society	1520-5126	Yes	ACS
Bala S, Koul A (2022)	Aloe vera modulates X-ray induced bone mineral loss and other deleterious effects on various tissues of mice. Indian Journal of Natural Products and Resources.; Indian Journal of Natural Products and Resources	0976-0504	Yes	National Institute of Science Communication and Information Resources
Anna Khan, Jasmine Sati, Rozy Kamal, Devinder K. Dhawan, Vijayta D. Chadha (2022)	Amelioration of cognitive and biochemical impairment in $A\beta$ -based rodent model of Alzheimer's disease following fractionated X-irradiation; Radiation and Environmental Biophysics	3532-5276	Yes	Springer
Mohan V, Koul A (2022)	Anti-metastatic and Anti- telomerase activity of <i>Tinospora cordifolia</i> and its active polysaccharide Arabinogalactan during Benzo(a)pyrene induced lung carcinogenesis.; Indian Journal of Pharmacology	0253- 7613	Yes	Wolters Kluwer - Medknow
A Wadhawan, J Singh, H Sharma, S Handa, G Singh, R Kumar, RP Barnwal, IP Kaur, M Chatterjee (2022)	Anticancer biosurfactant loaded PLA-PEG nanoparticles induce apoptosis in human MDA-MB-231 breast cancer cells; ACS Omega	2470-1343	No	ACS
Sonia Chauhan, Devinder K Dhawan, Avneet Saini, Simran Preet (2021)	Antimicrobial peptides against colorectal cancer -a focused review; Pharmacological Research	1043-6618	Yes	Elesvier

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Mandeep Kaur, Akanksha Sharma, Gurpal Singh, Santosh Kumar, Ravi Pratap Barnwal (2021)	Architectural and functional details of CF IA proteins involved in yeast 3'-end pre-mRNA processing and its significance for eukaryotes: A concise review; International Journal of Biological Macromolecules	0141-8130	Yes	Elsevier
HK Alajangi, M Kaur, A Sharma, S Rana, S Thakur, M Chatterjee, N Singla, .. G Singh, RP Barnwal (2022)	Blood Brain Barrier: Emerging Trends on Transport Models and new-age Strategies for therapeutics Intervention against neurological disorders.; Molecular Brain	1756-6606	Yes	BioMed Central
Ravi Ranjan Kumar, Radhika Rani Jaswal, Avneet Saini, Devinder Kumar Dhawan, Vijayta Dani C (2021)	Chemoinformatic Study and In vitro Bioevaluation of Tc-99m-Labeled N-Acetyl Neuraminic Acid in C6 Glioma Cells: Potential Role as a Radionuclide Imaging Probe; Indian Journal of Nuclear Medicine	3465-8550	Yes	Wolters Kluwer - Medknow
A Thakur, S Jain, A Pant, A Sharma, R Kumar, N Singla, A Suttee, S Kumar, RP Barnwal, OP Katare, GS (2022)	Cyclodextrin derivative enhances the ophthalmic delivery of poorly soluble azithromycin.; ACS omega	2470-1343	Yes	ACS
Sharma P, Sharma S, Joshi S, Barman P, Bhatt A, Maan M, Singla N, Rishi P, Ali ME, Preet S, Saini A (2022)	Design, characterization and structure–function analysis of novel antimicrobial peptides based on the N-terminal CATH-2 fragment; Scientific Reports	2045-2322	No	Natures
Tanvi Sharma, Rakesh Kumar Bijarnia, Tanzeer Kaur (2022)	Development of Lateral Flow Assay for the Detection of Tamm Horsfall Protein in Urine; Letters in Applied NanoBioScience	2284-6808	Yes	Letters in Applied NanoBioScience
C Pandit, HK Alajangi, J Singh, A Khajuria, A Sharma, ...S Sapra, RP Barnwal, G Singh, IP Kaur (2022)	Development of Magnetic Nanoparticle Assisted Aptamer-Quantum Dot Based Biosensor for the Detection of Escherichia coli in Water Samples; Science of the Total Environment	0048-9697	Yes	Elesvier
Roobee Garla, Nikita Sharma, Naveen Kaushal, Mohan Lal Garg (2021)	Effect of Zinc on Hepatic and Renal Tissues of Chronically Arsenic Exposed Rats: A Biochemical and Histopathological Study; Biological Trace Element Research	0163- 4984 (print)	Yes	Springer US
Yasmeen Goyal, Ashwani Koul and Pavitra Ranawat (2022)	Ellagic acid modulates cisplatin toxicity in DMH indices colorectal cancer: studies on membrane alterations; Biochemical and Biophysical Repprts	2405-5808	Yes	Elsevier
P Tandale, N Choudhary, J Singh, A Sharma, A Shukla, P Sriram, U Soni,	Fluorescent quantum dots: An insight on synthesis and potential biological application	2405-5808	Yes	Elsevier

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
N Singla, RP Barnwal, G Singh (2021)	as drug carrier in cancer.; Biochemistry and Biophysics Reports			
Simarpreet Kaur, Ayushi Garg, Naveen Kaushal (2021)	Hempseed (Cannabis sativa) offers effective alternative over statins in ameliorating hypercholesterolemia associated nephropathy; Clinical Biochemistry	ISSN: 0009-9120	Yes	Elsevier
A Thakur, A Sharma, HK Alajangi, PK Jaiswal, Yb Lim, Gурpal Singh, Ravi Pratap Barnwal (2022)	In pursuit of next-generation therapeutics: Antimicrobial peptides against superbugs, their sources, mechanism of action, nanotechnology-based delivery, and clinical applications; International Journal of Biological Macromolecules	0141-8130	Yes	Elsevier
Anubha Singh, Simran Tandon, T Tanzeer Kaur, Chandardeep Tandon (2022)	In vitro studies on calcium oxalate induced apoptosis attenuated by Didymocarpus pedicellata; Biointerface Research in Applied Chemistry	2069-5837	Yes	Biointerface Research in Applied Chemistry
Anubha Singh, Simran Tandon, Dhruv Kumar, Tanzeer Kaur, Kavindra Kumar Kesari, Chandardeep Tandon (2022)	Insights into the cytoprotective potential of Bergenia ligulata against oxalate-induced oxidative stress and epithelial–mesenchymal transition (EMT) via TGFβ1/p38MAPK pathway in human renal epithelial cells; springer link	0967-0912	Yes	springer
Shreya Dogra, Akanksha Arora, Aashni Aggarwal, Gautam Passi, Akanksha Sharma, Gурpal Singh, Ravi Pra (2021)	Mucormycosis Amid COVID-19 Crisis: Pathogenesis, Diagnosis, and Novel Treatment Strategies to Combat the Spread; Frontiers in Microbiology	1664-302X	Yes	Frontiers
Sheetal Sharma, Panchali Barman, Shubhi Joshi, Simran Preet, Avneet Saini (2022)	Multidrug resistance crisis during COVID-19 pandemic: Role of anti-microbial peptides as next-generation therapeutics; Colloids and Surfaces B: Biointerfaces	0927-7765	Yes	Elesvier
Sheetal Sharma, Avneet Saini, Bimla Nehru (2021)	Neuroprotective effects of carbenoxolone against amyloid-beta 1-42 oligomer-induced neuroinflammation and cognitive decline in rats.; Neurotoxicology	0161-813X	No	Elsevier
N Dhas, M Pastagia, A Sharma, A Khera, R Kudarha, S Kulkarni, S Soman, S Mutalik, RP Barnwal, G Sing (2022)	Organic Quantum Dots: An Ultrasmall Nanoplatform for cancer theranostics; Journal of Controlled Release	0168-3659	Yes	Elsevier
Aniqa, A., Kaur, S., Negi, A., Sadwal, S., & Bharati, S. (2022)	Phytomodulatory Effects Of Murraya Koenigii In Dmba/Tpa Induced Angiogenesis, Hepatotoxicity And Renal Toxicity During Skin Carcinogenesis In	0976-9595	No	Sciensage

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
	Mice.; Journal of Advanced Scientific Research			
Bharadwaj P, Dhatwalia. S. K., Manoj k, Dhawan D.K. (2022)	Protective role of AKBA against benzo(a)pyrene-induced lung carcinogenesis by modulating biotransformation enzymes and oxidative stress.; Journal of Biochemical and Molecular Toxicology	1099-0461	Yes	Wiley
Rimaljot Singh, Navpreet Kaur, Neelima Dhingra, Tanzeer Kaur (2022)	Protein misfolding, ER Stress and Chaperones: An approach to develop chaperone-based therapeutics for Alzheimer's Disease; International Journal of Neuroscience	1543-5245	Yes	Taylor and Francis
Himanshi Mehta, Megha Gupta, Parminder Kaur, Jaspreet Kaur, Naveen Kaushal (2021)	Redox Modulatory Anti-Inflammatory Potential of Hempseed (Cannabis sativa) based Green Selenium Nanoparticles; Applied Science and Convergence Technology	2288-6559	Yes	The Korean Vacuum Society
Akanksha Sharma, Hema Kumari Alajangi, Giuseppina Pisignano, Vikas Sood, G Singh, Ravi P Barnwal (2022)	RNA thermometers and other regulatory elements: diversity and importance in bacterial pathogenesis.; Wires RNA	1757-7012	Yes	Wiley
Preety Ghanghas, Monika Sharma, Dhimant Desai, Kaisar Raza, Aman Bhalla, Naveen Kaushal (2021)	Selenium-Based Novel Epigenetic Regulators Offer Effective Chemotherapeutic Alternative with Wider Safety Margins in Experimental Colorectal Cancer; Biological Trace Element Research	1559-0720 (web)	Yes	Springer
Shubhi Joshi, Harman Singh, Sheetal Sharma, Panchali Barman, Avneet Saini & Gaurav Verma (2021)	Synthesis and characterization of graphene oxide-bovine serum albumin conjugate membrane for adsorptive removal of Cobalt (II) from water.; International Journal of Environmental Science and Technology	1735-2630	No	Springer
Gowsia Jan, Swati Bhat, Monika Chauhan, Devinder Kumar Dhawan, Neelima Dhingra, Vijayta Dani Chadha (2022)	Target Specific Uptake of a Newly Synthesized Radiolabeled 5 $\alpha$ -Reductase Inhibitor "Tc-99m-17-Oxo-17a-Aza-D-Homo-5-Androsten-3 $\beta$ -yl Phenoxyacetate (Tc-99m-17a-Aza Steroid)" in Rat Prostatic Neoplastic Lesions; Indian Journal of Nuclear Medicine	09723919	Yes	Wolters Kluwer - Medknow
N Periwal, SB. Rathod, S Sarma, ..., Ravi P. Barnwal, K R. Srivastava, B Kaur, P Arora, Vikas Sood (2022)	Time Series Analysis of SARS-CoV-2 Genomes and Correlations among Highly Prevalent Mutations; Microbiology Spectrum	2165-0497	Yes	American Society of Microbiology
Mohan V, Koul A (2021)	Tinospora cordifolia (Willd.) Hook. f. and Thoms. and Arabinogalactan exert chemopreventive action during B(a)P induced pulmonary carcinogenesis: Studies of Biophysics, Panjab University,		Yes	NISCAIR



Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
	on ultrastructural, molecular and biochemical alterations.; Indian Journal of Experimental Biology	Chandigarh Department of Biophysics Panjab University, Chandigarh 0975- 1009 0019- 5189 (PISSN)		
Rishi Bhardwaj, Ankita Bhardwaj, Devinder K Dhawan, Chanderdeep Tandon, Tanzeer Kaur (2022)	[HTML] from sciencedirect.com rescues hyperoxaluria induced nephrolithiasis by modulating urinary glycoproteins: Cross talk between endoplasmic reticulum, calcium homeostasis and mitochondria; Life Sciences	4-PBA 0346-251X	Yes	elsevier

#### DETAILS OF PUBLICATIONS

##### Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
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#### DETAILS OF PUBLICATIONS

##### Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
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##### Summary of Research Publications July 1,2021 to June 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	Department of Biophysics	Peer Review Journals	25	5	0	30
2	Department of Biophysics	Non Peer Review Journals	1	0	0	1
3	Department of Biophysics	e-Journals	3	1	0	4
4	Department of Biophysics	Chapter in a book	1	0	0	1

#### RESEARCH SCHEMES

##### Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration(in years)	Principal Investigator and Research Team
ICMR	Metallothionein metallation study in rat liver in case of chronic As toxicity.	2186912	0	Others	2017 - Till Date	Prof. M.L. Garg
UGCDAE Kolkata Center	Protective Role of Zinc in case of Arsenic Toxicity: A metalprotein interaction study	720000	239880	Major	2019 - Till Date	Prof. M.L. Garg
UGC-BSR	Mechanistic studies on anti-carcinogenic potentials of Tinospora Cordifolia against	1622000	0	Others	2015 - Till Date	Prof. Ashwani Koul, PI

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
	B(a)P induced lung carcinogenesis in Balb(c) mice.					
UGC-BSR	Deciphering differential potential of various cerebral cortex regions towards calcification and its mechanism.	1360000	0	Others	2015 - Till Date	Dr. Tanzeer Kaur
UGC-BSR	Effect of phytochemicals on DMH induced colorectal cancer	1360000	0	Others	2015 - Till Date	Dr. pavitra Ranawat, PI
ICMR-JRF	ICMR	636000	212000	Others	2015 - 0000	Dr. Simran Preet, PI
UGC-BSR	UGC-BSR	1360000	0	Others	2015 - Till Date	Dr. Naveen Kaushal, PI
DST-INSPIRE	DST-INSPIRE	380000	0	Others	2016 - Till Date	Prof. D. K. Dhawan, PI
UGC-BSR	UGC-BSR	1360000	1360000	Others	2016 - Till Date	Prof. M.L. Garg, PI
DST/SERB-ECRA	ECRA	4600000	3721000	Major	2018 - Till Date	Dr. Ravi Pratap Barnwal
DBT	Extramural	6540000	3577000	Major	2018 - Till Date	Dr. Ravi Pratap Barnwal
DRDO	Design and Development of Novel Peptides/Peptoids as Potential Drugs against selected Pathogens	5951876	922356	Major	2017 - Till Date	Dr. Avneet Saini
DST-SERB	EEQ	4108000	0	Major	2017 - Till Date	Dr. Simran Preet
DST	DST	3500000	1400000	Major	2017 - Till Date	Dr. Neha Singla
ICMR	EMR (Extramural research grant)	3600000	1550600	Others	2019 - Till Date	Dr. Tanzeer Kaur
DST	CSRI (Cognitive Science research initiative)	4800000	2946270	Others	2020 - Till Date	Dr. Tanzeer Kaur
ICMR	Extramural	3700000	0	Major	2020 - Till Date	Dr. Neha Singla
DST.UT	DST & RE	150000	150000	Minor	2020 - Till Date	Dr. Neha Singla
Chd-DST	S& T and RE	150000	150000	Others	2020 - 2021	Dr Pavitra Ranawat
Chd-DST	S& T and RE	175000	175000	Others	2020 - 0000	Dr Pavitra Ranawat

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
ICMR	Extramural	4751976	2525465	Others	2021 - 2021	Dr. Simran Preet
DST-INSPIRE	INSPIRE JRF Fellowship	2257600	451520	Major	2020 - 0000	Dr. Simran Preet
ICMR-SRF	Direct SRF	985000	490000	Student Research Projects	2021 - 2023	Dr. Simran Preet
UGC-BSR	UGC-BSR	3300000	1100000	Others	2020 - Till Date	Prof D.K. Dhawan
DST	DST Women Scientist Scheme B	2029016	694672	Major	2021 - Till Date	Shubhi Joshi
DST	DST Chandigarh Administration	150000	150000	Minor	2020 - 2021	Dr. Sarvnarinder Kaur
Chd- DST	Chd- DST	175000	175000	Nil/NA	2021 - Till Date	Dr Pavitra Ranawat

#### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT

##### Details of Seminars, Conferences, and Workshops organized during the Academic Year

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Two day Workshop on Personality Development and Communication Skills	2022-03-21	2022-03-22	NAveen Kaushal	30
Designing the nanostructure-based carrier for targeted drug delivery using a biophysical approach	2022-02-28	2022-02-28	Naveen Kaushal , Avneet Saini	70
Cardiac Stem Cell Therapy	2022-05-30	2022-05-30	Avneet Saini, Anupama Sharma, Amandeep Marwaha, Ashok Kumar	90
Structure based discovery of novel factors for protection against SARS-Cov-2	2021-11-10	2021-11-10	Avneet Saini	70
Tranparency and Accountability in Governance	2021-10-28	2021-10-28	Avneet Saini	78

#### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

##### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Department of Biophysics	Dr. Simran Preet	Information sources and services for teaching, learning and research	Professional Development Programmes	Faculty Development Programme	National	Chandigarh	01/02/2022	07/02/2022	UGC-HRDC

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
2	Department of Biophysics	Pavitra Ranawat	International Conference on Medicinal Plants	conference	Academic and Research Event	International	Uttarakhand Ayurved University	07/05/2022	08/05/2022	Uttarakhand Ayurved University, Dehradun
3	Department of Biophysics	Dr. Avneet Saini	Information sources and services for teaching, learning and research	Professional Development Programmes	Faculty Development Programme	National	Chandigarh	01/02/2022	07/02/2022	UGC-HRDC
4	Department of Biophysics	Dr. Avneet Saini	44th Indian Biophysical Society Meet	conference	Academic and Research Event	National	Hybrid mode	30/03/2022	01/04/2022	IBS and ACTREC
5	Department of Biophysics	Simran Preet	Online - FDP on Understanding Geodiversity & Geoheritage (for all faculty members) Interdisciplinary	Professional Development Programmes	Faculty Development Programme	National	Chandigarh	22/02/2022	28/02/2022	HRDC
6	Department of Biophysics	Pavitra Ranawat	Online - 7-Days FDP on Re-engineering the role of Teacher as Mentor	Professional Development Programmes	Faculty Development Programme	National	Chandigarh	22/07/2021	28/07/2021	HRDC
7	Department of Biophysics	Simranpreet	Online - 7-Days FDP on Re-engineering the role of Teacher as Mentor	Professional Development Programmes	Faculty Development Programme	National	Chandigarh	22/07/2021	28/07/2021	HRDC
8	Department of Biophysics	Avneet Saini	Online - 7-Days FDP on Search, Research and Publication Ethics	Professional Development Programmes	Faculty Development Programme	National	Chandigarh	06/07/2021	12/07/2021	HRDC
9	Department of Biophysics	Tanzeer Kaur	Online - 7-Days FDP on Search, Research and Publication Ethics	Professional Development Programmes	Faculty Development Programme	National	Chandigarh	06/07/2021	12/07/2021	HRDC

#### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
NIL					

#### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
NIL		

#### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
NIL							

#### 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
1	Department of Biophysics	Joint PhD candidate with PGIMER	PGIMER Chandigarh	Simran Kaur	25/11/2021	National	Joint PhD candidate with PGIMER	SERB grant and ICMR	25/11/2024

### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	22	0	22
Class rooms	6	0	6
Class rooms with Wifi/LAN facility	0	0	0
Class rooms with ICT facility (LCD/Projector)	6	0	6
No. of Research Labs	7	0	7
No. of Computer labs	1	0	1
Video Centre	0	0	0
Seminar Halls with ICT facility	1	0	1
Seminar Halls	1	0	1

### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
vigilance Awareness Week	28/10/2021	28/10/2021
Diwali Function	02/11/2021	02/11/2021
Constitution Day	26/11/2021	26/11/2021
Science Day	28/02/2022	28/02/2022
International Women's Day	08/03/2022	08/03/2022
Every Vote Has A Value In A Democratic Nation	04/04/2022	04/04/2022

### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date

### 7. Number of Patents Published/Awarded

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
1	Process and development of nano-bio composite anti-bacterial additive for commercial paint production	Gaurav Verma, Avneet Saini, Shubhi Joshi, Deeksha Sharma	18/07/2022	Published	National	202211011934

### 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)

NIL

# BIOTECHNOLOGY

## SUMMARY OF PUBLICATIONS

The Department of Biotechnology at Panjab University came into existence as Centre for Biotechnology in 1989. In 1994 it was upgraded to full-fledged Department with the support from DBT, Govt. of India. In 2001, the Department was the first one to start B.Sc. (Hons. School) course in Biotechnology in North India and offer five years integrated B.Sc. and M.Sc. (Hons. School) degree in Biotechnology. The Department is supported by DST (FIST & PURSE) and UGC (SAP) grants and has research collaborations with IMTECH Chandigarh, CSIO Chandigarh, PGIMER Chandigarh, ICGEB Delhi, IHBT Palampur, IIIM Jammu, NDRI Karnal and NBGAR Karnal. MoU has been signed with NABI, CIAB Mohali for collaborative research and teaching.

## PUBLICATIONS

### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Kaur P, Monga D, Singh B* (2021)	Biosensors for the detection of selenium in environment; Selenium Contamination in Water; John Wiley & Sons Ltd.	9781119693567	International
Aiana and Kashmir Singh (2022)	CRISPR: Genome Editing and Beyond; Biomedical Translational Research; Springer	978-981-16-4345-3	International
Singh B* (2022)	DNA digital data storage: breakthroughs in research; Biomedical Translational Research; Springer Nature	978-981-16-4345-3	International
Naina Garewal, Riya Joon, Ravneet Kaur, Kashmir Singh (2022)	Genomic Selection: Advances, Applicability, and Challenges; Genotyping by Sequencing for Crop Improvement.; Wiley Online Library	978-1-119-74565-5	International
Sharma, V, Sinha PK, Singh J and Sinha ES (2021)	Role of Microbes and Microbial Products in Cancer Therapeutics; Microbial Products for Health, Environment and Agriculture; Springer Publisher	978-981-161946-5	International
Kaur P, Dawar A, Singh B* (2021)	Various Remediation Measures for Groundwater Contamination. Groundwater Geochemistry; Groundwater Geochemistry; Wiley Professional, Reference & Trade	978-1-119-70973-2	International

### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Ashish Sharma, Arbind Kumar, Mudasir rashid, Ramchandra Vijay Amnekar, Sanjay Gupta, Jagdeep Kaur (2022)	A phagosomally expressed gene, rv0428c of Mycobacterium tuberculosis demonstrates acetyltransferase activity and plays a protective role under stress conditions; The Protein Journal	1875-8355	Yes	Springer
Saini, M.K., Capalash, N., Varghese, E., Kaur, C. and Singh, S.P (2022)	A Targeted Metabolomics Approach to Study Secondary Metabolites and Antioxidant Activity in „Kinnow Mandarin“during Advanced Fruit Maturity; Foods	2304-8158	Yes	MDPI

Jogam, P., Sandhya, D., Alok, A. (2022)	Agrobacterium-mediated genetic transformation and cloning of candidate reference genes in suspension cells of <i>Artemisia pallens</i> Wall. ex DC.; 3 Biotech	2190-5738	Yes	Springer
Apreja, M., Sharma, A., Balda, S., Kataria, K., Capalash, N. and Sharma, P. (2021)	Antibiotic residues in environment: antimicrobial resistance development, ecological risks, and bioremediation.; Environmental Science and Pollution Research	1614-7499	Yes	Springer
Arora, S., Talwar, D., Chetal, M., Bhardwaj, V.K., Dawar, A., Sidhu, H., Kashyap, S. and Capalash, N (2022)	Binding of periodate by non-covalent interaction: Synthesis, characterization, single crystal structure determination, antibacterial and anticancer studies of [Co (bpy) 2CO3]; Journal of Molecular Structure	0022-2860	Yes	Elsevier
I. Shallu Goyal, Monika Sharma and Rohit Sharma (2022)	Bioactive compound from <i>Lagerstroemia speciosa</i> : activating apoptotic machinery in pancreatic cancer cells; 3 Biotech	ISSN 2190-5738	Yes	Springer International Publishing AG
Anshu Alok, Hanny Chauhan, Santosh Kumar Upadhyay, Ashutosh Pandey and Kashmir Singh (2021)	Compendium of Plant-Specific CRISPR Vectors and Their Technical Advantages; Life	0098-8472	Yes	MDPI
Aarjoo SharmaSanjeev BaldaMansi AprejaKirti KatariaNeena CapalashPrince Sharma (2021)	COVID-19 Diagnosis: Current and Future Techniques; International Journal of Biological Macromolecules	0141-8130	Yes	Elsevier
Balda, S., Sharma, A., Gupta, N., Capalash, N. and Sharma, P. (2022)	Deinking of old newsprint (ONP) pulp with an engineered laccase: a greener approach for paper recycling; Biomass Conversion and Biorefinery	2190-6823	Yes	springer
R Bhandhari, Singh B*, (2022)	Effect of heavy metals treatments on fenugreek plant; Journal of Hazardous Materials Advances	2772-4166	No	Elsevier
Mehra P, Bali P, Singh J, Saha PK and Anand A (2021)	Effect of retinal injury induced by laser photocoagulation on visuospatial memory in mouse model; Journal of Neurosciences in Rural Practice	0976-3260	Yes	open Access
Sharma, A., Balda, S., Capalash, N. and Sharma, P. (2022)	Engineering multifunctional enzymes for agro-biomass utilization; Bioresource Technology	0960-8524	Yes	Elsevier
Stuti Arya, Parul Singh, Jashandeep Kaur, Arbind Kumar, Jagdeep Kaur (2022)	Environment dependent expression of <i>Mycobacterium</i> hormone sensitive lipases: expression pattern under ex-vivo and in-vitro stress conditions in <i>mycobacterium tuberculosis</i> H37Ra; Molecular Biology Reports	1573-4978	Yes	Springer
Smoczynska A, Pacak A, Grabowska A, Bielewicz D, Zadworny M, Singh K,	Excess nitrogen responsive HvMADS27 transcription factor controls barley root architecture by	1664-462X	Yes	Frontiers Media

Jakub D, Mateusz B, Przemys (2022)	regulating abscisic acid level.; Frontiers in Plant Science				
Anchal Chaudhary, Praveen Rahi, Rupesh Deshmukh, Jagdeep Kaur, Hena Dhar (2022)	Genomic Insights into Omega-3 Polyunsaturated Fatty Acid Producing <i>Shewanella</i> sp. N2AIL from Fish Gut; Biology	2079-7737	No	MDPI	
Neetu Goyal, Akshay Nag, Roshni R. Samarth, Anuradha Upadhyay and Kashmir Singh (2021)	Identification and Characterization of Simple Sequence repeats (SSR) Markers Associated with Downy Mildew Resistance Locus "RPV1 " in Grapes.; Advances in Bioscience and Biotechnology	2156-8502	Yes	Scientific Research	
Neetu Goyal , Garima Bhatia , Naina Garewal , Anuradha Upadhyay and Kashmir Singh (2021)	Identification of defence related gene families and their response against powdery and downy mildew infections in <i>Vitis vinifera</i> ; Non Coding RNA	22(1):776	Yes	MDPI	
Neetu Goyal, Garima Bhatia, Naina Garewal, Anuradha Upadhyay and Kashmir Singh (2021)	Identification of defense related gene families and their response against powdery and downy mildew; BMC Genomics	1471-2164	Yes	Springer Nature	
Naina Garewal, Shivalika Pathania, Garima Bhatia, Kashmir Singh (2022)	Identification of Pseudo-R genes in <i>Vitis vinifera</i> and characterization of their role as immunomodulators in host-pathogen interactions.; Journal of Advanced Research	2090-1232	Yes	Elsevier	
Dhingra, R., Sharma, A., Balda, S., Billa, A., Sah, S.N., Capalash, N., and Sharma, P (2022)	Immunity Escape of SARS-CoV-2 Variants: Omicron Leads the Way. Preprints, 2022030376; Preprints (www.preprints.org)	0	No	Preprints (www.preprints.org)	
Shumayla, Venugopal Mendu, Kashmir Singh, and Santosh Kumar Upadhyay (2022)	Insight into the Roles of Proline-Rich Extensin-like Receptor Protein Kinases of Bread Wheat ( <i>Triticum aestivum</i> L.); Life	2075-1729	Yes	MDPI	
• Sharma S & Singh DD (2022)	Investigations on biological activities of Allium sativum agglutinin (ASA) isolated from garlic; Protein peptide letters	0929-8665	Yes	Bentham Sciences	
Yashraj Sharma, Alok Sharma, Madhu, Shumayla, Kashmir Singh, and Santosh Kumar Upadhyay (2022)	Long Non-Coding RNAs as Emerging Regulators of Pathogen Response in Plants; Noncoding RNA	2311-553X	Yes	MDPI	
Shumayla, Madhu, Kashmir Singh, Santosh Kumar Upadhyay (2021)	LysM domaincontaining proteins modulate stress response and signalling in <i>Triticum aestivum</i> L.; Environmental and Experimental Botany	0098-8472	Yes	Elsevier	
Kaur P, D Monga, Singh B* (2022)	Microbe mediated remediation of dyes, explosive waste and polyaromatic hydrocarbons, pesticides and pharmaceuticals; Current Research in Microbial Sciences	2666-5174	No	Elsevier	
Baljinder Singh, Kashmir Singh (2022)	Microplastics contamination in soil affects growth and root nodulation of fenugreek ( <i>Trigonella foenum-</i>	2772-4166	Yes	Science Direct	



	graecum L.) and 16 s rRNA sequencing of rhizosphere soil; Journal of Hazardous Materials Advances			
Kaur P, Singh K B. Singh* (2021)	Microplastics in soil: impact, microbial diversity and degradation; Pedosphere	1002-0160	No	Elsevier
Paramdeep Kaur, Kashmir Singh and Baljinder Singh (2022)	Microplastics in soil: Impacts and microbial diversity and degradation; Pedosphere	1002-0160	Yes	Elsevier
Pradeep Kumar Anand, Arbind Kumar, Amrit Saini, Jagdeep Kaur (2022)	Mutation in EthA protein of Mycobacterium tuberculosis conferred drug tolerance against ethionamide in Mycobacterium smegmatis mc2155; Computational Biology and Chemistry	1476-9271	No	Elsevier
Kaur G, Shukla V, Meena V, Kumar A, Tyagi D, Singh J, Kandoth PK, Mantri S, Rouached H and Pandey AK (2021)	Physiological and molecular responses to combinatorial iron and phosphate deficiencies in hexaploid wheat seedlings; Genomics	0888-7543	Yes	Elsevier
Kashyap, S., Sharma, P. and Capalash, N. (2021)	Potential genes associated with survival of Acinetobacter baumannii under ciprofloxacin stress.; Microbes and Infection	1286-4579	No	Elsevier
Rakesh Kumar, Arbind Kumar, Jagdeep Kaur (2022)	Protein engineering for tailoring the physical and catalytic properties of enzymes for defined industrial applications; Authorea	0	No	Authorea
H Sharma, N Batra, J Singh (2022)	Purification, characterization and potential detergent industry application of a thermostable $\alpha$ -amylase from Bacillus licheniformis RA31; Indian Journal of Experimental Biology (IJEB), 2022	0019-5189	Yes	National Institute of Science communication NISCAIR Wiley
A Kumar, AK Malik, Singh B*, (2021)	Recent advances in the analysis of plant alkaloids by capillary electrophoresis and micellar electrokinetic chromatography; Separation Science Plus	2573-1815	No	
Miranpuri GS, Bali P, Nguyen J, Jason J K, kim JJ., Mehra P, Singh J, and Anand K (2021)	Role of Microglia and Astrocytes in Spinal Cord Injury Induced Neuropathic Pain; open access and peer reviewed journal	0976-3147	Yes	Open access and peer reviewed Preprints (www.preprints.org)
Billa, A., Balda, S., Sharma, A., Dhingra, R., Sah, S.N., Capalash, N., and Sharma, P (2022)	SARS-CoV-2 in Wastewater: Occurrence, Detection and Implications. Preprints, 2022040015; Preprints (www.preprints.org)		No	
Ritu Kapoor, Gulshan Kumar, Lata Pawar, Prafull Salvi, Basavantraya N. Devanna, Kashmir Singh, Sharma TR (2022)	Stress responsive OsHyPRP16 promoter driven early expression of resistance gene Pi54 potentiate the resistance against Magnaporthe oryzae in transgenic rice; Plant Science	0168-9452	Yes	Elsevier
Sidhu, H. and Capalash, N., (2021)	Synergistic anti-cancer action of salicylic acid and cisplatin on HeLa cells elucidated by network pharmacology and in vitro analysis; Life Sciences	00243205	No	Elsevier

Kashyap, S., Sharma, P. & Capalash, N. (2022)	Tobramycin Stress Induced Differential Gene Expression in Acinetobacter baumannii; Current Microbiology	03438651	Yes	Springer
Deepika Verma and Kashmir Singh (2021)	Understanding role of Glutathione Reductase gene family in drought and heat stresses in Brassica juncea and B. rapa; Environmental and Experimental Botany	0098-8472	Yes	Science Direct
Sidhu, H., Gautam, L.K. and Capalash, N. (2022)	Unraveling the molecular mechanism of l-menthol against cervical cancer based on network pharmacology, molecular docking and in vitro analysis.; Molecular Diversity	1381-1991	Yes	Springer
Singh, R., Capalash, N. and Sharma, P. (2022)	Vaccine development to control the rising scourge of antibiotic-resistant Acinetobacter baumannii: a systematic review; 3 Biotech	2190-5738	Yes	springer
Kaur, K., Singh, R., Kaur, V. and Capalash, N. (2022)	Water stable fluorescent organotin (IV) compounds: aggregation induced emission enhancement and recognition of lead ions in an aqueous system.; New Journal of Chemistry	1144-0546	Yes	Royal Society of Chemistry

#### DETAILS OF PUBLICATIONS

##### Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### DETAILS OF PUBLICATIONS

##### Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
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#### Summary of Research Publications July 1 ,2021 to June 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	Department of Biotechnology	Peer Review Journals	31	1	0	32
2	Department of Biotechnology	Non Peer Review Journals	2	0	0	2
3	Department of Biotechnology	e-Journals	10	0	0	10
4	Department of Biotechnology	Book with ISBN	3	0	0	3
5	Department of Biotechnology	Chapter in a book	3	0	0	3

#### RESEARCH SCHEMES

##### Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
DST-SERB	Grant-in-aid general	3789720	1803000	Major	2021 - Till Date	Dr Jagdeep Kaur

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
ICMR	Rapid visual identification of Acinetobacter baumannii and its carbapenem resistance determinants using gold nanoparticle-based biosensors	4765740	2506195	Major	2021 - 2022	Prof. Neena Capalash
ICAR-NASF	Targeted editing of Potato Genome for production of true potato seeds (TPS).	16519020	682344	Major	2021 - 2022	Kashmir Singh
SERB	Functional characterization of TaMSL5-D of bread wheat	6195992	1411997	Minor	2021 - 2024	Santosh Kumar Upadhyay
SERB	To study the crosstalk between long non-coding RNAs and MYB transcription factors for enhancement of drought tolerance in Brassica sp.	4602042	2556500	Major	2022 - Till Date	Dr. Kashmir Singh
DBT	Genome Editing Mediated Nutritional Improvement of Potato (Solanum tuberosum L.)	6912720	2100000	Major	2022 - Till Date	Dr. Kashmir Singh & Dr. Ashutosh Pandey
DST-SERB	“Isolation, structural characterization and evaluation of anticancer potential of selected plant lectins”	4523365	575313	Major	2018 - 2022	Dr. Desh Deepak Singh
NIL	Studies on putative Lipolytic enzymes (LipU, LipG, ML1632c, ML1633c) from M. leprae: Cloning, expression, characterization, structural determination and immunological studies	0	0	Nil/NA	2017 - 2023	NIL
NIL	NIL	0	0	Major	2015 - 2023	NIL
UGC	Start up grant	1000000	800000	Minor	2019 - Till Date	Dr. Santosh Kumar
SERB	Exploring the resistance potential of pseudo R-genes to evoke fungal resistance in Vitis vinifera (Grapevine).	5600000	0	Major	2020 - Till Date	Kashmir Singh

#### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT

##### Details of Seminars, Conferences, and Workshops organized during the Academic Year

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
4th Amrita International public health e-conference AMRITACON-2021	2021-12-10	2021-12-11	Dr Arya Rajeev	400
International Conference on Recent trends in Health and Diseases	2022-01-19	2022-01-21	Dr Monisha	187
BIOSANGAM 2022: Emerging Trends in Biotechnology	2022-03-10	2022-03-12		450
TBICON 2022; TUBERCULOSIS: A Road towards elimination	2022-03-25	2022-03-26	Dr Sunil Sethi	280

<b>Title of the Event</b>	<b>From Date</b>	<b>To Date</b>	<b>Name of Coordinator / Convener</b>	<b>Number of Participants</b>
Distinguished lecture on "Brain Fog in post COVID survivors"	2021-08-06	2021-08-06	Dr Kashmir Singh , Chairperson Department of Biotechnology , Puchd	150
Value addition to Bioresources: a step towards livelihood generation	2021-08-10	2021-08-10	Dr. Kashmir Singh	250
Workshop on IPR Awareness	2021-09-30	2021-09-30	Dr Kashmir Singh , Chairperson Department of Biotechnology , Puchd	90
Alumni talk on "Pre-clinical pharmacology in cancer drug discovery"	2021-10-21	2021-10-21	Dr Kashmir Singh , Chairperson Department of Biotechnology , Puchd	60
"KNOW MORE SERIES" understanding BIOTECH IGNITION GRANT(BIG) Scheme	2021-12-30	2021-12-30	BioNEST -PU	100
Webinar on "Biotechnology and Mankind"	2022-02-16	2022-02-16	Dr Kashmir Singh , Chairperson Department of Biotechnology , Puchd	100
Lectures on National Science Day	2022-02-28	2022-02-28	Dr Kashmir Singh , Chairperson Department of Biotechnology , Puchd	100
Seminar on International Women's Day	2022-03-08	2022-03-08	Dr. Kashmir Singh, Chairperson,Department of Biotechnology, Panjab University	60
National Symposium on Significance of Science Communication and Intellectual Property	2022-03-21	2022-03-21	Department of Biotechnology, PU, Chandigarh	120
Distinguished Lecture on "Biotechnology:from 1986 to the present date"	2022-04-25	2022-04-25	Dr Kashmir Singh , Chairperson Department of Biotechnology , Puchd	100
Importance of IP for Academia	2022-04-29	2022-04-29	Panjab University, Chandigarh and UDPTO, US Embassy, New Delhi	50

### **SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY**

#### **3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022**

<b>S.no</b>	<b>Department</b>	<b>Name</b>	<b>Title of event</b>	<b>Type</b>	<b>Special Category</b>	<b>Level</b>	<b>Place</b>	<b>From Date</b>	<b>To Date</b>	<b>Organized By</b>
1	Department of Biotechnology	Prof Jagdeep Kaur	Indian science congress association	other	Academic and Research Event	State	Panjab University, Chandigarh	08/03/2022	08/03/2022	Department of Biotechnology
2	Department of Biotechnology	Dr. Kashmir Singh	Interactive session on importance of IP for academia	seminar	Academic and Research Event	International	Department of Biotechnology , PU, Chd	29/04/2022	29/04/2022	Deptt. of Biotechnology , PU, Chd.

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
3	Department of Biotechnology	Dr. Kashmi r Singh	IPR Awareness	workshop	Academic and Research Event	National	Online	30/09/2021	30/09/2021	Department of Biotechnology, Panjab University, Chandigarh and RIPA, New Delhi
4	Department of Biotechnology	Dr. Kashmi r Singh	First International Student Symposium on Basic sciences-2022	symposium	Academic and Research Event	International	Akal University, Talwandi Sabo, Bathinda, Panjab	21/04/2022	23/04/2022	Akal University, Talwandi Sabo, Bathinda, Panjab
5	Department of Biotechnology	Dr. Monika Sharma	Shipping of infectious substances and biological specimens	workshop	Training/Orientation	International	JW Merriott, New Delhi	10/03/2022	11/03/2022	Sandia National Laboratories, USA
6	Department of Biotechnology	Jagtar Singh	India's Covid Vaccine Journey	webinar	Social Issues	State	Chandigarh	18/10/2021	18/10/2021	GGDSD College, Sector 32, Chandigarh
7	Department of Biotechnology	Jagtar Singh	Environment Changes and Emerging Zoonotic diseases	webinar	Environment Awareness Event	National	Chandigarh	21/07/2021	21/07/2021	Department of Biophysics, PU, Chandigarh

## Ph.D. Awards

### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	Department of Biotechnology	Neera Aggarwal	Development of Biocatalyst system for transformation of sucrose biomass into functional biomolecules of reduced caloriamation	2022-05-12	Dr. Sudhir P. Singh
2	Department of Biotechnology	Ms. Neha Thakur	Identification, cloning and functional characterization of glucuronokinase gene in wheat using CRISPS/cas approach	2022-02-03	Dr. Siddharth Tiwari
3	Department of Biotechnology	Nitesh Priyadarshi	Multivalent carbohydrate functionalized gold nanorod based nanobiosensor for detection and ablation of food borne bacteria	2022-02-22	Dr. Nitin K. Singhal
4	Department of Biotechnology	Afsana Parveen	Identification and molecular characterization of genes involved in ubiquitin proteasome systme in high amylose wheat	2022-04-19	Dr. Joy.K. Roy
5	Department of Biotechnology	Ruchi Bansal	Identfication and characeterization of hypersensitive response gene for rice-magnaportite interaction	2022-02-03	Dr.Rupesh Deshmukh and Dr. T. R. Sharma

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
6	Department of Biotechnology	Ms. Neha Thakur	Functional characterization of glucuronokinase gene in wheat using CRISPS/cas approach	2022-01-04	Dr. Siddharth Tiwari
7	Department of Biotechnology	Nishant Kaushal	Hairy root induction and outer expression of squalae synthase genes in chlorophytem Brivilianeem for increased production of saponins	2022-05-19	Dr. Kashmir Singh
8	Department of Biotechnology	Anil Kumar	Expression and functional characterization of yellow stripe like transporters in Hexaploid wheat	2021-12-03	Dr. Ajay Kumar Pandey
9	Department of Biotechnology	Lalit Kumar Gautam	Role of polyphosphate kinase in virulence and stress responses of Acinetobacter baumannii	2022-02-03	Dr. Neena Capalash
10	Department of Biotechnology	Gazaldeep Kaur	Understanding the molecular basis of iron and phosphorus homeostasis in wheat	2021-12-03	Dr. Jagtar Singh and Ajay Kumar Pandey
11	Department of Biotechnology	Nishtha Sharma	Direct delievery of designed protein in inhibitors of b-ZIP transcription factor for studying preadipocyte differentiation in NH 3T3-L1 cell lines	2021-02-11	Dr. Vikas Rishi

#### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
1	Department of Biotechnology	

#### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
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NIL

#### 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
1	Department of Biotechnology	Genomic Insights into Omega-3 Polyunsaturated Fatty Acid Producing Shewanella sp. N2AIL from Fish Gut	Dr Rupesh Deshmukh, Nabi, Mohali, rupesh@nabi.res.in	Anchal Chaudhary	21/04/2022	National	Research	DST	21/04/2022
2	Department of Biotechnology	Genomic Insights into Omega-3 Polyunsaturated Fatty Acid Producing Shewanella sp.	Dr. Praveen Rahi, NCCS, Pune, praveen_rahi22@yahoo.co.in	Anchal Chaudhary	21/04/2022	National	Research	DST	21/04/2022

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
		N2AIL from Fish Gut							
3	Department of Biotechnology	Genomic Insights into Omega-3 Polyunsaturated Fatty Acid Producing <i>Shewanella</i> sp. N2AIL from Fish Gut	Dr Hena Dhar, NABI, Mohali, henadhar@gmail.com	Anchal Chaudhary	21/04/2022	National	Research	0	21/04/2022
4	Department of Biotechnology	A Phagosomally Expressed Gene, rv0428c, of <i>Mycobacterium tuberculosis</i> Demonstrates Acetyl Transferase Activity and Plays a Protective Role Under Stress Conditions	Dr Sanjay Gupta, ACTREC, Tata Memorial Center, Mumbai, sgupta@actrec.gov.in	Dr. Ashish Sharma	17/02/2022	National	Research	0	17/02/2022
5	Department of Biotechnology	Insight into the Roles of Proline-Rich Extensin-like Receptor Protein Kinases of Bread Wheat ( <i>Triticum aestivum</i> L.)	Department of Plant Science and Plant Pathology, Montana State University, Bozeman, MT 59717-3140, USA, Department of Botany, Panjab University, Chandigarh 160014, India	Shumayla	23/06/2022	International	Research	0	23/06/2022
6	Department of Biotechnology	Long Non-Coding RNAs as Emerging Regulators of Pathogen Response in Plants.	Department of Botany, Panjab University, Chandigarh 160014, India	Yashraj Sharma	11/01/2022	National	Research	0	11/01/2022
7	Department of Biotechnology	Microplastics in soil: Impacts and microbial diversity and degradation.	National Research Centre for Grapes, Pune, India.	Neetu Goyal	23/11/2021	National	Research	DBT	23/01/2022
8	Department of Biotechnology	Identification of defense related gene families and their response against powdery and downy mildew infections in <i>Vitis vinifera</i>	National Research Centre for Grapes, Solapur Road, Pune, Maharashtra, 412 307, India	Neetu Goyal	30/10/2021	National	Research	SERB	30/10/2021
9	Department of Biotechnology	Compendium of Plant-Specific CRISPR Vectors and Their Technical Advantages	Department of Plant Pathology, University of Minnesota, Saint Paul, MN 55108, USA, Department of Botany, Panjab University, Chandigarh 160014, India, National Institute of Plant Genome Research, New Delhi 110067, India, Department of Agronomy and Plant Genetics, University of Minnesota, Saint Paul, MN 55108, USA	Anshu Alok	28/09/2021	International	Review	0	28/09/2021
10	Department of Biotechnology	LysM domain-containing proteins modulate stress response and	Department of Botany, Panjab University, Chandigarh, 160014, India	Shumayla	27/09/2021	National	Research	0	27/09/2021

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of Valid financial support	Upto
		signalling in Triticum aestivum L..							
11	Department of Biotechnology	Exploring the role of wheat multi-copper oxidases in iron homeostasis	Dr. Ajay Kumar Pandey, Scientist-F, NABI, Mohali	Riya Joon	21/04/2022	National	Research	NABI-JRF20/04/2027	

### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	0	0	0
Class rooms	0	0	0
Class rooms with Wifi/LAN facility	0	0	0
Class rooms with ICT facility (LCD/Projector)	0	0	0
No. of Research Labs	0	0	0
No. of Computer labs	0	0	0
Video Centre	0	0	0
Seminar Halls with ICT facility	0	0	0
Seminar Halls	0	0	0
No. of important equipments purchased ( $\geq 10$ lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	4940	4940

### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
Science Day Celebration	28/02/2022	28/02/2022
Fresher's party 2021-22	20/04/2022	20/04/2022

### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

### 7. Number of Patents Published/Awarded

SNo	Patent	Author	Date	Status	National/International	Patent Number/ Application Number
1	Nitrile hydrolyzing microbes for industrial use	R. Sharma, S. Sharma, Monika Sharma, E. Khullar, K. Bansal, A. Sharma	10/08/2021	Granted	National	1. Patent No. 374254



SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
2	Anti-carcinogenic potential of leaf extracts of the medicinal plant <i>Pithecellobium dulce</i> .	Monika Sharma, S. Khanna, S. Sharma, J. Kaur, R. Sharma	11/08/2021	Granted	National	Patent No. 374339

#### 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

## BOTANY

### SUMMARY OF PUBLICATIONS

The Department of Botany, Panjab University was established in 1919 at Lahore. It shifted to Chandigarh in 1960 from Khalsa College, Amritsar where it was housed temporarily after partition of the country in 1947 with Prof. P.N. Mehra as the Head of the Department. The department has grown into a well-recognized Centre for higher learning and research in structural, functional and evolutionary aspects of Plants. In fact, this is the only Botany Department in the country, which has the necessary expertise to attend to all plant groups. While the contributions have been tremendous in the understanding of fundamentals of Plant Sciences, the department has also kept pace with the changing national priorities. Some of the major areas of research in the department are: improvement and propagation of economically important plants (orchids, bamboos, ferns, trees); mushroom cultivation; identification of eco-friendly herbicides and pesticides; evaluation and conservation of plant biodiversity; and importance of microbes in human welfare. The department attracts students for Undergraduate and Postgraduate studies and Doctoral research from within and outside the country. In addition to teaching through modern techniques, seminars, symposia, workshops, invited lectures and botanical excursions are an integral part of academic programme of the department. The department has a well-stocked Library with nearly 6,444 books and over 21 regular scientific journals. A Central Instrumentation Lab, with two technical experts for maintenance, caters to the research needs of the faculty and the students. The department also houses an internationally recognized Herbarium (abbreviated as PAN) and a Museum. National and foreign research workers consult the Herbarium with a rich collection of Bryophytes, Ferns, Gymnosperms and Angiosperms and it also provides exchangeable loan facility of specimens. Algal and Fungal Herbarium is an added attraction of the department. Recently, the department has been sanctioned BSR fellowships under UGC-SAP (DRS) programme. Additionally, the UGC sanctions funds for infrastructural development to the department from time to time. Besides this, many projects are funded by DST, MoEF, UGC, CSIR and a multinational company. The Department also has the "P.N. Mehra Botanical Gardens", spread over 16 acres of land and named after its founder. It is one of the better known botanical gardens attached to a university of the country. Special attractions in the garden for the visitors are the Arboretum with nearly 225 species of trees; the water garden consisting of lily-ponds and vegetated with species of *Nelumbium* and *Nymphaea*. The Cactus-House has more than 100 species of cacti while the Orchid-House has amazingly beautiful orchids collected from different parts of India. In the Fern-House grow nearly 50 species of ferns and fern allies. Of considerable botanical interest is the Bambusetum with over two dozen rare species of bamboos collected and grown during the last 40 years. Several interesting succulent plants collected from different parts of the country further contribute to the beauty of the garden. In order to grow plants under controlled conditions the garden has an automated Greenhouse. There is a well-maintained nursery where plants are raised, multiplied, acclimatized and then transplanted. The botanical garden, besides serving as the repository of the source material for botanical studies, is also geared to cater to the dire need of conserving and enriching plant bio-diversity through exchange of plant and seeds.

## PUBLICATIONS

### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
H Sharma, A Sharma, SK Upadhyay (2022)	A glimpse of boron transport in plants; Cation Transporters in Plants; Elsevier	978-0-323-85790-1	International
Madhu, Amandeep Kaur, Santosh Kumar Upadhyay (2022)	Agricultural applications of engineered microbes; Current Developments in Biotechnology and Bioengineering; Elsevier	978-0-323-88504-1	International
Santosh O., Bajwa H.K., Bisht M. S. and Nirmala C (2021)	Application of Bamboo in the Food and Pharmaceutical Industry.; Biotechnological Advances in Bamboo: Ahmad, Zishan, Ding, Yulong, Shahzad, Anwar (Eds.); Springer Nature Singapore Pte Ltd. 2021	ISBN 978-981-16-1310-4	Nil/NA
Prof. Harsh Nayyar (2022)	Approaches Toward Developing Heat and Drought - Tolerance in Mungbean : IN Developing Climate Resilient Grain and Forage Legumes; -, Springer, Singapore		International
Prof. Neera Garg (2021)	Arsenic and Oxidative Stress in Plants: Induction and Scavenging; Latef, AAHA (Ed.) Organic Solutes, Oxidative Stress, and Antioxidant Enzymes Under Abiotic Stressors, CRC Press, pp 153-170; Taylor and Francis Group	9781032040523	International
Sameer Dixit, Akanchha Shukla, Vinayak Singh, Santosh Kumar Upadhyay (2021)	Bioprospecting of Natural Compounds for Industrial and Medical Applications: Current Scenario and Bottleneck; Bioprospecting of Plant Biodiversity for Industrial Molecules; John Wiley & Sons, Ltd	978-1-119-71721-8	International
Dr. Jaspreet Kaur (2021)	Bioprospection of Orchids and Appraisal of their Therapeutic Indications; In: Bio-prospecting of plant biodiversity for industrial molecules. SK Upadhyay and SP Singh (eds.); John Wiley & Sons	ISBN: 978-1-119-71721-8	International
Santosh Kumar Upadhyay (2022)	Cation Transporters in Plants; Cation Transporters in Plants; Elsevier	978-0-323-85790-1	International
A Sharma, H Sharma, SK Upadhyay (2022)	Cation transporters in plants: an overview; Cation Transporters in Plants; Elsevier	978-0-323-85790-1	International
A Kaur, Madhu, SK Upadhyay (2022)	EF-hand domain-containing proteins: diversity and role in plants; Cation Transporters in Plants; Elsevier	978-0-323-85790-1	International
Surjeet Kumar Arya, Shatrughan Shiva, Santosh Kumar Upadhyay (2021)	Entomotoxic Proteins from Plant Biodiversity to Control the Crop Insect Pests; Bioprospecting of Plant Biodiversity for Industrial Molecules; John Wiley & Sons, Ltd	978-1-119-71721-8	International
Prof. Neera Garg (2021)	Extreme Temperature-Induced Osmotic and Oxidative Stress: Defensive Role of Organic Solutes and Antioxidants; Latef, AAHA (Ed.) Organic Solutes, Oxidative Stress, and Antioxidant Enzymes Under Abiotic Stressors. CRC Press, pp 263-284; Taylor and Francis Group	9781032040523	International

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISBN Number</b>	<b>State/ National/ International</b>
Prof. Harsh Nayyar (2021)	Genomics and Proteomics of Cold Tolerance in Food Crops; -, Agrobios	ISBN : 9788193925546	International
Prof. Harsh Nayyar (2022)	Horse Gram, An Underutilized Climate-Resilient Legume: Breeding and Genomic Approach for Improving Future Genetic Gain; Developing Climate Resilient Grain and Forage Legumes; Springer, Singapore	ISBN: 978-981-16-9848-4	International
Prof. Harsh Nayyar (2022)	Improving Chickpea Genetic Gain Under Rising Drought and Heat Stress Using Breeding Approaches and Modern Technologies; Developing Climate Resilient Grain and Forage Legumes; Springer, Singapore	ISBN :978-981-16-9847-7	International
Yashraj Sharma, Alok Sharma, Madhu, Shumayla, Kashmir Singh, Santosh Kumar Upadhyay (2022)	Long Non-Coding RNAs as Emerging Regulators of Pathogen Response in Plants; Non-Coding RNA; Multidisciplinary Digital Publishing Institute		International
Shumayla, Santosh Kumar Upadhyay (2022)	Mechanism of iron uptake and homeostasis in plants; Cation Transporters in Plants; Elsevier	978-0-323-85790-1	International
Prof. Neera Garg (2021)	Microbial community in soil-plant systems: Role in heavy metal (loid) detoxification and sustainable agriculture; Dubey, R.C., Kumar, P.K. (Eds) Rhizosphere Engineering, Academic Press, 471-498; Elsevier	9780323899734	International
H Sharma, A Sharma, SK Upadhyay (2022)	Na <sup>+</sup> /H <sup>+</sup> antiporter (NHX) and salt stress tolerance; Cation Transporters in Plants; Elsevier	978-0-323-85790-1	International
Dr. Jaspreet Kaur (2021)	Orchids and mycorrhizal endophytes: A hand in glove relationship; Wani et al (eds.) Endophyte Biology: Recent findings from Kashmir Himalayas.; Apple Academic Press	ISSN: 0254-6299	International
Dr. A.N. Singh (2022)	Phytoremediation: A wonderful cost-effective tool; Cost Effective Technologies for Solid Waste and Wastewater Treatment; Elsevier	978-0-12-822933-0	International
Prof. Neera Garg (2021)	Role of Non-Enzymatic Antioxidant Defense Mechanisms in Imparting Heavy Metal, Salt, Water and Temperature Stress Tolerance in Plants; Latef, AAHA (Ed.) Organic Solutes, Oxidative Stress, and Antioxidant Enzymes Under Abiotic Stressors. CRC Press. pp 321-338; Taylor and Francis Group	9781032040523	International
Prof. Neera Garg (2021)	Significance of Organic Solutes in Modulating Plant Inherent Responses under Heavy Metal Stress; Latef, AAHA (Ed.) Organic Solutes, Oxidative Stress, and Antioxidant Enzymes Under Abiotic Stressors, pp 61-82; Taylor and Francis Group	9781032040523	International

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Dr. A.N. Singh (2022)	Treatment of harvested rainwater and reuse: Practices, prospects and challenges; Cost Effective Technologies for Solid Waste and Wastewater Treatment; Elsevier	978-0-12-822933-0	International

#### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Prof. Harsh Nayyar (2022)	"Omics' approaches in developing combined drought and heat tolerance in food crops"; Plant Cell Reports	ISSN: 0721-7714 (Print) 1432-203X (Online)	Yes	Springer Science + Business Media
Prof. Harsh Nayyar (2022)	"Phenotypic evaluation of agronomic and root related traits for drought tolerance in recombinant inbred line population derived from a chickpea cultivar ( <i>C. arietinum</i> L.) and its wild relative ( <i>C. reticulatum</i> )"; Physiology and Molecular Biology of plants	ISSN: 09740430	Yes	Springer
Trikha R. and Nirmala C. (2021)	A Comprehensive Study on Private Sector's R&D Incentivization Landscape in USA and India: Lessons Drawn for India; Science, Technology & Public Policy	ISSN online: 2640-4621	Yes	Science Publishing Group
Prof. M.C. Sidhu (2021)	A cytomorphological investigation of three species of the genus <i>sonchus</i> L. (Asterales:Asteraceae) from Punjab, India; Journal of Threatened Taxa	0974-7907	Yes	Journal of Threatened Taxa
Ridhi R and Nirmala C. (2021)	A review on Policy Gaps of Agriculture Research and Development (R&D) in India and their effect on Agricultural Stakeholders; International Journal of Management, Technology, and Social Sciences (IJMTS)	ISSN: 2581-6012	Yes	Srinivas Publication
Dr. Jaspreet Kaur (2022)	A Walk Through the Maze of Secondary Metabolism in Orchids: A Transcriptomic Approach; Frontiers in Plant Science	1664-462X	Yes	Frontiers
Nishad J., Panda A.K., Chowrasia S., Nirmala C. and Mondal T.K. (2022)	Allantoin mediated regulation of miRNAs for short term salinity stress tolerance in <i>Oryza sativa</i> L.CV IR-29.; Journal of Biochemistry and Biotechnology	ISSN- 0976-6235	Yes	Springer
A. Kaur, S. Kaur, H.P. Singh, D.R. Batish (2022)	Alterations in phytotoxicity and allelochemistry in response to intraspecific variation in <i>Parthenium hysterophorus</i> ; Ecological Complexity	1476-945X	Yes	Elsevier
Mahajan, P., Sharma, P., Singh, H.P., Rathe, S., Sharma, M., Batish, D.R., Kohli, R.K. (2021)	Amelioration potential of $\beta$ -pinene on Cr(VI)-induced toxicity on morphology, physiology and ultrastructure of maize; Environmental Science and Pollution Research	09441344	Yes	NA

Prof. Neera Garg (2022)	AMF modulated rhizospheric microbial enzyme activities and their impact on sulphur assimilation along with thiol metabolism in pigeonpea under Cd stress; Rhizosphere, 100478	2452-2198	Yes	Elsevier
Prof. Neera Garg (2022)	AMF species improve yielding potential of Cd stressed pigeonpea plants by modulating sucrose-starch metabolism, nutrients acquisition and soil microbial enzymatic activities; Plant Growth Regulation, 96, 409-430	0167-6903	Yes	Springer
Rana K. R., Nirmala C., Bisht M. S., Patial A. and Attri S. (2021)	Amino acid profiling of some bamboo species by using RP-UHPLC and their Therapeutical aspects; Asian Journal of Pharmaceutical and clinical Research	ISSN Online - 2455-3891	Yes	Innovare Academic Sciences Pvt Ltd
Kaur, A., Batish, D.R., Kaur, S., Chauhan, B.S (2021)	An Overview of the Characteristics and Potential of Calotropis procera From Botanical, Ecological, and Economic Perspectives; Frontiers in Plant Sciences 12,690806	-	No	Frontiers
Dr. A.N. Singh (2022)	Angelica glauca Edgew. – A comprehensive review; Journal of Applied Research on Medicinal and Aromatic Plants Q	2214-7861	Yes	Elsevier
Santosh O., Bajwa H.K, Bisht M.S. and Nirmala C. (2021)	Antioxidant activity and sensory evaluation of crispy salted snacks fortified with bamboo shoot rich in bioactive compounds.; Applied Food Research	ISSN 2772-5022	Yes	Elsevier
Thakur Babita and Promila Pathak (2022)	Application of organic additives for the enhancement of seed germination and seedling development in an endangered and medicinal orchid, rhynchostylis retusa (L.) Blume through asymbiotic culture; The Journal of the Orchid Society of India	0971-5371	Yes	Orchid Society of India
Prof. Neera Garg (2021)	Arbuscular mycorrhizae and silicon alleviate arsenic toxicity by enhancing soil nutrient availability, starch degradation and productivity in Cajanus cajan (L.) Millsp.; Mycorrhiza, 31(6), 735-754	0940-6360	Yes	Springer
Prof. Harsh Nayyar (2022)	Individual and combined effects of selenium and silica on enhancing the heat tolerance of lentil (Lens culinaris Medik.) genotypes; Plant Physiology Reports	ISSN:26622548	Yes	Springer India
Bajwa H. K., Santosh O. and Nirmala C. (2021)	Bamboo shoot for Food and Nutritional security; Journal of Pharmacognosy and Phytochemistry	ISSN Online: 2278-4136	Yes	AkiNik Publication s
Prof. Harsh Nayyar (2022)	Breeding and Genomics Interventions for Developing Ascochyta Blight Resistant Grain Legumes; International journal of molecular sciences	ISSN : 14220068	Yes	Multidisciplinary Digital Publishing Institute (MDPI)
Sharma, P., Ahmad, M., Rathee, S., Singh,	Bridging the gap: linking morpho-functional traits' plasticity with hyperaccumulation; Environmental Monitoring and Assessment	01676369	Yes	Springer Science and Business

H. P., Batish, D.R., Kohli, R.K. (2021)				Media Deutschland GmbH
K. Grewal, J. Joshi, S. Rathee, S. Kaur, H.P. Singh, D.R. Batish (2022)	Chemical Composition and Potential of Eucalyptus camaldulensis Dehnh. Essential Oil and Its Major Components as Anti-inflammatory and Anti-leishmanial Agent; Journal of Essential Oil Bearing Plants.	0972-060X	Yes	Taylor and Francis
Prof. Harsh Nayyar (2021)	Cold tolerance during the reproductive phase in chickpea ( <i>Cicer arietinum</i> L.) is associated with superior cold acclimation ability involving antioxidants and cryoprotective solutes in anthers and ovules; Antioxidants	ISSN 2076-3921	Yes	MDPI (Multidisciplinary Digital Publishing Institute)
Dr. A.N. Singh (2022)	Comparative soil restoration potential of exotic and native woody plantations on coal mine spoil in a dry tropical environment of India: A case study; Land Degradation & Development	1099-145X	Yes	Wiley
Anshu Alok, Hanny Chauhan, Santosh Kumar Upadhyay, Ashutosh Pandey, Jitendra Kumar, Kashmir Singh (2021)	Compendium of Plant-Specific CRISPR Vectors and Their Technical Advantages; Life	NA	Yes	Multidisciplinary Digital Publishing Institute
Masood, F., Pandey, R.,Singh, H.P., Gupta, A.S., Kaur, S., Batish, D.R., Kohli, R.K. (2021)	Cytotoxic and genotoxic assessment of agricultural soils from an industrial region; Environmental Monitoring and Assessment, 193 (8), art. no. 526	1676369	No	Springer
Kumari Anamika and Promila Pathak (2022)	De novo plantlet regeneration from leaf explants of <i>Rhynchosstylis retusa</i> (L.) Blume: a study in vitro; The Journal of the Orchid Society of India	0971-5371	Yes	Orchid Society of India
Prof. Harsh Nayyar (2021)	Differential DNA methylation in regulation of deacetyltransferase-4-O-acetyl transferase (DAT) gene in <i>Catharanthus roseus</i> ; Journal of Plant Biochemistry and Biotechnology	ISSN: 0974-1275	Yes	Springer
Prof. Neera Garg (2021)	Differential effectiveness of Arbuscular Mycorrhizae in improving Rhizobial symbiosis by modulating Sucrose metabolism and Antioxidant defense in Chickpea under As stress; Symbiosis, 86(1), 49-69	0334-5114	Yes	Springer
Prof. Harsh Nayyar (2021)	Discerning molecular diversity and association mapping for phenological, physiological, and yield traits under high-temperature stress in chickpea ( <i>Cicer arietinum</i> L.); Journal of Genetics	ISSN:0022-1333 (Print), 0973-7731 (Web)	Yes	Springer
Prof. Harsh Nayyar (2021)	Disruption of carbohydrate and proline metabolism in anthers under low temperature	ISSN:0098-8472	Yes	Elsevier

	causes pollen sterility in chickpea; Environmental and Experimental Botany			
Jaryal Pratibha, Promila Pathak, and Vasundhra (2022)	Diversity, indigenous uses, morphological description, and conservation status of orchids of Kareri Lake And Triund Hill In District Kangra of Himachal Pradesh, NorthWestern Himalayas; The Journal of the Orchid Society of India	0971-5371	Yes	Orchid Society of India
Prof. Harsh Nayyar (2022)	Drought priming induces chilling tolerance and improves reproductive functioning in chickpea ( <i>Cicer arietinum</i> L.); Plant Cell Reports	ISSN; 07217714	Yes	Springer Science + Business Media
Dr. A.N. Singh (2022)	Ecological performances of exotic and native woody species on coal mine spoil in Indian dry tropical region; Ecological Engineering	0925-8574	Yes	Elsevier
Amandeep Kaur, Alok Sharma, Madhu, Praveen Chandra Verma, Santosh Kumar Upadhyay (2022)	EF-hand domain-containing proteins in <i>Triticum aestivum</i> : Insight into their roles in stress response and signalling; South African Journal of Botany	NA	Yes	Elsevier
Prof. Harsh Nayyar (2022)	Elucidating genetic diversity and association mapping to identify SSR markers linked to 100 seed weight in chickpea ( <i>Cicer arietinum</i> L.); Indian Journal of Genetics and Plant Breeding	ISSN: 0975-6906	Yes	The Indian Society of Genetics & Plant Breeding
Prof. Harsh Nayyar (2022)	Ensuring Global Food Security by Improving Protein Content in Major Grain Legumes Using Breeding and ‘Omics’ Tools; International journal of molecular sciences	ISSN : 14220067	Yes	Multidisciplinary Digital Publishing Institute (MDPI)
M. Sharma K. Grewal K, R. Jandrotia, D.R. Batish, H.P. Singh and R.K.Kohli (2022)	Essential oils as anticancer agents: Potential role in malignancies, drug delivery mechanisms, and immune system enhancement.; Biomedicine and Pharmacotherapy	0753-3322	Yes	Elsevier
Prof. M.C. Sidhu (2022)	Establishing the dominating behavior of an aquatic plant ‘ <i>Najas marina</i> ’ L.; Vegetos, 35	NA	Yes	Springer
R. Pandey, B. Krishnamurthy, H.P. Singh, and D.R. Batish (2022)	Evaluation of a glycolipopetide biosurfactant from <i>Aeromonas hydrophila</i> RP1 for bioremediation and enhanced oil recovery; Journal of Cleaner Production	0959-6526	Yes	Elsevier
Prof. M.C. Sidhu (2022)	Evaluation of antibacterial activity of selected plant species from the State of Punjab, India; International Journal of Ayurvedic Medicine, 13(2): 520-526	0976-5921	Yes	Ayurveda Sahiti Prabha, Hyderabad, Telangana
Rana K. R., Nirmala C. and Bisht M.S. (2021)	Evaluation of Proximate Composition, Vitamins, Amino Acids, Antioxidant Activities and Bioactive Compounds of Young Edible bamboo ( <i>Phyllostachys Mannii</i>	ISSN Online 2322-0007	Yes	Enviro Research Publishers

	Gamble).; Current Research in Nutrition and Food Science			
Madhu, Amandeep Kaur, Shivi Tyagi, Shumayla, Kashmir Singh, Santosh Kumar Upadhyay (2022)	Exploration of glutathione reductase for abiotic stress response in bread wheat ( <i>Triticum aestivum</i> L.); Plant Cell Reports	NA	Yes	Springer Berlin Heidelberg
Dr. Jaspreet Kaur (2022)	Extraction and characterization of secondary metabolites from <i>Crepidium acuminatum</i> (D. Don) Szlach: A miraculous orchid; South African Journal of Botany	ISSN: 0254-6299	No	Elsevier
Ahmad, M., Uniyal, S.K., Batish, D.R., Rathee, S., Sharma, P., Sharma, P., Singh, H.P. (2021)	Flower phenological events and duration pattern is influenced by temperature and elevation in Dhauladhar mountain range of Lesser Himalaya; Ecological Indicators	1470160X	Yes	Elsevier B.V.
Jyoti Sharma, Anil Kumar Thakur And Kamal Jit Singh (2021)	Free Radical Scavenging And Antioxidant Potential Of Some Ethnobotanically Important Plants From Himachal Pradesh (INDIA); The Journal of the Indian Botanical Society	0019-4468	Yes	The Indian Botanical Society
Prof. Neera Garg (2021)	Gene expression analysis for selection and validation of suitable housekeeping gene (s) in cadmium exposed pigeonpea plants inoculated with arbuscular mycorrhizae; Plant Physiology and Biochemistry, 162, 592-602	0981-9428	Yes	Elsevier
Madhvi Kanchanl†, Thakku R. Ramkumar 2†, Himani 1 and Jaspreet K. Sembi 1 (2021)	Genome-wide characterization and expression profiling of the Phospholipase C (PLC) gene family in three orchids of economic importance; Journal of Genetic Engineering and Biotechnology	ISSN: 2090-5920	Yes	SpringerOpen
Madhu, Alok Sharma, Amandeep Kaur, Shivi Tyagi, Santosh Kumar Upadhyay (2022)	Glutathione Peroxidases in Plants: Innumerable Role in Abiotic Stress Tolerance and Plant Development; Journal of Plant Growth Regulation	0	Yes	Springer USC
Sunita, Promila Pathak, and K C Mahant (2022)	Green pod culture of an endangered and medicinally important orchid, <i>Vanda cristata</i> wall. ex Lindl. from Himachal Pradesh; The Journal of the Orchid Society of India	0971-5371	Yes	Orchid Society of India
Prof. Harsh Nayyar (2021)	Heat priming of lentil ( <i>Lens culinaris</i> Medik.) seeds and foliar treatment with $\gamma$ -aminobutyric acid (GABA), confers protection to reproductive function and yield traits under high-temperature stress environments.; International Journal of Molecular Sciences	ISSN: 1422-0067	Yes	MDPI (Multidisciplinary Digital Publishing Institute)



Dr. A.N. Singh (2022)	Herbaceous vegetation under planted woody species on coal mine spoil acts as a source of organic matter; <i>Acta Oecologica</i>	1146-609X	Yes	Elsevier
Vasundhra, Promila Pathak, and Anuprabha (2022)	in vitro asymbiotic seed germination and regeneration competence of leaf explants in <i>Satyrium nepalense</i> D. Don, a medicinally important, and an endangered terrestrial orchid Of Kasauli Hills, Himachal Pradesh (Northwestern Himalayas); <i>The Journal of the Orchid Society of India</i>	0971-5371	Yes	Orchid Society of India
Shumayla, Venugopal Mendu, Kashmir Singh, Santosh Kumar Upadhyay (2022)	Insight into the Roles of Proline-Rich Extensin-like Receptor Protein Kinases of Bread Wheat ( <i>Triticum aestivum</i> L.); <i>Life</i>	NA	Yes	Multidisciplinary Digital Publishing Institute
Kaur, H., & Garg, N. (2021)	Interactive Effects of Zinc-Arbuscular Mycorrhizal (AM) Fungi on Cadmium Uptake, Rubisco, Osmolyte Synthesis and Yield in <i>Cajanus cajan</i> (L.) Millsp; <i>International Journal of Sustainable Agricultural Research</i> , 8(1), 17-42	2312-6477	Yes	International Conscientia a Beam
K.K. Mehal, A. Kaur, H.P. Singh, D.R. Batish (2022)	Investigating the phytotoxic potential of <i>Verbesina encelioides</i> : effect on growth and performance of co-occurring weed species; <i>Protoplasma</i>	0033-183X	Yes	Springer Nature
Garima Bhatia, Santosh K Upadhyay, Anuradha Upadhyay, Kashmir Singh (2021)	Investigation of long non-coding RNAs as regulatory players of grapevine response to powdery and downy mildew infection; <i>BMC Plant Biology</i>	0	Yes	BioMed Central
Meenakshi Rathour, Shumayla, Anshu Alok, Santosh Kumar Upadhyay (2022)	Investigation of Roles of TaTALE Genes during Development and Stress Response in Bread Wheat; <i>Plants</i>	0	Yes	Multidisciplinary Digital Publishing Institute
Kaur, S., Chowhan, N., Sharma, P., Rathee, S., Singh, H.P., Batish, D.R (2021)	$\beta$ -Pinene alleviates arsenic (As)- induced oxidative stress by modulating enzymatic antioxidant activities in roots of <i>Oryza sativa</i> ; <i>Ecotoxicology and Environmental Safety</i> 229,113080	-	No	Elsevier
Prof. Harsh Nayyar (2021)	Major QTLs and potential candidate genes for heat stress tolerance identified in chickpea ( <i>Cicer arietinum</i> L.); <i>Frontiers in plant science</i>	ISSN:1664-462X	Yes	Frontiers media
Nirmala C., Bisht, M. S., Bajwa, H. K., Santosh, O., & Indira, A. (2021)	Mineral elements in Bamboo shoots and Potential role in Food Fortification; <i>Journal of Food Composition and Analysis</i>	ISSN: 0889-1575	Yes	Elsevier

Himanshu Sharma, Alok Sharma, Ruchika Rajput, Sukhjeet Sidhu, Harpal Dhillon, Praveen Chandra Verma, (2022)	Molecular Characterization, Evolutionary Analysis, and Expression Profiling of BOR Genes in Important Cereals; Plants	NA	Yes	Multidisciplinary Digital Publishing Institute
Lal, R., Kaur, A., Kaur, S., Batish, D.R., Singh, H.P., Sharma, M., Kohli, R.K. (2021)	Nature of phytotoxic interference of alien weed 'Calyptocarpus vialis' against some crop plants; Environmental Monitoring and Assessment 193(6),334	-	No	Springer
Prof. Harsh Nayyar (2021)	Nitric oxide secures reproductive efficiency in heat-stressed lentil ( <i>Lens culinaris</i> Medik.) plants by enhancing the photosynthetic ability to improve yield traits; Physiology and Molecular Biology of Plants	ISSN 0971-5894	Yes	Springer Science + Business Media
Prof. Harsh Nayyar (2021)	Non-coding RNAs in legumes: Their emerging roles in regulating biotic/abiotic stress responses and plant growth and development.; Cells	ISSN: 2073-4409	Yes	MDPI (Multidisciplinary Digital Publishing Institute)
Bhatti R. C., Kaur R., Kumar A., Kumar V., Singh S., Kumar P. Nirmala C. and Singh A. N. (2022)	Nutrient component analyses of selected wild edible plants from Hamirpur district of Himachal Pradesh, India: an evaluation for future food; Vegetos	ISSN Online: 2229-4473	Yes	Springer
Thounaojam P., Haorongbam S., Rawat K, Bisht M. S., and Nirmala C. (2021)	Nutritional and mineral element evaluation in young shoots of different bamboo species of Manipur, India.; Plant Archives	ISSN:0972-5210	Yes	Dr. R.S. Yadab
Verma Jagdeep, Kranti Thakur, Jaspreet K Sembi, Kusum, and Promila Pathak (2022)	On the occurrence of a leafless <i>Cymbidium</i> in Western Himalaya; The Journal of the Orchid Society of India	0971-5371	Yes	Orchid Society of India
Tsewang Thupstan, Verma Vivek, Acharya Somen and Kapila Sunita (2021)	Onion-Herbal medication and its applications; Journal of Pharmacognosy and Phytochemistry	2349-8234	Yes	Society of Pharmacognosy and Phytochemistry
Kaur, A., Kaur, S., Jandrotia, R., Singh, H. P., Kohli, R. K., Rana,	Parthenin—a sesquiterpene lactone with multifaceted biological activities: Insights and prospects; Molecules	14203049	Yes	MDPI

V.S., Shakil, (2021)				
Prof. Promila Pathak and Pratibha Jaryal (2021)	Peristylus fallax Lindl. (Orchidaceae) - a new record for the orchid flora of Himachal Pradesh, India; Nelumbo	0976-5069	Yes	Nelumbo
Dr. Jaspreet Kaur (2022)	Phylogenetic analysis and expression profiling of nuclear factor-Y gene family in Dendrobium catenatum Lindl. (Orchidaceae); Plant Gene	"2352-4073 ISSN"	No	Elsevier
Prof. Harsh Nayyar (2022)	Physiological and Molecular Approaches for Developing Thermotolerance in Vegetable Crops: A Growth, Yield, and Sustenance Perspective; Frontiers in Plant Science	ISSN:1664-462X	Yes	Frontiers media
Bajwa H. K, Santosh O., Bisht M. S. and Nirmala C. (2021)	Phytomodulatory effects of Dendrocalamus hamiltonii (Nees& Arn. ExMunro) shoots on the hepatic status of healthy male Balb/cmice.; Journal of Pharmacognosy and Phytochemistry	ISSN Online:2278-4136	Yes	AkiNik Publications
Dahiya, S., Batish, D.R., Singh, H.P. (2021)	Phytotoxicity of essential oil of Pogostemon benghalensis and its potential use as bioherbicide; Vegetos	0970-4078	Yes	Springer
Dr. A.N. Singh (2022)	Plant ecology in Indian Siwalik range: A systematic map and its bibliometric analysis; Tropical Ecology	2661-8982	Yes	Springer
Prof. Neera Garg (2021)	Polyamines: A promising strategy for imparting salinity stress tolerance in legumes; Singh, V.P., Singh, S., Tripathi, D.K., Prasad, S.M., Bhardwaj, R., Chauhan, D.K. (Eds.) Abiotic Stress and Legumes. Academic Press, 137-174	9780128153550	Yes	Elsevier
Arshpreet Kaur, Devina Ghai, Vikramaditya G. Yadav, Sandip V. Pawar and Jaspreet K. Sembi. (2022)	Polyketide synthases (PKSs) of secondary metabolism: in silico identification and characterization in orchids; Journal of Biomolecular Structure & Dynamics	Print ISSN: 0739-1102, Online ISSN: 1538-0254	Yes	Taylor & Francis
Sharma,R., Kaur,S., Uniyal,S.K., (2022)	Population and vulnerability assessment of high value medicinal plants in the alpine regions of western himalaya; Journal of Applied Research on Medicinal and Aromatic Plants 26,100353	-	No	Elsevier
Prof. Harsh Nayyar (2022)	Progress of genomics-driven approaches for sustaining underutilized legume crops in the post-genomic era; Frontiers in genetics	ISSN: 16648021	Yes	Frontiers Media S.A
Nirmala C., Shahar B., Dolma N. and Santosh O. (2022)	Promising underutilized wild plants of cold desert Ladakh, India for nutritional security and health benefits; Applied Food Research	ISSN 2772-5022	Yes	Elsevier
Santosh O., Bajwa H. K., Bisht M.S. and Nirmala C. (2021)	Quality evaluation of biscuits fortified with bamboo shoot for their sensory properties; Journal of Pharmacognosy and Phytochemistry	ISSN Online:2278-4136	Yes	AkiNik Publications

Nirmala C., Bisht, Madho Singh, Thounaojam P., Bajwa, H. K., Sharma V and Santosh O. (2021)	Quality improvement of bamboo shoots by removal of antinutrients using different processing techniques: A review; Journal of Food Science and Technology	ISSN 0022-1155	Yes	Springer
Prof. Promila Pathak (2022)	Regeneration competence of an endangered orchid, <i>Vanda cristata</i> Wall. ex Lindl. using leaf explants: A study in vitro; South African Journal of Botany	0254-6299	Yes	Elsevier B.V.
Saroy, K., & Garg, N. (2021)	Relative effectiveness of arbuscular mycorrhiza and polyamines in modulating ROS generation and ascorbate-glutathione cycle in <i>Cajanus cajan</i> under nickel stress.; Environmental Science and Pollution Research, 28(35)	1614-7499	Yes	Springer
Garg, N., & Cheema, A. (2021)	Relative roles of Arbuscular Mycorrhizae in establishing a correlation between soil properties, carbohydrate utilization and yield in <i>Cicer arietinum</i> L. under As stress.; Ecotoxicology and Environmental Safety, 207, 111196	0147-6513	Yes	Elsevier
Prof. Harsh Nayyar (2022)	Response of Physiological, Reproductive Function and Yield Traits in Cultivated Chickpea ( <i>Cicer arietinum</i> L.) Under Heat Stress; Frontiers in plant science	ISSN: 1664-462X	Yes	Frontiers media SA
Prof. Harsh Nayyar (2022)	Role of Phytohormones in Regulating Heat Stress Acclimation in Agricultural Crops; Journal of Plant Growth Regulation	ISSN: 7217595	Yes	Springer
Kaur, G., Sharma, P., Rathee, S., Singh, H. P., Batish, D.R., Kohli, R.K. (2021)	Salicylic acid pre-treatment modulates Pb <sup>2+</sup> -induced DNA damage vis-à-vis oxidative stress in <i>Allium cepa</i> roots; Environmental Science and Pollution Research	9441344	Yes	Springer
S. Rathee, P. Sharma, M. Ahmad, D.R. Batish, H.P. Singh, S. Kaur, S.S. Yadav (2022)	Seed size dimorphism in <i>Hyptis suaveolens</i> aids in differentiation of the germination niche; Plant Biology	1435-8603	Yes	German Society for Plant Sciences
Prof. Harsh Nayyar (2022)	Selenium supplementation to lentil ( <i>Lens culinaris</i> Medik.) under combined heat and drought stress improves photosynthetic ability, antioxidant systems, reproductive function and yield traits; Plant and Soil	ISSN:15735036	Yes	Springer Science+Business Media and the Royal Netherlands Society of Agricultural Science

Kaur, S., Vian, A., Chandel, S., Singh, H.P., Batish, D.R., Kohli, R.K. (2021)	Sensitivity of plants to high frequency electromagnetic radiation: cellular mechanisms and morphological changes; Reviews in Environmental Science and Biotechnology, 20 (1), pp. 55-74.	ISSN 15691705	No	Springer
Lal Roshan, Ankush Prakash, and Promila Pathak (2022)	Soil profiling of some endangered terrestrial orchids of Shimla hills (Himachal Pradesh), Northwestern Himalayas; The Journal of the Orchid Society of India	0971-5371	Yes	Orchid Society of India
Garg, N., & Singla, P. (2016)	Stimulation of nitrogen fixation and trehalose biosynthesis by naringenin (Nar) and arbuscular mycorrhiza (AM) in chickpea under salinity stress; Plant Growth Regulation, 80(1), 5-22	1573-5087	Yes	Springer
Dr. A.N. Singh (2022)	The value of ecosystem services by the trees in the cities of India: A synthesis; International Journal of Ecology and Development	2326-7204	Yes	Indian Society for Development and Environment Research
Sharma, R., Kaur, S., Uniyal, S.K. (2022)	Tracking the seasonal dynamics of Himalayan birch using a time-lapse camera; Folia Geobotanica 56(2-3), pp. 125-138	-	No	Springer
Prof. Harsh Nayyar (2021)	Use of morpho-physiological and biochemical traits to identify sources of drought and heat tolerance in chickpea ( <i>Cicer arietinum</i> ); Crop and Pasture Science	ISSN: 1836-0947	Yes	CSIRO
A. Sharma, S.K. Uniyal, D.R. Batish, H.P. Singh (2022)	Utilization of fuelwood species by the Bhangalis community of western Himalaya, India; Environment, Development and Sustainability	1387-585X	Yes	Springer
I. Maan, A. Kaur, A. Sharma, H.P. Singh, D.R. Batish, R.K. Kohli and N.K. Arora (2022)	Variations in leaf litter decomposition explain invasion success of <i>Broussonetia papyrifera</i> over congeneric non-invasive <i>Morus alba</i> in urban habitats; Urban Forestry and Urban Greening	1618-8667	Yes	Elsevier
Prof. Neera Garg (2021)	Zinc toxicity in plants: a review; Planta, 253(6), 1-28	0032-0935	Yes	Springer

#### DETAILS OF PUBLICATIONS

##### Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### DETAILS OF PUBLICATIONS

##### Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
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##### Summary of Research Publications July 1, 2021 to June 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	Department of Botany	Peer Review Journals	87	8	0	95

S.no	Department	Type of Journal	International	National	Others	Total
2	Department of Botany	Non Peer Review Journals	11	0	0	11
3	Department of Botany	Chapter in a book	25	0	0	26

## RESEARCH SCHEMES

### Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
SERB	CRG	6195992	3411997	Major	2021 - 2024	Dr. S.K. Upadhyay
CSIR	CSIR Project	3500000	1576667	Major	2019 - 2022	Dr. S. K. Upadhyay
CSIR	CSIR	2396000	319398	Major	2018 - 2021	Prof. Harsh Nayyar
ICARDA	ICARDA	2111755	1065600	Major	2019 - 2021	Prof. Harsh Nayyar
DBT, New Delhi	Characterisation of chickpea germplasm resource to accelerate genomics assisted crop improvement	10000000	2500000	Major	2021 - 2026	Prof. Harsh Nayyar
DST, Chandigarh	Ecological assessment--- - Sukhna Wetland Ecosystem	100000	100000	Minor	2021 - 2023	Dr. A.N. Singh

## SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT

### Details of Seminars, Conferences, and Workshops organized during the Academic Year

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Talk on Orchids - A Fascinating World	2022-05-13	2022-05-13	National Agri-Food Biotechnology Institute	75
Tree talk in the Forest-The wood wide web	2021-12-13	2021-12-13	Chairperson Deptt. of Botany, PU, Chandigarh	75
Burning of Paddy stubble, A fiery problem for the Environment, Agriculture and Humans: Way to combat the issue	2021-10-19	2021-10-19	Prof. Promila Pathak, Chairperson, Deptt. of Botany, PU, Chandigarh	80
UDAAN	2021-12-23	2021-12-23	Deptt. of Higher Education, Govt. of Haryana	110
Earth Day	2022-04-22	2022-04-22	PU, Chandigarh.	145
Protection of Women against sexual harassment at workplace	2022-03-31	2022-03-31	Prof. Promila Patha, Chairperson, Deptt. of Botany, PU, Chandigarh	75
Refresher Course on Plant Taxonomy, Ecology and Biodiversity Conservation	2022-04-02	2022-04-18	Prof. (Dr.) Daizy R. Batish	150
Vigyan Sarvatre Pujayte, the glorious Science Week festival	2022-02-22	2022-02-28	Dr. Jaspreet Kaur, Department of Botany	1000

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Science Academies' Virtual Refresher Course on "Plant Taxonomy, Ecology and Biodiversity Conservation" (February 16-March 3, 2022)	2022-02-16	2022-03-03	Prof. (Dr.) Daizy R. Batish	0

### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

#### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S.n	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Department of Botany	Dr. Shalinder Kaur	Refresher Course on Environmental Studies	Professional Development Programmes	Refresher Course	National	Chandigarh	17/11/2021	30/11/2021	UGC-Human Resource Development Centre, Panjab University, Chandigarh jointly with Prof. (Dr) Promila Pathak, Course Coordinator, Department of Botany, Panjab University, Chandigarh
2	Department of Botany	Dr. Jaspreet Kaur	Refresher Course on Environmental Studies	Professional Development Programmes	Refresher Course	National	Chandigarh	17/11/2021	30/11/2021	UGC-Human Resource Development Centre, Panjab University, Chandigarh jointly with Prof. (Dr) Promila Pathak, Course Coordinator, Department of Botany, Panjab University, Chandigarh
3	Department of Botany	Dr. Jaspreet Kaur	XL Annual National Conference of Indian Society of professional Social Work	conference	Social Issues	National	Panjab University, Chandigarh	27/05/2022	28/05/2022	Centre for Social Work, Panjab University, Chandigarh
4	Department of Botany	Dr. Jaspreet Kaur	Vigyan Sarvatre Pujayte, the glorious Science Week festival	workshop	Orientation/Induction Programme	National	Panjab University, Chandigarh	22/02/2022	28/02/2022	Punjab State Council for Science and Technology
5	Department of Botany	Dr. Papiya Mukherjee	Refresher Course on Plant Taxonomy, Ecology and Bio-Diversity	Professional Development Programmes	Refresher Course	National	Chandigarh	02/04/2022	18/04/2022	Deptt. of Botany, Panjab University, Chandigarh
6	Department of Botany	Dr. Papiya Mukherjee	International Symposium on Advances in Plant Bio-Technology and Nutritional Security	symposium	Academic and Research Event	International	New Delhi	28/04/2022	30/04/2022	ICAR New Delhi
7	Department of Botany	Dr. Santosh Kumar	Refresher Course on Plant Taxonomy,	Professional Development Programmes	Refresher Course	National	Chandigarh	02/04/2022	18/04/2022	Deptt. of Botany, Panjab University, Chandigarh

S.n	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
		Upadhyay	Ecology and Bio-Diversity							
8	Department of Botany	Prof. Promila Pathak	Burning of paddy stubble, A fiery problem for the Environment, Agriculture and Humans: way to combat the issue	webinar	Academic and Research Event	University	Deptt. of Botany, PU, Chandigarh	19/10/2021	19/10/2021	Deptt. of Botany, PU, Chandigarh
9	Department of Botany	Prof. Promila Pathak	UDAAN	webinar	Academic and Research Event	State	Chandigarh	23/12/2021	23/12/2021	Deptt. of Higher Education, Govt. of Haryana
10	Department of Botany	Prof. Promila Pathak	Tree Talk in the Forest - The Wood Wide Web	webinar	Academic and Research Event	University	Deptt. of Botany, PU, Chandigarh	13/12/2021	13/12/2021	Deptt. of Botany, PU, Chandigarh
11	Department of Botany	Prof. Promila Pathak	Protection of Women Against Sexual Harassment at Workplace	webinar	Social Issues	University	Deptt. of Botany, PU, Chandigarh	31/03/2022	31/03/2022	Punjab University Committee Against Sexual Harassment (PUCASH)
12	Department of Botany	Prof. Promila Pathak	International Conference cum Workshop (Hybrid Mode) on "Agrotechnology, Value Addition, Global Trade and Sustainability of Medicinal/Neutraceutical Orchids & Orchid Show	conference	Academic and Research Event	International	Dr Y.S.R. Horticultural University, Venkataramannagudem- 534 101, West Godavari, Andhra Pradesh	25/02/2022	27/02/2022	TOSI & Dr Y.S.R. Horticultural University, Venkataramannagudem- 534 101, West Godavari, Andhra Pradesh
13	Department of Botany	Dr. Jaspreet Kaur	25th Punjab Science Congress 2022	conference	Academic and Research Event	National	Sri Guru Teg Bahadur Khalsa College, Anandpur Sahib	07/02/2022	09/02/2022	Punjab Academy of Sciences
14	Department of Botany	Dr. Jaspreet Kaur	29th State Level Children's Science Congress-2021	conference	Academic and Research Event	State	Punjab State Council for Science and Technology, Chandigarh	11/01/2022	12/01/2022	Punjab State Council for Science and Technology, Chandigarh
15	Department of Botany	Dr. Jaspreet Kaur	State Level Orientation Webinar under National Children's Science Congress (NCSC)- 2021	webinar	Academic and Research Event	State	Online	06/10/2021	06/10/2021	Punjab State Council for Science and Technology, Chandigarh
16	Department of Botany	Prof. C. Nirmala	Brain-Storming Conclave & Techno-fair" for "Atamnirbhar North East through S & T Interventions	conference	Academic and Research Event	National	Guwahati	21/12/2021	22/12/2021	Northeast Centre for Technology Application and Reach (NECTAR), Guwahati
17	Department of Botany	Prof. C. Nirmala	National Workshop on Bamboo Development Mission	conference	Academic and Research Event	National	New Delhi	30/12/2021	30/12/2021	NITI Aayog, VigyanBhawan, New Delhi
18	Department of Botany	Prof. C. Nirmala	Bamboo for Rural Livelihoods:	webinar	Academic and Research Event	National	Assam	31/08/2021	31/08/2021	NERDPR-NERC, Assam



S.n	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
			Global to local perspectives							
19	Department of Botany	Prof. C. Nirmala	Bamboo Day	webinar	Academic and Research Event	National	Puducherry	30/10/2021	30/10/2021	Auroville Bamboo Centre, Puducherry
20	Department of Botany	Prof. C. Nirmala	Underutilized Plant Sources	webinar	Academic and Research Event	National	Jalandhar	21/11/2021	21/11/2021	LPU, Jalandhar
21	Department of Botany	Prof. C. Nirmala	Bamboo Webinar Series 2022	webinar	Academic and Research Event	National	Madhya Pradesh	25/02/2022	25/02/2022	MP State Bamboo Mission, MP Balaghat
22	Department of Botany	Prof. Promila Pathak	Panjab University, Chandigarh Convocation 2022	other	Academic and Research Event	University	Panjab University, Chandigarh	05/05/2022	06/05/2022	Panjab University, Chandigarh
23	Department of Botany	Shalinder Kaur	Online-Environmental Studies	Professional Development Programmes	Refresher Course	National	Chandigarh	17/11/2021	30/11/2021	HRDC

### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	Department of Botany	Kiran Parasher	In Vitro Regeneration And Cryopreservation Of Selected Medicinal Plant Germplasm	0000-00-00	Dr. Papiya Mukherjee
2	Department of Botany	Kulwinder Kaur	Role of ecological and biological traits in imparting invasiveness to <i>verbescina encelioides</i> (cav.) Benth. & Hook. F. Ex a. Gray	2022-06-28	Prof. Daizy Rani, Prof. H.P. Singh
3	Department of Botany	Roop Lal	Distribution and ecological impact of invasive alien <i>calyptocarpus vialis</i> less. Along an altitudinal range in north-western himalayas of himachal pradesh and investigating its allelopathic interferenc	0000-00-00	Prof. Daizy Rani, Dr. Shalinder Kaur
4	Department of Botany	Shivani Raghuwanshi	Aquatic Fungal Diversity Of Pabbar, Giri And Ghaggar Rivers Of Himachal Pradesh And Physiological Studies On Some Aquatic Hyphomycetes	2022-06-16	Prof. I.B. Prasher
5	Department of Botany	Anju Rani	Screening core germplasm of chickpea ( <i>cicer arietinum</i> l.) For cold tolerance at reproductive stage and investigating the underlying defence mechanisms in vegetative and reproductive components	0000-00-00	Prof. Harsh Nayyar
6	Department of Botany	Shivi Tyagi	Genome-Wide Characterization of superoxide dismutase (SOD) AND glutathione peroxidase (GPX) genes in <i>Triticum aestivum</i> L.	2022-04-27	Dr. S. K. Upadhyay
7	Department of Botany	Anamika Kumari	Studies On In Vitro Propagation, Conservation And Phytochemical Analysis Of Some Medicinally Important Orchids Of Himachal Pradesh	0000-00-00	Prof. Promila Pathak

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
8	Department of Botany	Roshan Lal	Soil Properties Of Orchid Growing Areas Of Shimla Hills And Their Utility For Conservation Of Some Endangered Orchids	0000-00-00	Prof. Promila Pathak
9	Department of Botany	Aditi	Beneficial roles of arbuscular mycorrhizal fungi in the alleviation of cadmium induced metabolic responses in cajanus cajan (L.) Millsp. (pigeonpea)	2023-06-15	Prof. Neera Garg and Dr. Jagdeep Kaur, Dept. of Biotechnology, PU, Chandigarh
10	Department of Botany	Kamaljit Grewal	Assessment of the chemical constituents and biological activities of essential oil from eucalyptus camaldulensis dehn	2022-06-28	Prof. Daizy R. Batish
11	Department of Botany	Babita Thakur	Studies On Mycorrhizal Compatibility And In Vitro Propagation Of Some Commercially Important And/Or Endangered Indian Orchids	0000-00-00	Prof. Promila Pathak
12	Department of Botany	Meenakshi Rathour	Genome-Wide Characterization Of Homeobox Genes In Bread Wheat (Triticum aestivum L.	2022-04-25	Dr. S. K. Upadhyay
13	Department of Botany	Rinku Jhamta	Ethnobotanical Survey Of Wild Edible Flowering Plants Of Himachal Pradesh And Nutritional Analysis Of Some Selected Species	2022-02-22	Prof. Richa Puri
14	Department of Botany	Madhvi Kanchan	Identification And Characterization Of Wuschel-Related Homeobox (Wox) Genes In Selected Orchids	0000-00-00	Dr. Jaspreet Kaur
15	Department of Botany	Shailika Sharma	Cryopreservation Of Selected Economically Important And Vegetatively Propagated Plants For Their Long-Term Conservation	0000-00-00	Dr. Papiya Mukherjee
16	Department of Botany	Kiran Saroy	Relative contributions of polyamines and arbuscular mycorrhiza in modulating nickel induced physiological and biochemical responses in cajanus cajan (L.) Millsp.	2022-04-04	Prof. Neera Garg

#### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
1	Department of Botany	Prof. Promila Pathak, Chairperson, Dept. of Botany, PU, Chandigarh honoured with creating an orchid hybrid in name Phalaenopsis Promila Pathak White (registered at Royal Horticultural Society, London) during 2021. Dr. S.K. Upadhyay, Assistant Professor, Dept. of Botany, PU, Chandigarh was among top 2% Scientists under the agriculture & forestry and plant science categories, as per AD Scientific Index 2022

#### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
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NIL

## 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
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NIL

## 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
No. of important equipments purchased ( $\geq 10$ lakh) during the current year.	0	15	15
Class rooms	5	0	5
Class rooms with ICT facility (LCD/Projector)	5	0	5
No. of Research Labs	5	0	5
No. of Computer labs	15	0	15
Total Number of Computers in the department	0	0	0
Video Centre	0	0	0
Seminar Halls with ICT facility	1	0	1
Seminar Halls	1	0	1
Value of the equipment purchased during the year (Rs. in Lakhs)	0	15	15
Class rooms with Wifi/LAN facility	5	0	5

## 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
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NIL

## 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
Vigilance Awareness Week 2021	26/10/2021	26/10/2021
Celebration of Constitution Day	26/11/2021	26/11/2021
Celebration of Holi	18/03/2022	18/03/2022
Celebration of Earth Day	22/04/2022	22/04/2022

## 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
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NIL

## 7. Number of Patents Published/Awarded

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
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NIL

## 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
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NIL

## CHEMISTRY

### SUMMARY OF PUBLICATIONS

The Department of Chemistry was founded by Dr. S. S. Bhatnagar at Lahore in 1925; the department of Chemistry is one of the prestigious departments of Panjab University. It has on its faculty highly qualified competent members whose work has been internationally recognized. Several faculty members are recipients of awards and honours, such as Shanti Swarup Bhatnagar, Jawaharlal Nehru fellowship, Raman and Palit awards. Many faculty members are bestowed with F.N.A., F.A.Sc., F.N.A.Sc., Young Scientist award as well as Visiting Professorship from India and abroad. The department has been selected by the UGC first for COSIST, and then for Special Assistant Programme (SAP) and now it is the Centre for Advanced Studies in Chemistry (CAS) for the last 16 years. This is in recognition of its accomplishments in research and education. The Department of Science and Technology (DST), Government of India has accorded it the status of "DST-FIST Supported Department". This department has stimulating undergraduate and postgraduate teaching programmes. Frequent symposia, summer institutes, refresher and orientation courses have been organized for the benefit of University, College and School teachers as well as talented students. The educational programme COSIP of this department has created a deep and extensive impact on the quality of chemistry education in the region. The department has good instrumental facilities such as high resolution 300 MHz NMR, FT-IR, UV-Visible Spectrophotometer, single-crystal X-ray diffraction unit, polarimeter, Photocorrelation Spectrometer, HPLC, polarograph, gas chromatograph, and good computer facilities for carrying out advanced research. The library of the chemistry department is perhaps one of the best libraries in the subject in Northern India. With its excellent collection of books, research journals and monographs, it occupies a special position of pride in the department. The facilities are often utilized by many Science Department of the Panjab University as well as other Universities, Industries and Institutes in the region. The department is well known for its research activities and has very well equipped research laboratories. The main areas of research include: Main Group Elements Chemistry, Coordination Chemistry, synthetic Inorganic Chemistry, Organometallic Chemistry, silicon Chemistry, Non-aqueous solution chemistry, Synthetic Organic Chemistry, Development of New reactions, Photochemistry, Nanochemistry Colloidal Chemistry (micelles and microemulsions), Thermodynamics of liquid mixtures as well as electrolyte solutions, Protein Chemistry and theoretical chemistry .

### PUBLICATIONS

#### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Kaushik Ajeet Kumar, Kumar Sandeep, Ram Chaudhary Ganga (2022)	Engineered Nanostructures for Therapeutics and Biomedical Applications; Engineered Nanostructures for Therapeutics and Biomedical Applications; Elsevier	978-0-12-821240-0	International
Jaspreet Kaur, Rekha Bhar, Khushwinder Kaur, Surinder K Mehta (2022)	Metallosurfactants as Nanoreactors for Nanoparticle Synthesis; Metallosurfactants: From Fundamentals to Catalytic and Biomedical Applications; Wiley	9783527348688	International

#### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Jyoti, Ranjeet Kaur, Komal, Renu, Parkash Singh, Navneet Kaur, Shweta Rana & Sonal Singhal (2022)	2-(Anthracen-9-yl)benzothiazole–modified graphene oxide–nickel ferrite nanocomposite (print); for anodic stripping voltammetric detection of heavy metal ions; Microchimica Acta	0026-3672 1436-5073 (web)	Yes	Springer
Sumit Thakral, Devinder Kumar, Suman Rani, Ramesh	2'-Aryl-2, 5'-Bibenzoxazoles: Synthesis, crystal structure and evaluation of cytotoxicity against cervical (HeLa) and liver	0022-2860	Yes	Elsevier

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Kataria, Poonam Sagar, Nitin Kumar Singhal (2022)	(HepG2) cancer cell lines; Journal of Molecular Structure			
Nisha Jain, Navneet Kaur (2022)	A comprehensive compendium of literature -- of 1,8-Naphthalimide based chemosensors from 2017 to 2021; Coordination Chemistry Reviews		Yes	Elsevier
Jashan Deep Kaur , Pawan , Sushma , Priyanka , Pinky Satija ,K. N.Singh * , María Angeles Esteban * (2022)	A veratraldehyde-appended organosilicon probe and its hybrid silica nanoparticles as a dual chemosensor for colorimetric and fluorimetric detection of Cu and Fe ions†; New journal of chemistry	1369-9261	Yes	RSC
V. Mutreja, A.Kumar, S. Sareen, K. Pathania, H. Sandhu, Ramesh Kataria, SV. Pawar, SK.Mehta, J. Park (2022)	Aggregation-Induced Quenching of Carbon Dots for Detection of Nitric oxide; Chemistry Select	2365-6549	Yes	Wiley
Komal, Kanu Gupta, Nidhi, Anupama Kaushik, Sonal Singhal (2022)	Amelioration of adsorptive efficacy by -synergistic assemblage of functionalized graphene oxide with esterified cellulose nanofibers for mitigation of pharmaceutical waste; Journal of Hazardous Materials		Yes	Elsevier
Twinkle Garg, Renu, J. Kaur, P. Kaur, Nitansh, V. Kumar, K. Tikoo A. Kaushik, S. Singhal (2022)	An innovative Z-scheme g- - C3N4/ZnO/NiFe2O4 heterostructure for the concomitant photocatalytic removal and real-time monitoring of noxious fluoroquinolones; Chemical Engineering Journal		Yes	Elsevier
Navneet Kaur , Gauri (2022)	Anthraquinone appended chemosensors for fluorescence monitoring of anions and/or metal ions; Inorganica Chimica Acta	0020-1693	Yes	Elsevier
Sushil Kumar, Savita Chaudhary, Ganga Ram Chaudhary (2022)	Assessing the structural and interaction behaviour of Pr@Gd2O3 nanoparticles with biological entities; Materials Chemistry and Physics	0254-0584	Yes	Elsevier
Gurpreet kaur, Preet Garg, Navpreet Kaur, Mehak Mittal, Ganga Ram Chaudhary, Santosh Gawali, PA Hass (2021)	Assessment of structural integrity of lysozyme in the presence of newly formed uni/multivesicular metallosomes; Journal of molecular liquids	0167-7322	Yes	Elsevier
M. Kumari, G.R. Chaudhary, Savita Chaudhary*, A. Umar, S. Akbar, S. Bakastous (2022)	Bio-Derived Fluorescent Carbon Dots: Synthesis, Properties and Applications; Molecules	ISSN: 1420-3049	Yes	MDPI
Mohd Riyaz, Shivangi Garg, Navjot Kaur and Neetu Goel (2022)	Boron doped graphene as anode material for Mg ion battery: A DFT study; Computational and Theoretical Chemistry	2210-271X	Yes	Elseveir
Anjali Vijeata, Ganga Ram Chaudhary, Savita Chaudhary, Ahmad Umar, Sotirios Baskoutas (2022)	Carbon Dots derived from Ocimum sanctum for dapsonе–protein interactions: a quantitative approach; Journal of Nanostructure in Chemistry	2008-9244	Yes	Springer

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Gurjaspreet Singh, Diksha, Mohit, Suman, Sushma, Priyanka, Anita Devi, Jashan Deep Kaur, Anamika (2022)	Chalcone appended organosilanes and their silica nanoparticles based UV-Visible and fluoremetric probes for Cobalt ion detection; Inorganica Chimica Acta	0020-1693.	Yes	Elsevier
Nirbhai Singh, Shikha Aery, Sandip V Pawar, Surinder K Mehta and Abhijit Dan* (2022)	Chitosan Hydrogels with Embedded Thermo- and pH-Responsive Microgels as a Potential Carrier for Controlled Release of Drugs; ACS Appl. Bio Mater.	2576-6422	Yes	ACS
Avneet Kaur , Urmila Chakraborty , Moondeep Chauhan , Rohit Sharma, Gurpreet Kaur , G. R. Chaudhary (2022)	Choline Acetate modified ZnO nanostructure as efficient electrochemical sensor for hydrazine detection; Electrochimica Acta	0013-4686	Yes	Elsevier
Parveen Saini a , Gurjaspreet Singhb , Gurpreet Kaur c , Jandeep Singha,* , Harminder Singh (2022)	Click generated o-Cresolphthalein linked 1,2,3-triazole derivative for selective Pb(II) ion recognition; Journal of Molecular Structure	0022-2860.	Yes	Elsevier
Pooja Chauhan, Deepa Mundeeka, Amitava Mukherjee, Savita Chaudhary, A. Umar, S. Baskoutas (2022)	Coconut Carbon Dots: Progressive Large-Scale Synthesis, Detailed Biological Activities and Smart Sensing Aptitudes towards Tyrosine; Naomaterials	1687-4129	Yes	MDPI
Kaur A., Kanwar R., Kaushik D., Sakala I.G., Honda-okubo Y., Petrovsky N., Salunke D.B., Mehta S.K. (2022)	Combined delivery of TLR2 and TLR7 agonists by Nanostructured lipid carriers induces potent vaccine adjuvant activity in mice; International Journal of Pharmaceutics	0378-5173	Yes	Elsevier
Navpreet Kaur, Gurpreet Kaur, Ganga Ram Chaudhary (2022)	Comparative scrutinize of BSA and HEWL in the vicinity of metallo-catanionic aggregates derived from single chain metallosurfactant and anionic surfactant; Journal of Molecular Liquids	0167-7322	Yes	Elsevier
P. Rani, A. Husain, K. K. Bhasin and Girijesh Kumar* (2022)	Coordination Polymers as a Functional Material for the Selective Molecular Recognition of Nitroaromatics and ipso-Hydroxylation of Arylboronic Acids; Chem. Asian J., 2022, 17, e202101204 (Early view)	1861-4728	Yes	Royal Society of Chemistry
Gurjaspreet Singh*, Pawan*, Sanjay Sharma, Mohit, Pinky Satija, Diksha, Priyanka, Yamini Thakur, and (2022)	Copper(II) Ion Promoted Reverse Solvatochromic Response of the Silatrane Probe to Spectral Shifts: Preferential Solvation and Computational Approach; Inorganic Chemistry	0020-1669	Yes	ACS
Preeti Garg, Baljinder Kaur, Gurpreet Kaur, Ganga Ram Chaudhary (2022)	Design and applications of metallo-vesicular structures using inorganic-organic hybrids; Advances in Colloid and Interface Science	0001-8686	Yes	Elsevier
Gurjaspreet Singha,* , Sumana , Dikshaa , Pawana , Mohit a , Sushmaa , Priyankaa , Anamika Saini a , (2022)	Design and synthesis of 4-aminoantipyrene appended triazole linked bis-organosilane and their silica nanoparticles for selective recognition of Fe <sup>3+</sup> ions; journal of molecular structure	0022-2860.	Yes	Elsevier

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Gurjaspreet Singh* , Pawan, Mohit, Diksha, Suman, Priyanka, Sushma, Anamika Saini, Amarjit Kaur (2022)	Design of new bis-triazolyl structure for identification of inhibitory activity on COVID-19 main protease by molecular docking approach; Journal of Molecular Structure	0022-2860.	Yes	elsevier
Sushil Kumar, Ganga Ram Chaudhary, Savita Chaudhary (2022)	Designing of surface engineered Ytterbium oxide nanoparticles as effective electrochemical sensing platform for dopamine; Journal of Molecular Liquid	0167-7322	Yes	Elsvier
Gurjaspreet Singha,* , Sushmaa,* , Priyankaa , Dikshaa , Mohit a , Sofia Guptaa , Maria Angeles Este (2022)	Designing of thiosemicarbazone-triazole linked organotriethoxysilane as UV-Visible and fluorescence sensor for the selective detection of Hg <sup>2+</sup> ions and their cytotoxic evaluation; Journal of Molecular Structure	0022-2860.	Yes	Elsevier
Paramdeep Kaur, Sneha Singh, Renu, Jyoti, V. Kumar, K.B.Tikoo, Anupama Kaushik, Sonal Singhal (2022)	Development of emphatic catalysts for waste water remediation via synchronized free radical and non-free radical routes with composites of strontium hexaferrite, graphene and multi-walled carbon nanotubes; Ceramics International	0272-8842	Yes	Elsevier
Jyoti Rathee, Rohini Kanwar, Laxmi Kumari, Sandip V. Pawar, Deepak B. Salunke (2022)	Development of nanostructured lipid carriers as a promising tool for methotrexate delivery: physicochemical and in vitro evaluation; Journal of Biomolecular Structure and Dynamics	0739-1102	Yes	Taylor And Francis
Jangid DK,Dastider SG,BiswasR,KhiridS,MeenaS, KumarP,SahooSC,VermaVP,M akdeRD,KumarA,JangirR et. al. (2022)	Dithiophosphonate Anchored Heterometallic (Ag(I)/Fe(II)) Molecular Catalysts for Electrochemical Hydrogen Evolution Reaction; Inorganic Chemistry	0020-1669	Yes	American Chemical Society
H Kaur, S Sareen, M Verma, A. Vashisht, A. Sharma, Ramesh Kataria, SK Mehta, J Park, V. Mutrejaj (2021)	Effect of Synthesis Methods and Conditions on Properties and Applications of Carbon Dots for the Detection of Potential Water Contaminants: A Review; Critical Reviews in Analytical Chemistry	1040-8347	Yes	Talor & Francis
Sara Hanaei, Amirhossein Takian, Reza Majdzadeh, Christopher Ryan Maboloc, Igor Grossmann, Orlando G (2022)	Emerging Standards and the Hybrid Model for Organizing Scientific Events During and After the COVID-19 Pandemic; Disaster Medicine and Public Health Preparedness	1935-7893	No	Cambridge University Press
Gurpreet Kaur, K. Berwal, Bunty Sharma, Ganga Ram Chaudhary, S. L. Gawali and P. A. Hassan (2021)	Enhanced antimicrobial photodynamic activity of photosensitizer encapsulated copper based metallocatanionic vesicles against E. coli using visible light; Journal of Molecular Liquids	0167-7322	Yes	Elsevier
Harshal Mehta, Gurpreet Kaur, Ganga Ram Chaudhary, Nirmal	Evaluation of corrosion resistant, antimicrobial and cytocompatible behaviour of cobalt based metallosurfactants self-	0257-8972	Yes	Elsevier

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Prabhakar, Sunaina Kaul, Nitin Kumar Singh (2022)	assembled monolayers on 316L stainless steel surface; Surface and Coatings Technology			
Shivangi Garg, Komal, Sonal Singhal and Neetu Goel (2022)	Experimental and computational investigation on Polyaniline/Zno nanocomposite for dye adsorption; Material Science and Engineering B	0921-5107	Yes	Elsevier
Ramesh Kataria, D Vashisht, P. Rani, J. Sindhu, S. Kumar, S. Sharma, SC Sahoo, V Kumar, SK Mehta (2021)	Experimental and Computational Validation of Structural Features and BSA Binding Tendency of 5-Hydroxy-5- trifluoromethyl-3-arylpyrazolines; Chemistry Select	2365-6549	Yes	Wiley
Indu Bala, Kiran Singh, Ramesh Kataria, Meena Sindhu (2022)	Exploration of structural, electrostatic and photophysical behaviour of novel Ni (II), Cu (II) and Zn (II) complexes, and their utility as potent antimicrobial agents; Applied Organometallic Chemistry	1099-0739	Yes	Wiley
Sneha Singh, Paramdeep Kaur, Abhivyakti, Vinod Kumar, Kulbhushan Tikoo, Sonal Singhal (2022)	Facile integration of a novel Sm-doped CoFe <sub>2</sub> O <sub>4</sub> @ g-CN heterostructure to expedite PMS and H <sub>2</sub> O <sub>2</sub> assisted degradation of pharmaceutical pollutants; Applied Surface Science	0169-4332	Yes	Elsevier
Anjali Vijeata, Savita Chaudhary, Ganga Ram Chaudhary (2022)	Fluorescent carbon dots from Indian Bael patra as effective sensing tool to detect perilous food colorant; Food Chemistry	0308-8146	Yes	Elsvier
Gitanjali Jindal , Navneet Kaur (2022)	Fluorescent water-stable quantum dots -- possessing benzimidazole for the recognition of bisulfate in edible materials, soap, and medicine; Journal of Photochemistry & Photobiology A: Chemistry		Yes	Elsevier
Gitanjali Jindal, Navneet Kaur (2021)	Fluorimetric quantification of picric acid in -- aqueous medium via smartphone and invisible ink applications using pyrene based sensor; Inorganic Chemical Communications		Yes	Elsevier
Gurjaspreet Singha,* , Mohit a , Dikshaa , Sumana , Priyankaa , K.N. Singha , D. Gonzalez-Silvera b (2022)	Functionalized organosilanes and their magnetic nanoparticles as receptor for Sn (II) ions detection and potent antioxidants; Journal of molecular structure	0022-2860.	Yes	Elsevier
Bunty Sharma, Mario Samperi, Akhil Jain, Ganga Ram Chaudhary, Gurpreet Kaur, and L. Pérez-García (2022)	Gemini surfactant mediated catansomes for enhanced singlet oxygen generation of Rose Bengal and their phototoxicity against cancer cells; ACS Biomaterials Science & Engineering	2373-9878	Yes	American Chemical Society
GurjaspreetSingha* , Sanjay Sharma* a , Akshpreet Singhb* , Dikshaa , Sushmaa , Pawana , Sumana , M (2022)	Graphene oxide functionalized organosilane based fluorescent biosensor for detecting guanine in human urine; Materials chemistry and physics	0254-0584.	Yes	Elsevier
Prabjot Singh, Navneet Kaur, Anjali Khunger, Gurpreet Kaur,	Green-monodispersed Pd-nanoparticles for improved mitigation of pathogens and	2352-4928	Yes	Elsevier



Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Sandeep Kumar, Ajeet Kaushik (2022)	environmental pollutant; Materials Today Communications			
Rahul Singh, Ravinder Kumar, Manpreet Kaur, Madhuri T. Patil, Subash Chandra Sahoo, Deepak B. Salunke (2022)	Groebke–Blackburn–Bienaymé multicomponent reaction coupled with unconventional Pictet–Spengler cyclization for the synthesis of imidazo[4,5-b]pyridine fused polycyclic heterocycles; Journal of Heterocyclic Chemistry	0022-152X	Yes	Wiley Online Library
Sushila, R. Siddiqui, K. Shivam, A. Sil, Ramesh Kataria, S. Goswami, P. Venugoplan, R. Patra (2022)	Halogen Bond Mediated Self-Assembly of Mononuclear Lanthanide Complexes: Perception of Supramolecular Interactions, Slow Magnetic Relaxation, and Photoluminescence Properties; Inorganic Chemistry	0020-1669 (print); 1520-510X (web)	Yes	American Chemical Society
T. Jasrotia, S. Chaudhary, R. Sharma, G. R. Chaudhary, R. Kumar, Abdulrab A. M Alkhanjaf, (2022)	Hetero-aggregation behaviour of green copper nanoparticles: Course interactions with environmental components; Separation and Purification Technology	1383-5866	Yes	Elsevier
A. K.K. Bhaisn, P. Chauhan, Savita Chaudhary*, A. Umar, S. Barkaios (2022)	Highly Sensitive and Selective Sulfite Ion Sensor Based on Biochemically Stable Iodo-Functionalized Coumarin Fluorophores; ChemistrySelect	2365-6549	Yes	Wiley
Sushil Kumar, Ganga Ram Chaudhary, Savita Chaudhary, Ahmad Umar (2022)	Highly-sensitive and selective non-enzymatic L-cysteine sensor based on 3-mercaptopropyl trimethoxysilane functionalized Gd <sub>2</sub> O <sub>3</sub> nanoparticles; Journal of Alloys and Compounds	0925-8388	Yes	Elsevier
Nirbhai Singh, Saurabh Yadav, Surinder K Mehta and Abhijit Dan* (2022)	In situ incorporation of magnetic nanoparticles within the carboxymethyl cellulose hydrogels enables dye removal; Journal of Macromolecular Science, Part A	1520-5738	Yes	Taylor and Francis
Sunil Kumar, Madhuri T. Patil und Deepak B. Salunke (2022)	Indole based prostate cancer agents; Physical Sciences Reviews	2365-659X	Yes	Walter de Gruyter
Khushwinder Kaur Pervinder Kaur, Neha Sharma (2022)	Influence of pyrolysis temperature on rice straw biochar properties and their effect on dynamic changes in bispyribac-sodium adsorption and leaching behaviour; Pedosphere	1002-0160	Yes	Elsevier
Khalid Naim, Subash Chandra Sahoo, and Prakash P. Neelakandan (2022)	Isomer Selective Thermosensitive Luminescence Switching in Organic Crystals; ACS Applied Materials & Interfaces	1944-8244	Yes	American Chemical Society
Ajay Kumar, Subash Chandra Sahoo, Surinder Kumar Mehta, Pramod Soni, Vishal Sharma, Ramesh Kataria (2022)	Luminescent Zn-MOF for detection of explosives and development of fingerprints; Anal. Methods, 2022, 14, 700-707	1759-9660 (print) 1759-9679 (web)	Yes	Royal Society of Chemistry
Kirandeep, A. Kumar, A. Sharma, SC Sahoo., E.	Metal organic framework as “turn-on” fluorescent sensor for Zr(IV) ions and	0026265X	Yes	Elsevier

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Zangrando , V. Saini, Ramesh Kataria, SK Mehta (2021)	selective adsorbent for organic dyes; Microchemical Journal			
P. Rani, A. Husain, K. K. Bhasin and Girijesh Kumar* (2022)	Metal–Organic Frameworks based Selective Molecular Recognition of Organic Amines and Fixation of CO <sub>2</sub> into Cyclic Carbonates; Inorganic Chemistry	0020-1669	Yes	ACS
B. Sharma, A. Jain, L. Pérez-García, F. J. Rawson, J. Watt, Gurpreet Kaur, and Ganga Ram Chaudhary (2022)	Metalloctanionic vesicles mediated enhanced singlet oxygen generation and photodynamic therapy of cancer cells; Journal of Materials Chemistry B	2050-7518	Yes	Royal Society of Chemistry
Baljinder Kaur, Navdeep Kaur, Tanvi Sharma, Gurpreet Kaur, Ganga Ram Chaudhary (2022)	Metallosurfactant based synthetic liposomes as a substitute for phospholipids to safely store curcumin; Colloids and Surfaces B: Biointerfaces	0927-7765	Yes	Elsevier
Tulika Sharma, Joginder Singh, Bijender Singh, Ramesh Kataria, Vinod Kumar (2022)	Methyl-linked Pyrazoles: Synthetic and Medicinal Perspective; Mini Reviews in Medicinal Chemistry	1389-5575 (print); 1875-5607 (web)	Yes	Bentham Science Publishers
Sumbulunnisan Shareef, Saigal, Mohammad Khizr, Subash C. Sahoo, Md. Musawwer Khan (2021)	Microwave assisted novel one-pot three-component reaction for synthesis of 3-aminoimidazopyridines using molecular iodine; Tetrahedron Letters	0040-4039	Yes	Elsevier
Manpreet Kaur, Rahul Singh, Madhuri T. Patil, Kushvinder Kumar, Subash Chandra Sahoo, Deepak B. Salunke (2022)	Microwave-assisted Groebke-Blackburn-Bienaymé multicomponent reaction to synthesize imidazo fused heterocycles via in-situ generated isocyanides from N-formylamines: An undergraduate organic laboratory experiment; Journal of Heterocyclic Chemistry	0022-152X	Yes	Wiley Online Library
Kushal Arya, Rekha Bhar, Richa, Ramesh Kataria, and Surinder Kumar Mehta (2022)	Nanomaterials in the cosmetics industry: A greener approach; Green Nanomaterials for Industrial Applications	012823296X, 0128232965-978	Yes	Elsevier
Gurjaspreet Singh a,* , Pinky Satija b , Fang-Sian Lin c , Pawan a , Mohit a , Sushma a , Priyanka a (2022)	New energy harvesting using conjugated chalconyl-organosiloxyl framework; Materials chemistry and physics	0254-0584.	Yes	Elsevier
Dinesh Pathak, Sanjay Kumar, Sonali Andotra, Jibin Thomas, Navneet Kaur, Praveen Kumar, Vaneet Kumar (2021)	New tailored organic semiconductors thin films for optoelectronic applications; Eur. Phys. J. Appl. Phys. 95		Yes	EDP Sciences
Mehar Singh, Moondeep Chauhan, Yogendra K Mishra, Scott L Wallen, Gurpreet Kaur, Ajeet Kaushik (2022)	Novel synthesis of amorphous CP@ HfO <sub>2</sub> nanomaterials for high-performance electrochemical sensing of 2-naphthol; Journal of Nanostructure in Chemistry	2008-9244	Yes	Springer
PinkiSehrawat, ShwetaRana, Surinder Kumar Mehta, SushilKumar Kansal (2022)	Optimal synthesis of MoS <sub>2</sub> /Cu <sub>2</sub> O nanocomposite to enhance photocatalytic	ISSN: 2666-5239	Yes	Elsevier

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
	performance towards indigo carmine dye degradation; Applied Surface Science			
Shivangi Garg and Neetu Goel (2022)	Optoelectronic Applications of Conjugated Organic Polymers: Influence of Donor/Acceptor Groups through Density Functional Studies; The Journal of Physical Chemistry C	1932-7447	Yes	ACS
Geeta Yadav, Sunil Kumar, Devinder Kumar, Ramesh Kataria, Christophe Laroche, Sean M Kerwin (2022)	Phenyl iodine (III) diacetate-mediated dearomatization of 2-(2-hydroxyaryl) benzoxazoles and 2-(2-hydroxyaryl) benzothiazoles: Regio- and stereoselective synthesis of tetramethoxycyclohexenones and bicyclo [2.2. 2] octenones; Journal of Molecular Structure	0022-2860	Yes	Elsevier
Geeta Yadav, Sunil Kumar, Ramesh Kataria, Devinder Kumar (2022)	Phenyl iodine(III) diacetate-induced regioselective synthesis of 1-(benzoxazol-2-yl)-1-alkoxynaphthalen-2(1H)-ones from 2-(2-hydroxynaphthyl)benzoxazoles; Synthetic Communications	0039-7911 (print); 1532-2432 (web)	Yes	Taylor & Francis
Shivangi Garg and Neetu Goel (2022)	Photodegradation of dye using Polythiophene/ZnO nanocomposite: A computational approach; Journal of Molecular Graphics and Modelling	1093-3263	Yes	Elsevier
S Singh, P Kaur, D Aggarwala, V Kumar, K Tikoo, S Bansal, S Singhal (2022)	Polyaniline enwrapped CoFe <sub>2</sub> O <sub>4</sub> /g-CN ternary nanocomposite for adsorption driven photocatalytic degradation of explicitly diverse organic pollutants; Journal of Alloys and Compounds	0925-8388	Yes	Elsevier
Jyoti Rathee, Arshpreet Kaur, Rohini Kanwar, Deepender Kaushik, Ravinder Kumar, Deepak B. Salunke (2023)	Polymeric Nanoparticles as a Promising Drug Delivery Platform for the Efficacious Delivery of Toll-Like Receptor 7/8 Agonists and IDO-Inhibitor; Colloids and Surfaces A: Physicochemical and Engineering Aspects	0927-7757	Yes	Elsevier
S. Dhamija, M.Patra, J. Pécaut, Ramesh Kataria, S. Goswami, S. Bhowmik, R. Patra (2022)	Probing the structural features and magnetic behaviors in dinuclear cobalt(II) and trinuclear iron(III) complexes; Inorganica Chimica Acta	0020-1693	Yes	Elsevier
Gurjaspreet Singh* , Suman* , Diksha, Sushma, Mohit, Priyanka, Jashandeep Kaur, Anamika Saini, Anita (2022)	Pyrazinederived 1,2,3-triazole linked silanes and their magnetic nanoparticles for the colorimetric and fluorimetric dual sensing of Cu <sup>2+</sup> ions; Journal of molecular structure	0022-2860.	Yes	Elsevier
Suman Punia, Vikas Verma, Devinder Kumar, Ashwani Kumar, Laxmi Deswal, Gurjaspreet Singh, Subhash C. Sahoo (2022)	Pyrazolyl-Imidazole clubbed 1,2,3-triazoles: Synthesis, structure explication and antimicrobial evaluation; J. Mol. Str. 2022	0022-2860 1262 133060	Yes	Elsevier
Mayank Khera and Neetu Goel (2020)	Qualitative as well as quantitative analysis of interactions present in Chlorine and Bromine	1093-3263	Yes	Elsevier

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
	substituted aromatic organic crystals: A DFT linked Crystal Explorer Study; , J.Mol.Graph.Mod 95 (2020), 107503			
M. Kumari, G.R. Chaudhary, Savita Chaudhary*, A. Umar (2022)	Rapid Analysis of Trace Sulphite Ion Using Fluorescent Carbon Dots Produced from Single Use Plastic Cups; Engineered Science	2576-988X	Yes	Engineered Science Publisher
Ankush Sheoran, Jaspreet Kaur, Dr. Jyoti Agarwal, Prof. Sonal Singhal (2021)	Ring Opening of Epoxides and Aziridines with Benzotriazoles Using Magnetically Retrievable Graphene Based (CoFe@rGO) Nano-hybrid; ChemistrySelect	2365-6549	Yes	Wiley
Pooja Chauhan, Manisha Kumari, Savita Chaudhary, Ganga Ram Chaudhary, Ahmad Umar, Sotirios Baskoutas (2022)	Seed germination studies on Chickpeas, Barley, Mung beans and Wheat with natural biomass and plastic waste derived C-dots; Science of The Total Environment	0048-9697	Yes	Elsevier
Preeti Tewatia, Vijay Kumar, Sharmistha Samota, Sonal Singhal, Anupama Kaushik (2022)	Sensing and annihilation of ultra-trace level arsenic (III) using fluoranthene decorated fluorescent nanofibrous cellulose probe; Journal of Hazardous Materials	0304-3894	Yes	Elsevier
Urmila Chakraborty, Preeti Garg, Gaurav Bhanjana, Gurpreet Kaur, Ajeet Kaushik, Ganga Ram Chaudhary (2022)	Spherical silver oxide nanoparticles for fabrication of electrochemical sensor for efficient 4-Nitrotoluene detection and assessment of their antimicrobial activity; Science of The Total Environment	0048-9697	Yes	Elsevier
Kaur A, Piplani S, Kaushik D, Fung J, Sakala IG, Honda-Okubo Y, Mehta SK, Petrovsky N, Salunke DB (2022)	Stereoisomeric Pam2CS based TLR2 agonists: synthesis, structural modelling and activity as vaccine adjuvants; RSC Medicinal Chemistry	2632-8682	Yes	Royal society of Chemistry
Alok Srivastava, Vikash Chahar, Neeraj Chauhan, Dominik Krupp, Ulrich W. Scherer (2022)	Study of Naturally Occurring Radioactive Material Present in Deep Soil of the Malwa Region of Punjab State of India Using Low Level Background Gamma-Ray Spectrometry; Journal of Radiation Protection and Research	25081888	Yes	Korean Association for Radiation Protection (KARP)
Brilliant N Marak, Biki Hazarika, Sunil Kumar Pandey, Ramesh Kataria, Ved Prakash Singh (2022)	Study of self-assembly features in 4H-pyrans: Synthesis, Hirshfeld surface, and energy framework analysis; Journal of Molecular Structure	0022-2860	Yes	Elsevier
Vivekshel Rajput, Mudimallana Goud, Narendra Mohan Suri, Sarbjit Singh, Ganga Ram Chaudhary (2022)	Surface characteristics study of Ti-6Al-4V alloy for biomedical applications using finite element modeling; Journal of Materials Research	0884-2914	Yes	Springer International Publishing
Anjali Vijeata, Savita Chaudhary, Ganga Ram Chaudhary, Ahmad Umar, Sotirios Baskoutas (2022)	Sustainable agronomic response of carbon quantum dots on Allium sativum: Translocation, physiological responses and alternations in chromosomal aberrations; Environmental Research	0013-9351	Yes	Elsevier

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
A Sheoran, Komal, J Kaur, P Kaur, J Agarwal, V Kumar, S Bansal, K B Tikoo, S Singhal (2022)	Synthesis of Benzenesulfonamide Derivatives via Ring Opening of Aziridines in the Presence of Magnetically Retrievable Graphene Based (CoFe@rGO) Nanohybrid; Journal of Inorganic and Organometallic Polymers and Materials	1053-0495	Yes	Springer
Navneet Kaur, Randeep Kaur , Ranjeet Kaur , Shweta Rana (2021)	Synthesis of novel benzothiazole based -- fluorescent and redox-active organic nanoparticles for their application as selective and sensitive recognition of Fe <sup>3+</sup> ions; Inorganic Chemical Communications		Yes	Elsevier
Deepender Kaushik, Manpreet Kaur, Vishal Mutreja, Khushboo Pathania, Deepak B. Salunke, Subash Chand (2022)	Synthesis of quinoline based molecular probes for detection of nitric oxide; Dyes and Pigments	0143-7208	Yes	Elsevier
Priyanka Singla, Arjun Singh, Subash Chandra Sahoo, Pramod Kumar Soni, Prateek Kishore (2022)	Synthesis, characterization and reaction kinetics of an energetic copper (II) complex based on 3,5 dinitrobenzoic acid and 2, 2' bipyridine; Chemical Papers, 2022, 76, 2153–2165	0366-6352	Yes	Springer
Priyanka Singla, Arjun Singh, Subash Chandra Sahoo, Pramod Kumar Soni, Prateek Kishore (2022)	Synthesis, Characterization and Thermal Decomposition Kinetics of Energetic Copper Complex Based on 3,5 Dinitrobenzoic Acid and 1,10 Phenanthroline; Chemical Papers, 2022,76, 2111–2124	0366-6352	Yes	Springer
Raman Kumar, Navjot Kaur, Randeep Kaur, Navneet Kaur, Subash C Sahoo, and Prasant K Nanda (2022)	Temperature controlled synthesis and transformation of dinuclear to hexanuclear zinc complexes of a benzothiazole based ligand: Coordination induced fluorescence enhancement and quenching; J. Mol. Str. 2022, 1265, 5, 133300	0022-2860	Yes	Elsevier
Priyanshi Agnihotri and Abhijit Dan* (2022)	Temperature-and pH-Responsive Hydrogel Nanoparticles with Embedded Au Nanoparticles as Catalysts for the Reduction of Dyes; ACS Appl. Nano Mater.	2574-0970	Yes	ACS
Gurjaspreet Singh, * Priyanka,* Sushma, Pawan, Diksha, Suman, Mohit, Anita Devi and Sofia Gupta (2022)	Tetrazole conjoined organosilane and organosilatrane via the ‘click approach’: a potent Mycobacterium tuberculosis enoyl ACP reductase inhibitor and a dual sensor for Fe(III) and Cu(II) ions†; New journal of chemistry	1144-0546	Yes	Royal society of chemistry
Priya Manhas, Rohit Saini, Arjun Singh, Pramod Soni, Rohit K Sharma (2022)	Thermoplastic polyurethane-based nanoencapsulation strategy for efficient storage and stability of RDX; Journal of Molecular Liquids	0167-7322	Yes	Elsevier
Gurudutt Dubey, Nutan Mahawar, Tejender Singh, Nirjhar Saha, Subash Chandra	Thiazetidino-2-ylidenes as Four Membered N-heterocyclic Carbenes: Theoretical Studies and the Generation of Complexes with N+	1463-9076	Yes	Royal Society of

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Sahoo, Prasad V. Bharatam (2022)	Center; Phys. Chem. Chem. Phys., 2022, 24, 629			Chemistry
GurjaspreetSinghaSushmabPriyankaSumeshKhuranaaGurleenSinghcJandeepSinghcMariaAngeles EstebandCristó (2022)	Thiosemicarbazone-triazole bearing siloxy framework for the detection of Hg <sup>2+</sup> and Cu <sup>2+</sup> ions and their potent cytotoxic activity; Inorganica Chimica Acta	0020-1693	Yes	Elsevier
Arshpreet Kaur, Jyoti Rathee, Rohini Kanwar, Deepender Kaushik, Deepak B. Salunke, Surinder K. Mehta (2022)	TLR2 agonistic lipopeptide enriched PLGA nanoparticles as combinatorial drug delivery vehicle, Colloids and Surfaces A: Physicochemical and Engineering Aspects; Colloids and Surfaces A: Physicochemical and Engineering Aspects	18734359, 09277757	Yes	Elsevier
Arshpreet Kaur, Jeremy Baldwin, Deshkanwar Brar, Deepak B. Salunke, Nikolai Petrovsky (2022)	Toll-like receptor (TLR) agonists as a driving force behind next-generation vaccine adjuvants and cancer therapeutics; Current Opinion in Chemical Biology	1367-5931	Yes	Elsevier
Manisha Kumari, Ganga Ram Chaudhary, Savita Chaudhary, Ahmad Umar (2022)	Transformation of solid plastic waste to activated carbon fibres for wastewater treatment; Chemosphere	0045-6535	Yes	Elsevier
Manisha Kumari, Ganga Ram Chaudhary, Savita Chaudhary, Mina Huang, Zhanhu Guo (2022)	Transformation of waste rice straw to carbon quantum dots and their potential chemical sensing application: green and sustainable approach to overcome stubble burning issues; Biomass Conversion and Biorefinery	2190-6815	Yes	Springer
Gurpreet K Soni, Nishima Wangoo, Ceren Cokca, Kalina Peneva, Rohit K Sharma (2022)	Ultrasensitive aptasensor for arsenic detection using quantum dots and guanlylated Poly (methacrylamide); Analytica Chimica Acta	0003-2670	Yes	Elsevier
R Kumar, S Uppal, K Mansi, J Das, SK Pandey, K Kaur, SK Mehta (2022)	Ultrasonication induced synthesis of TPGS stabilized clove oil nanoemulsions and their synergistic effect against breast cancer cells and harmful bacteria; Journal of Molecular Liquids	0167-7322.	Yes	Elsevier
Prabhjot Singh, Rohit K Sharma, Om Prakash Katore, Nishima Wangoo (2022)	Understanding tyrosine self-assembly: from dimer assembly to magnetized fluorescent nanotubes embedded into PVA films; Materials Advances	2633-5409	Yes	RSC
Payal Rani, Kiran Sandhya Chahal Priyanka, Ramesh Kataria, Parvin Kumar, Sudhir Kumar, Jayant Sindhu (2022)	Unravelling the thermodynamics and binding interactions of bovine serum albumin (BSA) with thiazole based carbohydrazide: Multi-spectroscopic, DFT and molecular dynamics approach; Journal of Molecular Structure	0022-2860	Yes	Elsevier
Gitanjali Jindal , Navneet Kaur (2021)	Uracil possessing "turn-on" fluorescent sensor for F <sup>-</sup> and AcO <sup>-</sup> ions with the simultaneous detection of boric acid in antiseptic eye-wash solution; Inorganic Chemical Communications	--	Yes	Elsevier

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Gitanjali Jindal , Navneet Kaur (2022)	Uracil-Appended Fluorescent Sensor for Cu <sup>2+</sup> and Hg <sup>2+</sup> Ions: Real- Life Utilities Including Recognition of Vitamin B2 (Riboflavin) in Milk Products and Invisible Ink Applications; Journal of fluorescence	--	Yes	Springer
Preeti Tewatia, Manpreet Kaur, Sonal Singhal, Anupama Kaushik (2022)	Wheat straw cellulose based fluorescent probe cum bioadsorbents for selective and sensitive alleviation of uranium(VI) in waste water; Journal of Environmental Chemical Engineering	2213-3437	Yes	Elsevier

#### DETAILS OF PUBLICATIONS

##### Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### DETAILS OF PUBLICATIONS

##### Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### Summary of Research Publications July 1, 2021 to June 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	Department of Chemistry	Peer Review Journals	109	0	0	109
2	Department of Chemistry	e-Journals	1	0	0	1
3	Department of Chemistry	Book with ISBN	1	0	0	1
4	Department of Chemistry	Chapter in a book	1	0	0	1

#### RESEARCH SCHEMES

##### Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration (in years)	Principal Investigator and Research Team
CSIR	Synthesis And Characterization Of New Silanes And Silatranes Derived From Pyrenes ....	850000	537500	Major	2018 - 2021	Dr Gurjaspreet Singh
DST	Utilizing the versatile platform of biomass derived nanocellulose based nanocomposites for the facilitative removal of organic pollutants from wastewater	5228323	0	Major	2019 - 2021	Prof. Sonal Singhal
UGC-DAE	Study of Mobilization of Toxic Elements in Beas and Satluj using NAA	135000	135000	Major	2016 - Till Date	Prof. Alok Srivastava
CSIR	Development of Quantum Dot Based Sensor for Biologically Important Analytes	950000	950000	Major	2015 - Till Date	Dr. Navneet Kaur

<b>Sponsor</b>	<b>Title</b>	<b>Funds Sanctioned (INR)</b>	<b>Funds Received (INR)</b>	<b>Type (Major/Minor)</b>	<b>Duration (in years)</b>	<b>Principal Investigator and Research Team</b>
DST-SERB	Studies of Organosilicon Compounds	1749000	1749000	Major	2016 - Till Date	Gurjaspreet Singh
UGC	Studies of Novel Organosilicon complexes	888600	888600	Major	2015 - Till Date	Dr. Gurjaspreet Singh
DST	Theoretical investigations of transition metal oxide clusters	2115840	2115840	Major	2015 - Till Date	dr. Neetu Goel
CSIR	Fabrication Of Materials For Encapsulating Flame Retardants And Metallic Species: Emerging E-Waste Toxins	744000	0	Major	2017 - 2020	Dr. Varinder Kaur
DST-SERB	Tuning tricyclic organotin skeletons for their potential application in organic Synthesis	3074385	0	Major	2017 - 2020	Dr. Varinder Kaur
DST-SERB	Quantum Mechanical Studies to Map the Stereochemical Pathways of Astrophysically relevant Proteinogenic Amino Acids	0	0	Major	2016 - Till Date	Dr. Vikas
DST-SERB	Studies towards.....Catalysis/medicinal Applications.	4195000	4195000	Major	2017 - Till Date	Dr. amarjit kaur
UGC	Indo-US Partnership on Green Chemistry/Engineering and Technologies Education, Research and Outreach for Sustainable Development	12128000	12128000	Major	2016 - Till Date	Dr. G.R. Chaudhary
INST Mohali	Ultra fast and effective treatment of water contaminants using semiconducting nanomaterials	1000000	1000000	Major	2015 - Till Date	Dr. G.R. Chaudhary
CSIR	Synthesis, characterization and the applications of ferrites in the photo catalytic degradation of organic pollutants Award no. 01(02833)/15/EMR-II	600000	600000	Major	2015 - Till Date	Dr. Sonal Singhal
DST	Colloidal drug delivery systems	3500000	3500000	Major	2012 - Till Date	Dr. Gurpreet Kaur
DST Inspire	Novel Cascade Reactions for Asymmetric Synthesis of Highly Functionalized N-Heterocycles and Their Use in Total Synthesis	3500000	3500000	Major	2013 - Till Date	Dr. Jyoti Agarwal
DST	Intercomponent Energy and Electron Transfer in Electroluminescent and Electrochemiluminescent Organic-Inorganic Hybrid Materials	2400000	2400000	Major	2015 - Till Date	Dr. Palani Natarajan
CSIR	Triboluminescence materials and their applications 02(0246)/15/EMR-II	1400000	1400000	Major	2016 - Till Date	Dr. Palani Natarajan
DBT	Small molecule inhibitors of indoleamine 2,3-dioxygenase: Development of new synergistic combinations of IDO inhibitors and TLR agonists as potential vaccine adjuvants	8800000	8800000	Major	2015 - Till Date	Dr. Deepak B. Salunke
UGC	Synthesis of Substituted 1H-Imidazo/Thiazolo[4,5-c]quinolin-4-amine Derivatives to Authenticate the Critical Role of Partial Charges in Determining	600000	600000	Major	2017 - Till Date	Dr. Deepak B. Salunke



<b>Sponsor</b>	<b>Title</b>	<b>Funds Sanctioned (INR)</b>	<b>Funds Received (INR)</b>	<b>Type (Major/Minor)</b>	<b>Duration (in years)</b>	<b>Principal Investigator and Research Team</b>
	Toll-Like Receptor (TLR)-7/8 Agonistic Activity.					
DST	Rigid and Flexible Organic Linkers based Electron Rich Framework Materials: Synthesis, Characterization and Selective Sensing and Catalysis	3500000	700000	Major	2015 - Till Date	Dr. Girijesh Kumar
DST-Inspire	Carcinogenic DNA Lesions due to Ochratoxin A and aristolochic acid: Structure, mutagenicity and repair	3500000	3500000	Major	2015 - Till Date	Dr. Purshotam Sharma
DST-SERB	Biocompatible Nano-sized Smart Material from Re Generable Source	8900000	8900000	Major	2016 - Till Date	Dr. Abhijit Dan
UGC-Start Up Grant	Start up Grant for newly recruited faculty under UGC Faculty Recharge Progamme	600000	600000	Major	2017 - Till Date	Dr. Abhijit Dan
UGC-Start Up Grant	Start up Grant for newly recruited faculty under UGC Faculty Recharge Progamme	600000	600000	Major	2017 - Till Date	Dr. Ankur Pandey
DST-SERB	Synthesis and development of peptidomimetic scaffolds targeting the substance P17 binding sites	3410000	3410000	Major	2017 - Till Date	Dr. Ankur Pandey
DST-SERB	Opticalandelectrochemical Sensorsbasedon Benzothiazoleandtheir Nanoparticle	3025000	3025000	Major	2016 - Till Date	Dr. Shweta Rana
DST-Inspire	A Hybrid Metal Semi-conductor Hetero-nanostructure Core-Shell Nanoparticles with Geometrically Tunable Optical Properties and Their Applications as Opto-electronic Devices	3500000	3500000	Major	2012 - Till Date	Dr. Savita Chaudhary
DST-SERB	Photosalient (PS) and Pizeoelectric(PE) Synergic coupling-Development and optimization of smart hybrid composites for small scale energy	4500000	2750000	Major	2018 - 2031	Dr. S.C.Sahoo
DST-Inspire	The Transition Metal-Catalyzed Remote C-H Bond Activation of Cyclobutanes and Bicyclo[1.1.1]pentanes	3500000	700000	Major	2018 - Till Date	Dr. Vaneet Saini
UGC BSR	Start up Grant for newly recruited faculty under UGC Faculty Recharge Progamme	1000000	1000000	Major	2018 - Till Date	Dr. Vijay Pal Singh
DST-SERB	Synthesis and Characterization of Novel Chiral Boron Complexes and Their Applications in Asymmetric Diels Alder Reactions	4535520	2444000	Major	2017 - Till Date	Dr. Jyoti Agarwal
SERB	"Synthesis ofPyrimidone-Based Receptors for Multipoint Recognition of Thymidine Analogues and Monitoring Enzyme Activities	2746700	1713000	Major	2018 - Till Date	Dr. Navneet Kaur
SERB	Enhancement of the immunogenicity and protective efficacy of lipopeptide	6115000	6115000	Major	2017 - Till Date	Dr. Rohit Kumar Sharma
UGC	UGC Startup Grant	600000	0	Major	2017 - 2021	Dr. Purshotam Sharma
DST Haryana	A waste biomass to wealth approach for treating waste water and electromagnetic menace	200000	120000	Major	2020 - Till Date	Dr. Savita Chaudhary

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration (in years)	Principal Investigator and Research Team
CSIR	Visible light photoredox-catalyzed generation of iminyl-radicals from cyanamide and its N-substituted derivatives: A novel route to access polynitrogen heterocycles	1050000	200000	Major	2019 - 2022	Dr. Palani Natarajan
MHRD, GoI	Scheme for Promotion of Academic and Research Collaboration (SPARC)	3829986	160000	Major	2019 - Till Date	Dr. Rohit Kumar Sharma
CSR Scheme Electrowaves Electronics Pvt. Ltd.	Development of efficient Photo Voltaic (PV) Solar Power Plant and Concentrated Solar Power (CSP) Plants for integrated Electric Vehicle charging station	377000	0	Major	2021 - 2023	Prof. G.R. Chaudhary
DST-SERB		4600000	2300000	Major	2020 - Till Date	Dr. Girijesh Kumar
DST International Division	DST International Division (Indo-Austria)	701000	0	Others	2020 - Till Date	Dr. Sonal Singhal
SERB	SERB-Power	2914164	1167000	Major	2021 - 2024	Varinder Kaur
CSIR	Major Research Project	1400000	700000	Major	2021 - 2024	Varinder Kaur
DST	TDT	4454398	1963699	Major	2021 - 2023	Dr. Rohit Kumar Sharma
Baddi Infrastructure	Evaluation Of Cstp Processing Parameter To Upgrade The Plant For Treatment Of Wastewater From Pharmaceutical And Personal Care Products	3300000	1668992	Industry Sponsored	2021 - Till Date	Prf. Ganga Ram Chaudhary
DST India	DST-STUTI	0	0	Major	2021 - Till Date	Prof. Ganga Ram Chaudhary
CSIR	Synthesis And Characterization Of New Silanes And Silatranes Derived From Pyrenes ....	0	0	Major	2018 - 2021	DR Gurjaspreet Singh
DST	Utilizing the versatile platform of biomass derived nanocellulose based nanocomposites for the facilitative removal of organic pollutants from wastewater	0	0	Major	2019 - 2021	Prof. Sonal Singhal
UGC-DAE	Study of Mobilization of Toxic Elements in Beas and Satluj using NAA	0	0	Major	2016 - Till Date	Prof. Alok Srivastava
CSIR	Development of Quantum Dot Based Sensor for Biologically Important Analytes	0	0	Major	2015 - Till Date	Dr. Navneet Kaur
DST-SERB	Studies of Organosilicon Compounds	0	0	Major	2016 - Till Date	Gurjaspreet Singh
UGC	Studies of Novel Organosilicon complexes	0	0	Major	2015 - Till Date	Dr. Gurjaspreet Singh
DST	Theoretical investigations of transition metal oxide clusters	0	0	Major	2015 - Till Date	dr. Neetu Goel
DST-SERB	Quantum Mechanical Studies to Map the Stereochemical Pathways of	0	0	Major	2016 - Till Date	Dr. Vikas

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration (in years)	Principal Investigator and Research Team
	Astrophysically relevant Proteinogenic Amino Acids					
DST-SERB	Studies towards.....Catalysis/medicinal Applications.	0	0	Major	2017 - Till Date	Dr. amarjit kaur
UGC	Indo-US Partnership on Green Chemistry/Engineering and Technologies Education, Research and Outreach for Sustainable Development	0	0	Major	2016 - Till Date	Dr. G.R. Chaudhary
INST Mohali	Ultra fast and effective treatment of water contaminants using semiconducting nanomaterials	0	0	Major	2015 - Till Date	Dr. G.R. Chaudhary
CSIR	Synthesis, characterization and the applications of ferrites in the photo catalytic degradation of organic pollutants Award no. 01(02833)/15/EMR-II	0	0	Major	2015 - Till Date	Dr. Sonal Singhal
DST	Colloidal drug delivery systems	0	0	Major	2012 - Till Date	Dr. Gurpreet Kaur
DST Inspire	Novel Cascade Reactions for Asymmetric Synthesis of Highly Functionalized N-Heterocycles and Their Use in Total Synthesis	0	0	Major	2013 - Till Date	Dr. Jyoti Agarwal
DST	Intercomponent Energy and Electron Transfer in Electroluminescent and Electrochemiluminescent Organic-Inorganic Hybrid Materials	0	0	Major	2015 - Till Date	Dr. Palani Natarajan
CSIR	Triboluminescence materials and their applications 02(0246)/15/EMR-II	0	0	Major	2016 - Till Date	Dr. Palani Natarajan
DBT	Small molecule inhibitors of indoleamine 2,3-dioxygenase: Development of new synergistic combinations of IDO inhibitors and TLR agonists as potential vaccine adjuvants	0	0	Major	2015 - Till Date	Dr. Deepak B. Salunke
UGC	Synthesis of Substituted 1H-Imidazo/Thiazolo[4,5-c]quinolin-4-amine Derivatives to Authenticate the Critical Role of Partial Charges in Determining Toll-Like Receptor (TLR)-7/8 Agonistic Activity.	0	0	Major	2017 - Till Date	Dr. Deepak B. Salunke
DST	Rigid and Flexible Organic Linkers based Electron Rich Framework Materials: Synthesis, Characterization and Selective Sensing and Catalysis	0	0	Major	2015 - Till Date	Dr. Girijesh Kumar
DST-Inspire	Carcinogenic DNA Lesions due to Ochratoxin A and aristolochic acid: Structure, mutagenicity and repair	0	0	Major	2015 - Till Date	Dr. Purshotam Sharma
DST-SERB	Biocompatible Nano-sized Smart Material from Re Generable Source	0	0	Major	2016 - Till Date	Dr. Abhijit Dan
UGC-Start Up Grant	Start up Grant for newly recruited faculty under UGC Faculty Recharge Programme	0	0	Major	2017 - Till Date	Dr. Abhijit Dan
UGC-Start Up Grant	Start up Grant for newly recruited faculty under UGC Faculty Recharge Programme	0	0	Major	2017 - Till Date	Dr. Ankur Pandey

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration (in years) Till Date	Principal Investigator and Research Team
DST-SERB	Synthesis and development of peptidomimetic scaffolds targeting the substance P17 binding sites	0	0	Major	2017 - Till Date	Dr. Ankur Pandey
DST-SERB	Optical and electrochemical Sensors based on Benzothiazole and their Nanoparticle	0	0	Major	2016 - Till Date	Dr. Shweta Rana
DST-Inspire	A Hybrid Metal Semi-conductor Hetero-nanostructure Core-Shell Nanoparticles with Geometrically Tunable Optical Properties and Their Applications as Opto-electronic Devices	0	0	Major	2012 - Till Date	Dr. Savita Chaudhary
DST-SERB	Photosensitive (PS) and Piezoelectric (PE) Synergic coupling-Development and optimization of smart hybrid composites for small scale energy	0	0	Major	2018 - 2021	Dr. S.C.Sahoo
DST-Inspire	The Transition Metal-Catalyzed Remote C-H Bond Activation of Cyclobutanes and Bicyclo[1.1.1]pentanes	0	0	Major	2018 - Till Date	Dr. Vaneet Saini
UGC BSR	Start up Grant for newly recruited faculty under UGC Faculty Recharge Programme	0	0	Major	2018 - Till Date	Dr. Vijay Pal Singh
DST-SERB	Synthesis and characterization of amino acids based novel heterogeneous organocatalysts for asymmetric catalytic applications	2178000	1123999	Major	2021 - 2024	Dr. Jyoti Agarwal
SERB	Synthesis of Pyrimidone-Based Receptors for Multipoint Recognition of Thymidine Analogues and Monitoring Enzyme Activities	0	0	Major	2018 - Till Date	Dr. Navneet Kaur
SERB	Enhancement of the immunogenicity and protective efficacy of lipopeptide	0	0	Major	2017 - Till Date	Dr. Rohit Kumar Sharma
UGC	UGC Startup Grant	0	0	Major	2017 - 2021	Dr. Purshotam Sharma
DST Haryana	A waste biomass to wealth approach for treating waste water and electromagnetic menace	0	0	Major	2020 - Till Date	Dr. Savita Chaudhary
nil	nil	0	0	Major	2019 - 2022	nil
MHRD, GoI	Scheme for Promotion of Academic and Research Collaboration (SPARC)	0	0	Major	2019 - Till Date	Dr. Rohit Kumar Sharma
CSR Scheme Electrowaves Electronics Pvt. Ltd.	Development of efficient Photo Voltaic (PV) Solar Power Plant and Concentrated Solar Power (CSP) Plants for integrated Electric Vehicle charging station	0	0	Major	2021 - 2023	Prof. G.R. Chaudhary
DST-SERB	Functionalized Supramolecular Cages: Chiral Recognition of Biologically Relevant Molecules and Enantioselective Catalysis in Confined Space	0	0	Major	2020 - Till Date	Dr. Girijesh Kumar
DST International Division	DST International Division (Indo-Austria)	0	0	Others	2020 - Till Date	Dr. Sonal Singhal

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration (in years)	Principal Investigator and Research Team
nil	NIL	0	0	Major	2021 - 2024	nil
nil	NIL	0	0	Nil/NA	2021 - 2024	nil
DST	TDT	0	0	Major	2021 - 2023	Dr. Rohit Kumar Sharma
CSIR	Synthesis And Characterization Of New Silanes And Silatranes Derived From Pyrenes ....	0	0	Major	2018 - 2021	DR GURJASPREET SINGH
DST	Utilizing the versatile platform of biomass derived nanocellulose based nanocomposites for the facilitative removal of organic pollutants from wastewater	0	0	Major	2019 - 2021	Prof. Sonal Singhal
UGC-DAE	Study of Mobilization of Toxic Elements in Beas and Satluj using NAA	0	0	Major	2016 - Till Date	Prof. Alok Srivastava
CSIR	Development of Quantum Dot Based Sensor for Biologically Important Analytes	0	0	Major	2015 - Till Date	Dr. Navneet Kaur
DST-SERB	Studies of Organosilicon Compounds	0	0	Major	2016 - Till Date	Gurjaspreet Singh
UGC	Studies of Novel Organosilicon complexes	0	0	Major	2015 - Till Date	Dr. Gurjaspreet Singh
DST	Theoretical investigations of transition metal oxide clusters	0	0	Major	2015 - Till Date	dr. Neetu Goel
DST-SERB	Quantum Mechanical Studies to Map the Stereochemical Pathways of Astrophysically relevant Proteinogenic Amino Acids	1249600	1249600	Major	2016 - Till Date	Dr. Vikas
DST-SERB	Studies towards.....Catalysis/medicinal Applications.	0	0	Major	2017 - Till Date	Dr. amarjit kaur
UGC	Indo-US Partnership on Green Chemistry/Engineering and Technologies Education, Research and Outreach for Sustainable Development	0	0	Major	2016 - Till Date	Dr. G.R. Chaudhary
INST Mohali	Ultra fast and effective treatment of water contaminants using semiconducting nanomaterials	0	0	Major	2015 - Till Date	Dr. G.R. Chaudhary
CSIR	Synthesis, characterization and the applications of ferrites in the photo catalytic degradation of organic pollutants Award no. 01(02833)/15/EMR-II	0	0	Major	2015 - Till Date	Dr. Sonal Singhal
DST	Colloidal drug delivery systems	0	0	Major	2012 - Till Date	Dr. Gurpreet Kaur
DST Inspire	Novel Cascade Reactions for Asymmetric Synthesis of Highly Functionalized N-Heterocycles and Their Use in Total Synthesis	0	0	Major	2013 - Till Date	Dr. Jyoti Agarwal
DST	Intercomponent Energy and Electron Transfer in Electroluminescent and	0	0	Major	2015 - Till Date	Dr. Palani Natarajan

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration (in years)	Principal Investigator and Research Team
	Electrochemiluminescent Inorganic Hybrid Materials					Organic-
CSIR	Triboluminescence materials and their applications 02(0246)/15/EMR-II	0	0	Major	2016 - Till Date	Dr. Palani Natarajan
DBT	Small molecule inhibitors of indoleamine 2,3-dioxygenase: Development of new synergistic combinations of IDO inhibitors and TLR agonists as potential vaccine adjuvants	0	0	Major	2015 - Till Date	Dr. Deepak B. Salunke
UGC	Synthesis of Substituted 1H-Imidazo/Thiazolo [4,5-c]quinolin-4-amine Derivatives to Authenticate the Critical Role of Partial Charges in Determining Toll-Like Receptor (TLR)-7/8 Agonistic Activity.	0	0	Major	2017 - Till Date	Dr. Deepak B. Salunke
DST	Rigid and Flexible Organic Linkers based Electron Rich Framework Materials: Synthesis, Characterization and Selective Sensing and Catalysis	0	0	Major	2015 - Till Date	Dr. Girijesh Kumar
DST-Inspire	Carcinogenic DNA Lesions due to Ochratoxin A and aristolochic acid: Structure, mutagenicity and repair	0	0	Major	2015 - Till Date	Dr. Purshotam Sharma
DST-SERB	Biocompatible Nano-sized Smart Material from Re Generable Source	0	0	Major	2016 - Till Date	Dr. Abhijit Dan
UGC-Start Up Grant	Start up Grant for newly recruited faculty under UGC Faculty Recharge Programme	0	0	Major	2017 - Till Date	Dr. Abhijit Dan
UGC-Start Up Grant	Start up Grant for newly recruited faculty under UGC Faculty Recharge Programme	0	0	Major	2017 - Till Date	Dr. Ankur Pandey
DST-SERB	Synthesis and development of peptidomimetic scaffolds targeting the substance P17 binding sites	0	0	Major	2017 - Till Date	Dr. Ankur Pandey
DST-SERB	Opticalandelectrochemical Sensorsbasedon Benzothiazoleandtheir Nanoparticle	0	0	Major	2016 - Till Date	Dr. Shweta Rana
DST-Inspire	A Hybrid Metal Semi-conductor Hetero-nanostructure Core-Shell Nanoparticles with Geometrically Tunable Optical Properties and Their Applications as Opto-electronic Devices	0	0	Major	2012 - Till Date	Dr. Savita Chaudhary
DST-SERB	Photosalient (PS) and Pizeoelectric(PE) Synergic coupling-Development and optimization of smart hybrid composites for small scale energy	0	0	Major	2018 - 2031	Dr. S.C.Sahoo
DST-Inspire	The Transition Metal-Catalyzed Remote C-H Bond Activation of Cyclobutanes and Bicyclo[1.1.1]pentanes	0	0	Major	2018 - Till Date	Dr. Vaneet Saini
UGC BSR	Start up Grant for newly recruited faculty under UGC Faculty Recharge Programme	0	0	Major	2018 - Till Date	Dr. Vijay Pal Singh
DST-SERB	Synthesis and Characterization of Novel Chiral Boron Complexes and Their	0	0	Major	2017 - Till Date	Dr. Jyoti Agarwal

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration (in years)	Principal Investigator and Research Team
	Applications in Asymmetric Diels Alder Reactions					
SERB	Synthesis of Pyrimidone-Based Receptors for Multipoint Recognition of Thymidine Analogues and Monitoring Enzyme Activities	0	1713000	Major	2018 - Till Date	Dr. Navneet Kaur
SERB	Enhancement of the immunogenicity and protective efficacy of lipopeptide	0	0	Major	2017 - Till Date	Dr. Rohit Kumar Sharma
UGC	UGC Startup Grant	0	0	Major	2017 - 2021	Dr. Purshotam Sharma
DST Haryana	A waste biomass to wealth approach for treating waste water and electromagnetic menace	0	0	Major	2020 - Till Date	Dr. Savita Chaudhary
nil	nil	0	0	Major	2019 - 2022	nil
MHRD, GoI	Scheme for Promotion of Academic and Research Collaboration (SPARC)	0	0	Major	2019 - Till Date	Dr. Rohit Kumar Sharma
DST-SERB	Functionalized Supramolecular Cages: Chiral Recognition of Biologically Relevant Molecules and Enantioselective Catalysis in Confined Space	0	0	Major	2020 - Till Date	Dr. Girijesh Kumar
DST International Division	DST International Division (Indo-Austria)	0	0	Others	2020 - Till Date	Dr. Sonal Singhal
nil	Nil	0	0	Nil/NA	2021 - 2024	nil
NIL	Nil	0	0	Major	2021 - 2024	NIL
DST	TDT	0	0	Major	2021 - 2023	Dr. Rohit Kumar Sharma
CSIR	Novel and Pliable Anthraquinone Derivatives for Chemosensing Applications	1400000	1000000	Major	2021 - 2024	Dr. Navneet Kaur
UGC-DAE CSR	Collaborative Research Scheme(CRS)	243240	243240	Major	2022 - 2025	Dr. Gurpreet Kaur
Rusa	Entrepreneurship Employ ability and Innovation Hub(EEI-Hub) RUSA-State Project Directorate Through Panjab University Incubation Centre	500000	500000	Minor	2022 - Till Date	Dr. Rohit Kumar Sharma
Department of Atomic Energy (DAE) Board of Research in Nuclear Sciences (BRNS)	"Development of peptide based Infection imaging agents"	4087600	4087600	Major	2022 - Till Date	Dr. Rohit Kumar Sharma
ICMR	ICMR	2186538	2186538	Major	2021 - 2024	Dr. Sukhbir Kaur
SERB	SERB-core	4953400	420500	Major	2022 - 2024	Dr. Sarvanan Ramakrishnan

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration (in years)	Principal Investigator and Research Team
CSIR	Synthesis And Characterization Of New Silanes And Silatranes Derived From Pyrenes ....	0	0	Major	2018 - 2021	DR GURJASPREET SINGH
DST	Utilizing the versatile platform of biomass derived nanocellulose based nanocomposites for the facilitative removal of organic pollutants from wastewater	0	0	Major	2019 - 2021	Prof. Sonal Singhal
UGC-DAE	Study of Mobilization of Toxic Elements in Beas and Satluj using NAA	0	0	Major	2016 - Till Date	Prof. Alok Srivastava
CSIR	Development of Quantum Dot Based Sensor for Biologically Important Analytes	0	0	Major	2015 - Till Date	Dr. Navneet Kaur
DST-SERB	Studies of Organosilicon Compounds	0	0	Major	2016 - Till Date	Gurjaspreet Singh
UGC	Studies of Novel Organosilicon complexes	0	0	Major	2015 - Till Date	Dr. Gurjaspreet Singh
DST	Theoretical investigations of transition metal oxide clusters	0	0	Major	2015 - Till Date	dr. Neetu Goel
DST-SERB	Quantum Mechanical Studies to Map the Stereochemical Pathways of Astrophysically relevant Proteinogenic Amino Acids	0	0	Major	2016 - Till Date	Dr. Vikas
DST-SERB	Studies towards.....Catalysis/medicinal Applications.	0	0	Major	2017 - Till Date	Dr. amarjit kaur
UGC	Indo-US Partnership on Green Chemistry/Engineering and Technologies Education, Research and Outreach for Sustainable Development	0	0	Major	2016 - Till Date	Dr. G.R. Chaudhary
INST Mohali	Ultra fast and effective treatment of water contaminants using semiconducting nanomaterials	0	0	Major	2015 - Till Date	Dr. G.R. Chaudhary
CSIR	Synthesis, characterization and the applications of ferrites in the photo catalytic degradation of organic pollutants Award no. 01(02833)/15/EMR-II	0	0	Major	2015 - Till Date	Dr. Sonal Singhal
DST	Colloidal drug delivery systems	0	0	Major	2012 - Till Date	Dr. Gurpreet Kaur
DST Inspire	Novel Cascade Reactions for Asymmetric Synthesis of Highly Functionalized N-Heterocycles and Their Use in Total Synthesis	0	0	Major	2013 - Till Date	Dr. Jyoti Agarwal
DST	Intercomponent Energy and Electron Transfer in Electroluminescent and Electrochemiluminescent Organic-Inorganic Hybrid Materials	0	0	Major	2015 - Till Date	Dr. Palani Natarajan
CSIR	Triboluminescence materials and their applications 02(0246)/15/EMR-II	0	0	Major	2016 - Till Date	Dr. Palani Natarajan
DBT	Small molecule inhibitors of indoleamine 2,3-dioxygenase: Development of new synergistic combinations of IDO inhibitors	0	0	Major	2015 - Till Date	Dr. Deepak B. Salunke



Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration (in years)	Principal Investigator and Research Team
	and TLR agonists as potential vaccine adjuvants					
UGC	Synthesis of Substituted 1H-Imidazo/Thiazolo[4,5-c]quinolin-4-amine Derivatives to Authenticate the Critical Role of Partial Charges in Determining Toll-Like Receptor (TLR)-7/8 Agonistic Activity.	0	0	Major	2017 - Till Date	Dr. Deepak B. Salunke
DST	Rigid and Flexible Organic Linkers based Electron Rich Framework Materials: Synthesis, Characterization and Selective Sensing and Catalysis	0	0	Major	2015 - Till Date	Dr. Girijesh Kumar
DST-Inspire	Carcinogenic DNA Lesions due to Ochratoxin A and aristolochic acid: Structure, mutagenicity and repair	0	0	Major	2015 - Till Date	Dr. Purshotam Sharma
DST-SERB	Biocompatible Nano-sized Smart Material from Re Generable Source	0	0	Major	2016 - Till Date	Dr. Abhijit Dan
UGC-Start Up Grant	Start up Grant for newly recruited faculty under UGC Faculty Recharge Programme	0	0	Major	2017 - Till Date	Dr. Abhijit Dan
UGC-Start Up Grant	Start up Grant for newly recruited faculty under UGC Faculty Recharge Programme	0	0	Major	2017 - Till Date	Dr. Ankur Pandey
DST-SERB	Synthesis and development of peptidomimetic scaffolds targeting the substance P17 binding sites	0	0	Major	2017 - Till Date	Dr. Ankur Pandey
DST-SERB	Opticalandelectrochemical Sensorsbasedon Benzothiazoleandtheir Nanoparticle	0	0	Major	2016 - Till Date	Dr. Shweta Rana
DST-Inspire	A Hybrid Metal Semi-conductor Hetero-nanostructure Core-Shell Nanoparticles with Geometrically Tunable Optical Properties and Their Applications as Opto-electronic Devices	0	0	Major	2012 - Till Date	Dr. Savita Chaudhary
DST-SERB	Photosalient (PS) and Pizeoelectric(PE) Synergic coupling-Development and optimization of smart hybrid composites for small scale energy	0	0	Major	2018 - 2031	Dr. S.C.Sahoo
DST-Inspire	The Transition Metal-Catalyzed Remote C-H Bond Activation of Cyclobutanes and Bicyclo[1.1.1]pentanes	0	0	Major	2018 - Till Date	Dr. Vaneet Saini
UGC BSR	Start up Grant for newly recruited faculty under UGC Faculty Recharge Programme	0	0	Major	2018 - Till Date	Dr. Vijay Pal Singh
SERB	Synthesis ofPyrimidone-Based Receptors for Multipoint Recognition of Thymidine Analogues and Monitoring Enzyme Activities	0	0	Major	2018 - Till Date	Dr. Navneet Kaur
SERB	Enhancement of the immunogenicity and protective efficacy of lipopeptide	0	0	Major	2017 - Till Date	Dr. Rohit Kumar Sharma
UGC	UGC Startup Grant	0	0	Major	2017 - 2021	Dr. Purshotam Sharma

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration (in years) Till Date	Principal Investigator and Research Team
DST Haryana	A waste biomass to wealth approach for treating waste water and electromagnetic menace	0	0	Major	2020 - Till Date	Dr. Savita Chaudhary
CSIR	02(0380)/19/EMR-II	0	0	Major	2019 - 2022	Dr. Palani Natarajan
MHRD, GoI	Scheme for Promotion of Academic and Research Collaboration (SPARC)	0	0	Major	2019 - Till Date	Dr. Rohit Kumar Sharma
CSR Scheme Electrowaves Electronics Pvt. Ltd.	Development of efficient Photo Voltaic (PV) Solar Power Plant and Concentrated Solar Power (CSP) Plants for integrated Electric Vehicle charging station	0	0	Major	2021 - 2023	Prof. G.R. Chaudhary
DST-SERB	Functionalized Supramolecular Cages: Chiral Recognition of Biologically Relevant Molecules and Enantioselective Catalysis in Confined Space	0	0	Major	2020 - Till Date	Dr. Girijesh Kumar
DST International Division	DST International Division (Indo-Austria)	0	0	Others	2020 - Till Date	Dr. Sonal Singhal
nil	NIL	0	0	Major	2021 - 2024	nil
Nil	NIL	0	0	Major	2021 - 2024	Nil
DST	TDT	0	0	Major	2021 - 2023	Dr. Rohit Kumar Sharma
CSIR	Ferroptosis inhibitors: Their synthesis and cryoprotective effects to Mammalian cells against autoxidation.	1100000	633333	Major	2021 - Till Date	Dr. Vijay Pal Singh
NASI	Senior Scientist Platinum Jubilee Fellowship	1380000	460000	Others	2021 - Till Date	Prof. Kuldeep Kumar Bhasin
CSIR	Synthesis And Characterization Of New Silanes And Silatranes Derived From Pyrenes ....	850000	537500	Major	2018 - 2021	DR GURJASPREET SINGH
DST	Utilizing the versatile platform of biomass derived nanocellulose based nanocomposites for the facilitative removal of organic pollutants from wastewater	5228323	0	Major	2019 - 2021	Prof. Sonal Singhal
UGC-DAE	Study of Mobilization of Toxic Elements in Beas and Satluj using NAA	135000	135000	Major	2016 - Till Date	Prof. Alok Srivastava
CSIR	Development of Quantum Dot Based Sensor for Biologically Important Analytes	950000	950000	Major	2015 - Till Date	Dr. Navneet Kaur
DST-SERB	Studies of Organosilicon Compounds	1749000	1749000	Major	2016 - Till Date	Gurjaspreet Singh
UGC	Studies of Novel Organosilicon complexes	888600	888600	Major	2015 - Till Date	Dr. Gurjaspreet Singh
DST	Theoretical investigations of transition metal oxide clusters	2115840	2115840	Major	2015 - Till Date	dr. Neetu Goel

<b>Sponsor</b>	<b>Title</b>	<b>Funds Sanctioned (INR)</b>	<b>Funds Received (INR)</b>	<b>Type (Major/Minor)</b>	<b>Duration (in years) Till Date</b>	<b>Principal Investigator and Research Team</b>
DST-SERB	Quantum Mechanical Studies to Map the Stereochemical Pathways of Astrophysically relevant Proteinogenic Amino Acids	1249600	1249600	Major	2016 - Till Date	Dr. Vikas
DST-SERB	Studies towards.....Catalysis/medicinal Applications.	4195000	4195000	Major	2017 - Till Date	Dr. amarjit kaur
UGC	Indo-US Partnership on Green Chemistry/Engineering and Technologies Education, Research and Outreach for Sustainable Development	12128000	12128000	Major	2016 - Till Date	Dr. G.R. Chaudhary
INST Mohali	Ultra fast and effective treatment of water contaminants using semiconducting nanomaterials	1000000	1000000	Major	2015 - Till Date	Dr. G.R. Chaudhary
CSIR	Synthesis, characterization and the applications of ferrites in the photo catalytic degradation of organic pollutants Award no. 01(02833)/15/EMR-II	600000	600000	Major	2015 - Till Date	Dr. Sonal Singhal
DST	Colloidal drug delivery systems	3500000	3500000	Major	2012 - Till Date	Dr. Gurpreet Kaur
DST Inspire	Novel Cascade Reactions for Asymmetric Synthesis of Highly Functionalized N-Heterocycles and Their Use in Total Synthesis	3500000	3500000	Major	2013 - Till Date	Dr. Jyoti Agarwal
DST	Intercomponent Energy and Electron Transfer in Electroluminescent and Electrochemiluminescent Organic-Inorganic Hybrid Materials	2400000	2400000	Major	2015 - Till Date	Dr. Palani Natarajan
CSIR	Triboluminescence materials and their applications 02(0246)/15/EMR-II	1400000	1400000	Major	2016 - Till Date	Dr. Palani Natarajan
DBT	Small molecule inhibitors of indoleamine 2,3-dioxygenase: Development of new synergistic combinations of IDO inhibitors and TLR agonists as potential vaccine adjuvants	8800000	8800000	Major	2015 - Till Date	Dr. Deepak B. Salunke
UGC	Synthesis of Substituted 1H-Imidazo/Thiazolo[4,5-c]quinolin-4-amine Derivatives to Authenticate the Critical Role of Partial Charges in Determining Toll-Like Receptor (TLR)-7/8 Agonistic Activity.	600000	600000	Major	2017 - Till Date	Dr. Deepak B. Salunke
DST	Rigid and Flexible Organic Linkers based Electron Rich Framework Materials: Synthesis, Characterization and Selective Sensing and Catalysis	3500000	700000	Major	2015 - Till Date	Dr. Girijesh Kumar
DST-Inspire	Carcinogenic DNA Lesions due to Ochratoxin A and aristolochic acid: Structure, mutagenicity and repair	3500000	3500000	Major	2015 - Till Date	Dr. Purshotam Sharma
DST-SERB	Biocompatible Nano-sized Smart Material from Re Generable Source	8900000	8900000	Major	2016 - Till Date	Dr. Abhijit Dan
UGC-Start Up Grant	Start up Grant for newly recruited faculty under UGC Faculty Recharge Programme	600000	600000	Major	2017 - Till Date	Dr. Abhijit Dan

<b>Sponsor</b>	<b>Title</b>	<b>Funds Sanctioned (INR)</b>	<b>Funds Received (INR)</b>	<b>Type (Major/Minor)</b>	<b>Duration (in years)</b>	<b>Principal Investigator and Research Team</b>
UGC-Start Up Grant	Start up Grant for newly recruited faculty under UGC Faculty Recharge Programme	600000	600000	Major	2017 - Till Date	Dr. Ankur Pandey
DST-SERB	Synthesis and development of peptidomimetic scaffolds targeting the substance P17 binding sites	3410000	3410000	Major	2017 - Till Date	Dr. Ankur Pandey
DST-SERB	Optical and electrochemical Sensors based on Benzothiazole and their Nanoparticle	3025000	3025000	Major	2016 - Till Date	Dr. Shweta Rana
DST-Inspire	A Hybrid Metal Semi-conductor Hetero-nanostructure Core-Shell Nanoparticles with Geometrically Tunable Optical Properties and Their Applications as Opto-electronic Devices	3500000	3500000	Major	2012 - Till Date	Dr. Savita Chaudhary
DST-SERB	Photosensitive (PS) and Piezoelectric (PE) Synergic coupling-Development and optimization of smart hybrid composites for small scale energy	4500000	2750000	Major	2018 - 2031	Dr. S.C.Sahoo
DST-Inspire	The Transition Metal-Catalyzed Remote C-H Bond Activation of Cyclobutanes and Bicyclo[1.1.1]pentanes	3500000	700000	Major	2018 - Till Date	Dr. Vaneet Saini
UGC BSR	Start up Grant for newly recruited faculty under UGC Faculty Recharge Programme	1000000	1000000	Major	2018 - Till Date	Dr. Vijay Pal Singh
SERB	"Synthesis of Pyrimidone-Based Receptors for Multipoint Recognition of Thymidine Analogues and Monitoring Enzyme Activities	2746700	1713000	Major	2018 - Till Date	Dr. Navneet Kaur
SERB	Enhancement of the immunogenicity and protective efficacy of lipopeptide	6115000	6115000	Major	2017 - Till Date	Dr. Rohit Kumar Sharma
UGC	UGC Startup Grant	600000	0	Major	2017 - 2021	Dr. Purshotam Sharma
DST Haryana	A waste biomass to wealth approach for treating waste water and electromagnetic menace	200000	120000	Major	2020 - Till Date	Dr. Savita Chaudhary
CSIR	Visible light photoredox-catalyzed generation of iminyl-radicals from cyanamide and its N-substituted derivatives: A novel route to access polynitrogen heterocycles	1050000	200000	Major	2019 - 2022	Dr. Palani Natarajan
MHRD, GoI	Scheme for Promotion of Academic and Research Collaboration (SPARC)	3829986	160000	Major	2019 - Till Date	Dr. Rohit Kumar Sharma
CSR Scheme Electrowaves Electronics Pvt. Ltd.	Development of efficient Photo Voltaic (PV) Solar Power Plant and Concentrated Solar Power (CSP) Plants for integrated Electric Vehicle charging station	3770000	0	Major	2021 - 2023	Prof. G.R. Chaudhary
DST-SERB		4600000	2300000	Major	2020 - Till Date	Dr. Girijesh Kumar
DST International Division	DST International Division (Indo-Austria)	0	0	Others	2020 - Till Date	Dr. Sonal Singhal

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration (in years)	Principal Investigator and Research Team
nil	NIL	0	0	Major	2021 - 2024	nil
NIL	NIL	0	0	Major	2021 - 2024	NIL
DST	TDT	4454398	1963699	Major	2021 - 2023	Dr. Rohit Kumar Sharma

### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT

#### Details of Seminars, Conferences, and Workshops organized during the Academic Year

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Stuti Program	2022-05-27	2022-06-03	CIL &veptt of Chemistry	30
Role of intellectual property right in constructing green environment	2022-06-06	2022-06-06	MCM eco club	50
Celebration of International Day of Person with Disabilities by Organizing Para Sports Meet	2021-12-02	2021-12-02	EOC-PwDs, PGI, Saksham	115
Professor Ram Chand Paul National Symposium (Virtual) OnEmerging Chemical Sciences with Modern World	2022-03-11	2022-03-11	Department of Chemistry	125

### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

#### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Department of Chemistry	Dr Palani Natarajan	Seven Days FDP on How to develop Technology	Professional Development Programmes	Faculty Development Programme	National	HRDC PU	05/04/2022	11/04/2022	HRDC PU
2	Department of Chemistry	Shweta Rana	Research in Sciences: Novel tools and Methodologies	Professional Development Programmes	Faculty Development Programme	National	Chandigarh	03/08/2021	09/08/2021	UGC-HRDC Panjab University
3	Department of Chemistry	Dr.Savita Chaudhary	7 Day FDP Rethinking Dr. B.R. Ambedkar Multidimensional vision	other	Faculty Development Programme	National	Chandigarh	09/11/2021	15/11/2021	HRDC
4	Department of Chemistry	Dr. Navneet Kaur	Invited Talk	Professional Development Programmes	Academic and Research Event	University	Chandigarh	11/03/2022	11/03/2022	Dev Samaj College for Women, Chandigarh
5	Department of Chemistry	Dr. Navneet Kaur	Invited Talk	workshop	Academic and Research Event	University	Jalandhar	22/03/2022	22/03/2022	DAV College, Jalandhar
6	Department of Chemistry	Dr. Rohit Kumar Sharma	How to develop a technology	Professional Development Programmes	Faculty Development Programme	National	Panjab University, Chandigarh	05/04/2022	11/04/2022	Human Resource Development Centre, PU, Chandigarh

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
										under RUSA 2.0 grant
7	Department of Chemistry	Dr. Rohit Kumar Sharma	Invited Talk	Professional Development Programmes	Academic and Research Event	National	Timber Trail, Parwanoo , HP	13/03/2022	15/03/2022	Office of Principle scientific advisor to Govt. of India and IIT Ropar
8	Department of Chemistry	Dr. Rohit Kumar Sharma	RCPNS on Emerging chemical sciences with modern world	symposium	Academic and Research Event	National	Panjab University, Chandigarh	11/03/2022	11/03/2022	Department of Chemistry, PU, Chandigarh
9	Department of Chemistry	Dr Aman Bhalla	7 Days FDP on How to Develop a Technology	Professional Development Programmes	Faculty Development Programme	National	UGC-HRDC PU Chandigarh	05/04/2022	11/04/2022	UGC_HRDC PU
10	Department of Chemistry	Dr. Jyoti Agarwal	Seven Days FDP on How to develop Technology	Professional Development Programmes	Faculty Development Programme	National	Sector 25, Panjab University, Chandigarh	05/04/2022	11/04/2022	HRDC PU
11	Department of Chemistry	Dr. Jyoti Agarwal	X-Ray and Chromatographic based Techniques for Academic & Industrial Innovations	workshop	Academic and Research Event	National	Department of Chemistry and Central Instrumentation Lab (CIL), Panjab University	27/05/2022	03/06/2022	DEpartment of Chemistry and Central Instrumentation Lab (CIL), Panjab University
12	Department of Chemistry	Prof. Alok Srivastava	15 th Biennial DAE BRNS Symposium Nuclear and Radiochemistry (NUCAR-2021)	symposium	Academic and Research Event	International	BARC, Mumbai	22/02/2022	26/02/2022	BARC, Mumbai
13	Department of Chemistry	Prof. Alok Srivastava	BRNS-DAE Theme Meeting on Strategic Planning of Research Reactor Utilization	workshop	Academic and Research Event	National	BARC MUMBAI	06/05/2022	07/05/2022	Department of Atomic Energy
14	Department of Chemistry	Dr. Gurpreet Kaur	Science, Social Science and Humanities: A quest for interdisciplinary understanding	other	Faculty Development Programme	National	Chandigarh	06/08/2022	12/08/2022	Post graduate govt. College for Girls, Sector 11 and HRDC, PU
15	Department of Chemistry	Dr Ramesh Kataria	RCPNS on Emerging chemical sciences with modern world	symposium	Academic and Research Event	National	Panjab University Chandigarh	11/03/2022	11/03/2022	Department of Chemistry, PU Chandigarh
16	Department of Chemistry	Dr Ramesh Kataria	"INTELLECTION , INNOVATION AND IMPLICATION IN CHEMISTRY IIC02021"	conference	Academic and Research Event	International	Online	12/11/2022	13/11/2022	Department of Chemistry, DAV University Jalandhar
17	Department of Chemistry	Dr Ramesh Kataria	Sanitization programme regarding Persons with Disabilities (Divyanjjan)	seminar	Social Issues	Other	PGI Chandigarh	20/12/2022	20/12/2022	Department of Hospital Administration , PGI Chandigarh

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
18	Department of Chemistry	Dr Ramesh Kataria	Sanitization programme regarding Persons with Disabilities (Divyanjjan)	seminar	Social Issues	Other	PGI Chandigarh	29/03/2022	29/03/2022	Department of Hospital Administration, PGI Chandigarh
19	Department of Chemistry	Dr Ramesh Kataria	Rights of Persons with Disabilities: Emerging prospects and challenges	symposium	Orientation/Induction Programme	National	Punjabi University Patiala	25/04/2022	25/04/2022	Centre for the empowerment of Person with Disabilities, Punjabi University, Patiala
20	Department of Chemistry	Dr Ramesh Kataria	A Two Days International Conference (Virtual) " New trends in Chemical Research" (ICNTRC 2022)	conference	Academic and Research Event	International	Online	29/04/2022	30/04/2022	Department of Chemistry, SUS Govt. College Matak Majri, Karnal
21	Department of Chemistry	Dr Ramesh Kataria	Advanced Development in Chemistry and Allied Sciences-2021 (ADCAS-2021)	conference	Academic and Research Event	International	Online	16/12/2021	17/12/2021	Department of Chemistry, DCRUST, Murthal, Haryana
22	Department of Chemistry	Dr Ramesh Kataria	8th Asian Network for Natural & Unnatural Materials	conference	Academic and Research Event	International	Online	16/07/2021	16/07/2021	Nanyang Technological University, Singapore
23	Department of Chemistry	Dr Ramesh Kataria	International Conference (Virtual) on Recent Advancements in Chemical Sciences - 2021 [ICRACS-2021]	conference	Academic and Research Event	International	Online	14/07/2021	16/07/2021	Department of Chemistry, JC Bose University of Science and Technology, Faridabad, Haryana
24	Department of Chemistry	Dr. Navneet Kaur	RCP National Symposium	symposium	Academic and Research Event	National	Chemistry Department, PU, Chandigarh	11/03/2022	11/03/2022	Department of Chemistry, PU
25	Department of Chemistry	Dr. Navneet Kaur	Vigyan Sarvatra Pujyate	Professional Development Programmes	Academic and Research Event	National	PU, Chandigarh	22/02/2022	28/02/2022	PU Chandigarh & Punjab State Council for Science & Technology, Chandigarh
26	Department of Chemistry	Dr. Aman Bhalla	RC Paul National Symposium	symposium	Academic and Research Event	National	DEpartment of Chemistry	11/03/2022	11/03/2022	Department of chemistry, Panjab University, Chandigarh
27	Department of Chemistry	Dr. Jyoti Agarwal	ICFST 2021	conference	Training/Orientation	International	KIET group of institution Ghaziabad UP	13/08/2021	14/08/2021	department of applied science KIET group of institution Ghaziabad UP

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
28	Department of Chemistry	Dr. Jyoti Agarwal	Milestones of modern S&T during Vigyan Sarvatra pujiyate	Professional Development Programmes	Training/Orientation	National	PU chandigarh and PSCST chandigarh	22/02/2022	28/02/2022	PU chandigarh and PSCST
29	Department of Chemistry	Dr. Jyoti Agarwal	national science day	Professional Development Programmes	Training/Orientation	National	Department of chemistry PU chandigarh	03/03/2022	03/03/2022	chemical society department and Centre of Advanced studies in chemistry PU chandigarh
30	Department of Chemistry	Subhash Chandra Sahoo	FDP on Intellectual Property	Professional Development Programmes	Faculty Development Programme	National	Chandigarh	07/05/2022	13/05/2022	HRDC
31	Department of Chemistry	Deepak B. Salunke	FDP on Intellectual Property	Professional Development Programmes	Faculty Development Programme	National	Chandigarh	07/05/2022	13/05/2022	HRDC

### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
NIL					

### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
1	Department of Chemistry	Nil

#### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
1	Department of Chemistry	Memorandum of Understanding	Department of Chemistry Ludwig-Maximilians-Universität München (LMU), Munich,	Department of Chemistry Panjab University, Chandigarh, India	24/02/2020	24/02/2024	International

#### 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
1	Department of Chemistry	Utilizing the versatile platform of biomass derived nanocellulose based magnetic nanocomposites for the facilitative	DST	Dr Sonal Singhal, Dr Anupama Sharma	15/11/2019	National	Wastewater Remediation	DST	14/06/2022



SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
2	Department of Chemistry	removal of organic pollutants from wastewater Magnetic Organic Framework (MOF) loaded functionalized cellulose sponge as an ecological and versatile tool for environmental applications: A step towards biomass valorisation	DST International Division (Indo-Austria)	Dr Anupama Sharma, Dr Sonal Singhal	01/07/2020	International	-	DST International Division	30/06/2023
3	Department of Chemistry	Student Exchange	Department of pure and Applied Chemistry University of Strthclyde, Glasgow	Anjali student of Dr. Savita Chaudhary	09/03/2022	International	Research	Common wealth fellowship	09/03/2023
4	Department of Chemistry	Student Exchange	Department of pure and Applied Chemistry University of Strthclyde, Glasgow	Pooja Chauhan student of Dr. Savita Chaudhary	01/07/2021	International	Research	Common wealth fellowship	21/04/2022
5	Department of Chemistry	Research	Integrated Composites Laboratory (ICL), Department of Chemical and Bimolecular Engineering, University of Tennessee, Knoxville, TN 37996, USA	Dr. Savita Chaudhary	06/03/2022	International	Joint Research paper	Nil	06/06/2022
6	Department of Chemistry	Research	Department of Chemistry, College of Science and Arts, Najran University, Najran-11001, Kingdom of Saudi Arabia	Dr. Savita Chaudhary	09/03/2022	International	Joint research work	Nil	21/06/2022
5	Department of Chemistry	Research	Department of Materials Science, University of Patras, Patras, Greece	Dr. Savita Chaudhary	25/03/2022	International	Joint Research work	Nil	30/06/2022
8	Department of Chemistry	Research	Centre for Nanobiotechnology, Vellore Institute of Technology, Vellore 632014, India;	Dr. Savita Chaudhary	02/12/2021	National	Joint research work	Nil	03/01/2022

### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	69	0	69
Class rooms	7	0	7
Class rooms with Wifi/LAN facility	7	0	7
Class rooms with ICT facility (LCD/Projector)	6	0	6

Facilities	Existing	Newly Created/Added	Total
No. of Research Labs	18	0	18
No. of Computer labs	1	0	1
Video Centre	0	0	0
Seminar Halls with ICT facility	3	0	3
Seminar Halls	3	0	3
No. of important equipments purchased ( $\geq$ 10 lakh) during the current year.	19	0	19
Value of the equipment purchased during the year (Rs. in Lakhs)	0	735000	735000

#### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

#### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
National Science day	03/03/2022	03/03/2022

#### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

#### 7. Number of Patents Published/Awarded

SNo	Patent	Author	Date	Status	National/International	Patent Number/ Application Number
1	Formulation comprising metallocatanionic vesicles encapsulating photosensitizer dye	Gurpreet Kaur, Preeti Garg, Bunty Sharma, Kanika Berwal, Ganga Ram Chaudhary	08/02/2022	Granted	National	388712
2	Nano-functionalized natural fiber with improved photocatalytic and antimicrobial properties	Ganga Ram Chaudhary, Moondeep Chauhan, Bunty Sharma, Preeti Alagh, Gurpreet Kaur, Rajeev Kumar	27/08/2021	Published	National	202011003954
3	A Contaminant Purging System For A Vehicle	Rakesh Kumar Sharma, Ganga Ram Chaudhary, Varinder Garg, Harish Kumar, Amit Bahl, Rajesh Gupta	19/07/2021	Filed	National	202111032486

#### 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/International	Revenue Generated (INR)
1	Synthesis and Physicochemical characterization of derivatives of CBD	Khushwinder Kaur	Smart Edibles Company Inc:1200 Aerowood Dr Unit 47, Mississauga, ON, Canada	12/07/2021	International	896000

## COMPUTER SCIENCE & APPLICATIONS

### SUMMARY OF PUBLICATIONS

#### PUBLICATIONS

#### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Kavita Taneja (2022)	Data Science and Innovations for Intelligent Systems; Data Science and Innovations for Intelligent Systems: Computational Excellence and Society 5.0 (Demystifying Technologies for Computational Excellence); CRC Press Taylor and Francis Group	978-0367676278	International
Kavita Taneja (2022)	Evolutionary computational with intelligent system; Evolutionary computational with intelligent system:- A mutlidisciplinary approach to society 5.0; Taylor and Francis	978-1-003-15816-5	International
Kavita Taneja (2022)	Image Processing and Deep Learning Approach for Effective Information Extraction from Online English Newspapers; Evolutionary Computation with Intelligent System: A multi disciplinary approach to Society 5.0; Taylor and Francis	978-1-003-15816-5	International
Balwinder Kaur, Anu Gupta, R.K. Singla (2021)	Prediction Models for Accurate Data Analysis: Innovations in Data Science; Data Science and Innovations for Intelligent Systems; CRC Press	ISBN9781003132080	International
Malhotra, M., Chhabra, I (2022)	Student Invigilation Detection Using Deep Learning and Machine After Covid-19: A Review on Taxonomy and Future Challenges; Studies in Computational Intelligence; Elsevier	ISSN:1860-949X,E-ISSN:1860-950	International

#### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Anuj Sharma (2022)	A Review of Online Supervised Learning; Evolving Systems	1868-6478	Yes	Springer
Anuj Sharma (2022)	An alternate approach to solve two-level priority based assignment problem; Computational Optimization and Applications	0926-6003	Yes	Springer
Anil Kumar, Sonal Chawla (2022)	An Approach to Incorporate Textual Reviews in Book Recommender System; New Frontiers in Communication and Intelligent Systems	978-81-95502-00-4	Yes	SCRS, Delhi India
Dalal, N., Chhabra, I. (2021)	Clinical Decision Support System for Knee Injuries Treatment Using Multi-Agent System; International conference on Smart Innovation, Systems and Technologies	p 701–713	Yes	0
Rohini Sharma (2021)	Flow-based profile generation and network traffic detection for DNS anomalies using optimised entropy-	1747-8405	Yes	Inderscience

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
	based features selection and modified Holt Winter's method; International Journal of Security and Networks			
Manit Malhotra and Indu chhabra (2021)	Invigilation Using Computer Vision; International Conference on Integrated Intelligent Computing Communication & Security (ICIIC) Sep 2021	2589-4900	Yes	Springer Nature

#### DETAILS OF PUBLICATIONS

##### Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
Rohini Sharma (2021)	Anomaly Detection Systems Using IP Flows: A Review; Advances in Clean Energy Technologies	978-0-12-821221-9	Springer
Shabina Dhuria, Sonal Chawla (2022)	Collaborative approach towards Information Retrieval System to get relevant news articles over web: IRS_Web; Computational Intelligence and Data Analytics pp 461–474	978-981-19-3390-5	Springer

#### DETAILS OF PUBLICATIONS

##### Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### Summary of Research Publications July 1 ,2021 to June 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	Department of Computer Science & Applications	Peer Review Journals	6	0	0	6
2	Department of Computer Science & Applications	Conference Proceedings	2	0	0	2
3	Department of Computer Science & Applications	Edited Books	2	0	0	2
4	Department of Computer Science & Applications	Chapter in a book	4	0	0	4

#### RESEARCH SCHEMES

##### Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration(in years)	Principal Investigator and Research Team
NIL					

#### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT

##### Details of Seminars, Conferences, and Workshops organized during the Academic Year

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
One Day Workshop on “Copyrights and Related Rights”	2022-02-25	2022-02-25	DCSA	121

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Challenges in Entrepreneurship and Life Experiences	2022-03-22	2022-03-22	DCSA	50
Navigating the Job Market Landscape	2022-04-12	2022-04-12	DCSA	50

### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

#### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Department of Computer Science & Applications	Balwinder Kaur	12 days Induction Training of newly recruited PGT Computer Science	Professional Development Programmes	Training/Orientation	National	Navodaya Leadership Institute, Sector 25, Chandigarh	30/06/2022	30/06/2022	Navodaya Vidyalaya Samiti
2	Department of Computer Science & Applications	Balwinder Kaur	Machine Learning Techniques	workshop	Academic and Research Event	National	Chandigarh	04/02/2022	04/02/2022	Department of Computer Science & Applications, Panjab University, Chandigarh
3	Department of Computer Science & Applications	R. K. Singla	AICTE Training and Learning (ATAL) Academy	Professional Development Programmes	Training/Orientation	National	New Delhi	12/07/2021	16/07/2021	All India Council for Technical Education

### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	Department of Computer Science & Applications	Mohinder Kumar	An Enhanced Approach for Designing Secure And Usable Captcha in Hindi	2022-04-20	Manish Kumar
2	Department of Computer Science & Applications	Gagandeep Kaur	Generic Framework For Resource Managment In Cloud Computing	2022-04-27	Sonal Chawla, R.K.Singla
3	Department of Computer Science & Applications	Monika Kohli	segmentation of handwritten devanagari words into characters	2022-03-17	Satish Kumar
4	Department of Computer Science & Applications	Harmeet KAur	multi- modality medical image fusion for radiotherapy treatment planning	2022-11-30	Dr. Statish Kumar

**MISCELLANEOUS****Any other noteworthy achievement of the department during this Academic Year 2021 - 2022**

S.no	Department	Achievement
NIL		

**1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities**

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
NIL							

**2. Details of Collaborative activities**

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
NIL									

**3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022**

Facilities	Existing	Newly Created/Added	Total
Class rooms	5	0	5
Class rooms with ICT facility (LCD/Projector)	5	0	5
No. of Research Labs	1	0	1
No. of Computer labs	5	0	5
Total Number of Computers in the department	181	0	181
Video Centre	0	0	0
Seminar Halls with ICT facility	0	0	0
Seminar Halls	0	0	0
No. of important equipments purchased ( $\geq 10$ lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0
Class rooms with Wifi/LAN facility	5	0	5

**4. Details of Extracurricular Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

**5. Activities to celebrate / organize national and international commemorative days, events and festivals**

Title of Event	From Date	To Date
Bicycle Rally"	12/12/2021	12/12/2021
Poster designing competition	10/06/2022	10/06/2022

**6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

**7. Number of Patents Published/Awarded**

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
1	Reduce, Re-cycle and Reuse (RRR) IOT Intelligence Based Management System	Dr. Kavita Taneja, Dr. Dinesh Sheoran, Dr. Sapna Sinha, Dr. Harmunish Taneja, Mr. Navdeep Bohra, Ms. Ashish Kumari, Mr. Ajay Kumar and Ms. Sonali Mathur	24/08/2021	Granted	National	375180

**8. Revenue generated through consultancy**

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

**ENVIRONMENT STUDIES****SUMMARY OF PUBLICATIONS****PUBLICATIONS****DETAILS OF PUBLICATIONS****(Books/ Reference General/ Book Chapter/ Book Edited)**

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
NIL			

**DETAILS OF PUBLICATIONS****(Research Papers/ Review Article/ Editorial Article in Referred Journal)**

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Mahajan, P., Sharma, P., Singh, H.P., Rathee S., Sharma M., Batish DR., Kohli, R.K. (2021)	Amelioration potential of $\beta$ -pinene on Cr(VI)- induced toxicity on morphology, physiology and ultrastructure of maize; Environmental Science and Pollution Research	1614-7499	Yes	Springer
Madhuri Rishi (2022)	Appraising the factors favouring uranium mobilization and associated health risk assessment in groundwaters of north-western India; Ecotoxicology and Environmental Safety	0147-6513	Yes	Elsevier
Madhuri Rishi (2022)	Assessment of drinking water quality and non-carcinogenic health risk associated with the feed and treated water of water treatment devices (WTDs) in southwest Punjab, India; Toxin Reviews	1932-6203	Yes	Taylor & Francis
Madhuri Rishi (2022)	Assessment of Geodiversity of Parbati River Basin in North-Western Himalayan Region, India; Geocarto International	1010-6049	Yes	Taylor & Francis

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
S.Rathee, M. Ahmad, P.Sharma, H. P Singh, D. R Batish, S. Kaur, A.Kaur, S. S Yadav., Kohli, R.K. (2021)	Biomass allocation and phenotypic plasticity are key elements of successful invasion of <i>Parthenium hysterophorus</i> at high elevation; Environmental and Experimental Botany	0098-8472	Yes	Elsevier
Sharma, P., Ahmad, M., Rathee, Singh HP, Batish D.R Kohli, R.K. (2021)	Bridging the gap: linking morpho-functional traits' plasticity with hyperaccumulation; Environmental Monitoring and Assessment	1573-2959	Yes	Springer
Suman Mor (2022)	COVID-19 pandemic and sudden rise in crop residue burning in India: issues and prospects for sustainable crop residue management; Environmental Science and Pollution Research	1614-7499	Yes	Elsevier
Suman Mor (2022)	COVID-19 pandemic: What can we learn for better air quality and human health?; Journal of Infection and Public Health	1876-0341	Yes	Elsevier
Masood F, Pandey R, Singh HP, Gupta AS, Kaur S, Batish DR., Kohli, R.K. (2021)	Cytotoxic and genotoxic assessment of agricultural soils from an industrial region; Environmental Monitoring and Assessment	1573-2959	Yes	Elsevier
Suman Mor (2022)	Distribution of heavy metals in surface soil near a coal power production unit: potential risk to ecology and human health; Environmental Monitoring and Assessment	1573-2959	Yes	Elsevier
Suman Mor (2022)	Evaluation of groundwater for drinking and irrigation applications concerning physicochemical and ionic parameters through multiple indexing approach: a case study around the industrial zone, Punjab, India; Environmental Geochemistry and Health	1573-2983	Yes	Springer
I Maan, A Kaur, H P. Singh, D R. Batish., Kohli, R.K. (2021)	Exotic Avenue Plantations Turning Foe: Invasive Potential, Distribution and Impact of <i>Broussonetia papyrifera</i> in Chandigarh, India; Urban Forestry & Urban Greening	1618-8667	Yes	Elsevier
Avtar Singh, Ajeet Kaushik, Jaspreet S. Dhau, Rajeev Kumar (2022)	Exploring coordination preferences and biological applications of pyridyl- based organochalcogen (Se, Te) ligands; Coordination Chemistry Reviews	0010-8545	Yes	Elsevier
Suman Mor (2022)	Heavy metal pollution assessment of groundwater and associated health risks around coal thermal power plant, Punjab, India; International Journal of Environmental Science and Technology	1735-2630	Yes	Springer
Madhuri Rishi (2022)	Hydrogeochemical characterization, multi-exposure deterministic and probabilistic health hazard evaluation in groundwater in parts of Northern India; Toxin Reviews	1932-6203	Yes	Taylor & Francis



Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Suman Mor (2022)	Influence of meteorological parameters and air pollutants on the airborne pollen of city Chandigarh, India; Science of The Total Environment	0048-9697	Yes	Elsevier
R. Pandey, P.Sharma, S. Rathee, H. P. Singh, D. R. Batish, B. Krishnamurthy, Kohli, R.K. (2021)	Isolation and characterization of a novel hydrocarbonoclastic and biosurfactant producing bacterial strain: <i>Fictibacillus phosphorivorans</i> RP3; Reviews in Environmental Science and Biotechnology	1572-9826	Yes	Springer Nature
Suman Mor (2022)	Long term assessment of firework emissions and air quality during Diwali festival and impact of 2020 fireworks ban on air quality over the states of Indo Gangetic Plains airshed in India; Atmospheric Environment	1352-2310	Yes	Elsevier
Madhuri Rishi (2022)	Multi-parametric analysis of groundwater quality to assess human health risk and hydrogeochemical processes in an agriculturally intensive alluvial aquifer of Northwest India; International Journal of Environmental Analytical Chemistry	1029-0397	Yes	Taylor & Francis
Lal R., Kaur A., Kaur S., Batish D.R., Singh H.P., Sharma M., Kohli, R.K. (2021)	Nature of phytotoxic interference of alien weed 'Calypocarpus vialis' against some crop plants; Environmental Monitoring and Assessment	1573-2959	Yes	Elsevier
M. Ahmad, P. Sharma, Sonia Rathee, HP Singh, DR Batish, GR Lone, S Kaur, V, Jaryan,, Kohli, R.K. (2021)	Niche width analyses facilitate identification of high-risk endemic species at high altitudes in western Himalayas; Ecological Indicators	1470-160X	Yes	Elsevier
Suman Mor (2022)	Occupational exposure to airborne pollen and associated health risks among gardeners: a perception-based survey; Environmental Science and Pollution Research	1614-7499	Yes	Springer
Kaur A, Kaur S, Jandrotia R, Singh HP, Batish DR, Rana VS, Shakil NA,, Kohli, R.K. (2021)	Parthenin—A Sesquiterpene Lactone with Multifaceted Biological Activities: Insights and Prospects; Molecules	1420-3049	Yes	MDPI
Suman Mor (2022)	Pollen allergy: Developing multi-sectorial strategies for its prevention and control in lower and middle-income countries; International Journal of Hygiene and Environmental Health	1438-4639	Yes	Elsevier
Suman Mor (2022)	Preventable mortality attributable to exposure to air pollution at the rural district of Punjab, India; Environmental Science and Pollution Research	1614-7499	Yes	Springer
Kaur G., Sharma P., Rathee S., Singh H.P., Batish D.R., Kohli, R.K. (2021)	Salicylic acid pre-treatment modulates Pb <sup>2+</sup> -induced DNA damage vis-à-vis oxidative stress	1614-7499	Yes	Springer

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
	in Allium cepa roots; Environmental Science and Pollution Research			
Suman Mor (2022)	Seasonal variations in carbonaceous species of PM2.5 aerosols at an urban location situated in Indo-Gangetic Plain and its relationship with transport pathways, including the potential sources; Journal of Environmental Management	0301-4797	Yes	Elsevier
S. Kaur, A. Vian, S. Chandel, H. P. Singh, D. R. Batish, Kohli, R.K. (2021)	Sensitivity of plants to high frequency electromagnetic radiation: cellular mechanisms and morphological changes	14.284	Yes	Springer Nature
Suman Mor (2022)	Spatially resolved hourly traffic emission over megacity Delhi using advanced traffic flow data; Earth System Science Data	1866-3516	Yes	Copernicus Publications
Nikita Dhiman, Savita Chaudhary, Avtar Singh, Archana Chauhan, Rajeev Kumar (2022)	Sustainable degradation of pharmaceutical waste using different fungal stains: Enzyme induction, kinetics and isotherm studies.; Environment Technology and Innovation	2352-1864	Yes	Elsevier

#### DETAILS OF PUBLICATIONS

##### Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### DETAILS OF PUBLICATIONS

##### Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### Summary of Research Publications July 1, 2021 to June 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	Department of Environment Studies	Peer Review Journals	30	0	0	30

#### RESEARCH SCHEMES

##### Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration (in years)	Principal Investigator and Research Team
Ministry of Environment forest Climate Change	Research	19121520	6373840	Others	2021 - 2024	Dr Suman Mor
NIL	NIL	0	0	Others	2021 - 2024	NIL
Healthcare without Harm	NA	1242000	1242000	Major	2019 - Till Date	Dr Ravindra Khaiwal
DST, Chandigarh	NA	150000	150000	Major	2017 - Till Date	Dr Suman Mor

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration (in years)	Principal Investigator and Research Team
Healthcare without Harm, USA	NA	2247000	2247000	Major	2019 - Till Date	Dr Suman Mor

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT**  
**Details of Seminars, Conferences, and Workshops organized during the Academic Year**

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Reshaping pharmaceutical education and research for next generation prospects and challenges	2022-02-14	2022-08-19	Dr. R.K. Narang	40

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY**

**3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022**

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Department of Environment Studies	Dr. Suman Mor	Walking with River Sarasvati-Recent Historical Cultural and Scientific findings	conference	Others	International	Blended mode	04/02/2022	04/02/2022	Department of History, Panjab university and Haryana Saraswati Heritage Development Board

**Ph.D. Awards**

**Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022**

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
-	-	-	-	-	-

**MISCELLANEOUS**

**Any other noteworthy achievement of the department during this Academic Year 2021 - 2022**

S.no	Department	Achievement
-	-	-

**1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities**

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
1	Department of Environment Studies	Panjab University as the IoR to function as a technical partner and provide technical assistance to the ULB and PCC	Chandigarh Pollution Control Committee and Municipal Corporation, Chandigarh	Department of Environment Studies, Panjab University	26/03/2021	31/03/2024	National

## 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
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NIL

## 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	2	0	2
Class rooms	2	0	2
Class rooms with Wifi/LAN facility	2	0	2
Class rooms with ICT facility (LCD/Projector)	2	0	2
No. of Research Labs	1	0	1
No. of Computer labs	1	0	1

## 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
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NIL

## 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
Global Hand Washing Day	15/10/2021	15/10/2021
National Pollution Control Day	02/12/2021	02/12/2021
Eco Calenders	01/01/2022	01/01/2022
Watershed Mangement Programme Leading to better livelihood of People in the Rural Areas	30/01/2022	30/01/2022
Science Communication Challenges and Prospectus	04/03/2022	04/03/2022
International Women Day	08/03/2022	08/03/2022
Eco-Friendly Holi	16/03/2022	16/03/2022
World Sparrow Day	20/03/2022	20/03/2022
World Forestry Day	21/03/2022	21/03/2022
World Water Day, 2022	22/03/2022	22/03/2022
Waste Reduction	22/03/2022	22/03/2022
World Migratory Bird Day	23/03/2022	23/03/2022
World migratory Bird DAY	23/03/2022	23/03/2022
World Health Day	07/04/2022	07/04/2022
Green Verdict 2022	08/04/2022	08/04/2022
Jogging with plogging	09/04/2022	09/04/2022
Vaisakhi Day	13/04/2022	13/04/2022
Waste Segregation	16/04/2022	16/04/2022
World Earth Day	22/04/2022	22/04/2022

	<b>Title of Event</b>	<b>From Date</b>	<b>To Date</b>
	Arbor Day	29/04/2022	29/04/2022
	World Asthma Day	03/05/2022	03/05/2022
	World Environment Day	05/06/2022	05/06/2022
	international Yoga Day, 2022	21/06/2022	21/06/2022
	Single use Plastic	24/06/2022	24/06/2022

#### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

<b>Title</b>	<b>No. of participants (Students and Staff)</b>	<b>Venue</b>	<b>From Date</b>	<b>To Date</b>
NIL				

#### 7. Number of Patents Published/Awarded

<b>SNo</b>	<b>Patent</b>	<b>Author</b>	<b>Date</b>	<b>Status</b>	<b>National/ International</b>	<b>Patent Number/ Application Number</b>
1	Nano-Functionalized natural fiber with improved photocatalytic and antimicrobial properties.	Rajeev Kumar	27/08/2021	Published	National	35/2021

#### 8. Revenue generated through consultancy

<b>SNo</b>	<b>Name of Consultancy Project</b>	<b>Name of the Consultant</b>	<b>Consulting/Sponsoring Agency</b>	<b>Project Date</b>	<b>National/ International</b>	<b>Revenue Generated (INR)</b>
NIL						

## GEOLOGY

### SUMMARY OF PUBLICATIONS

#### PUBLICATIONS

#### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISBN Number</b>	<b>State/ National/ International</b>
Garry Singla, Sajid Ali, Birendra P Singh, Om N Bhargava, Scott Morrison, Ramanpreet Kaur (2022)	Geochemical evidence for the provenance, tectonic settings and depositional environment during the Cambrian Series 2-Wuliuan (Miaolingian) from the Kunzham La Formation in the Sumna Valley, Spiti, NW Himalaya; Indian Academy of Sciences; Springer	02534142, 09737685	International
Thakur, M., Kumar P and Singh T.N. (2022)	Qualitative Stability Assessment of Road Cut Slopes along NH 58 in Lower Garhwal Himalaya, Uttarakhand.; Landslides; Pratyush Publications	978-93-82171-31-7	National

#### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISSN Number</b>	<b>Peer Reviewed (Y/N)</b>	<b>Publisher</b>
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Ningthoujam Premjit Singh, Nongmaithem Amardas Singh, K Milankumar Sharma, Rajeev Patnaik, Yumlebam (2021)	A colubrid snake from the late Miocene of Kutch, Gujarat, India. 2021; Journal of the Palaeontological Society of India	0552-9360	Yes	Palaeontological Society of India
Wasim Abass Wazir, Ramesh Kumar Sehgal, Andrej Čerňanský, Rajeev Patnaik, Navin Kumar, Abhishek Prat (2022)	A find from the Ladakh Himalaya reveals a survival of madtsoiid snakes (Serpentes, Madtsoiidae) in India till the late Oligocene; Tandfonline	0272-463	Yes	Journal of Vertebrate Paleontology
Ramesh Kumar Sehgal, Abhishek Pratap Singh, Christopher C. Gilbert, Biren A. Patel, Christopher J. C (2022)	A new treeshrew and other micromammals from the middle Miocene hominoid locality of Ramnagar, Udhampur Ddistrict, Jammu and Kashmir, India; Cambridge	0022-3360	Yes	Cambridge, Journal of Palaeon
Ningthoujam Premjit Singh, Rajeev Patnaik, Andrej Čerňanský, K Milankumar Sharma, Nongmaithem Amarda (2022)	A new window to the fossil herpetofauna of India: amphibians and snakes from the Miocene localities of Kutch (Gujarat); Palaeobiodiversity and Palaeoenvironments	1867-1594	Yes	Springer
Ajay Kumar, Mohamedharoon A. Shaikh, Sarabjeet Singh, Tejpal Singh, Soumyajit Mukherjee (2022)	Active morphogenic faulting and paleostress analyses from the central Nahan Salient, NW Siwalik Himalaya; International Journal of Earth Sciences	1437-3254	Yes	Springer
Sahni, A. and R. Patnaik (2022)	An Eocene Greenhouse Forested India: Biotic Radiations Triggered by Early Palaeogene Thermal Events; Journal of Geological Society of India	00167622	Yes	Geological Society of India
Parampreet Kaur, Armin Zeh, Naveen Chaudhri (2021)	Archean to Proterozoic (3535–900 Ma) crustal evolution of the central Aravalli Banded Gneissic Complex, NW India: New constraints from zircon U-Pb-Hf isotopes and geochemistry; Precambrian Research	0301-9268	Yes	Elsevier
Paikaray S., Peiffer S. (2022)	Arsenic fractionation and mobilization in agricultural soils of NE Punjab, India; Applied Geochemistry	9780128194959	Yes	Elsevier
Jaideep K. Tiwana   Parampreet Kaur   Naveen Chaudhri (2022)	Association of A- and I-type granitoids in the central Aravalli orogen, Rajasthan: Implications for the Neoproterozoic tectonic evolution of north-west India, Geological Journal; Geological Journal	1613-6810	Yes	Wiley
Sachin Kania, Ashu Khosla, Omkar Verma, Manthena Prashanth (2022) (2022)	Charophyte assemblage in the Cretaceous–Palaeogene boundary from Chhindwara District (Madhya Pradesh), Central India; Himalayan Geology	0971-8966	Yes	Himalayan Geology
Ashu Khosla, Sachin Kania, Spencer G. Lucas,	Charophytes from the Cretaceous–Palaeogene transition in the Jhilmili	1097-0037 ... 493334	Yes	WILEY

Omkar Verma (2022) (2022)	intertrappean beds of Central India; WILEY			
Monika, Govil, H., Thakur, M., (2022)	Contribution of L band SAR data for identification of buried/paleochannels in Jaisalmer region of Rajasthan, India; Advances in Space Research	0273-1177	Yes	Elsevier
Prasad, G.V.R., Verma, O., Sahni, A. and Khosla, A (2021)	Cretaceous mammals of India– Stratigraphic distribution, diversity and intercontinental affinities; Journal of Palaeosciences	0031-0174	Yes	Journal of Palaeoscienc es
Parampreet Kaur, Armin Zeh, Naveen Chaudhri, Prabhakar Dutta (2022)	Detrital zircon U-Pb-Hf isotope record of conglomerates in the southern Aravalli orogen, NW India: Implications for stratigraphy, provenance and Archean to Paleoproterozoic crustal evolution; Precambrian Research	0301-9268	No	Elsevier
Khosla, A. and Bajpai (2021)	Dinosaur fossil records from India and their palaeobiogeographic implications: an overview. Journal of Palaeosciences; Journal of Palaeosciences,	0031-0174	Yes	Journal of Palaeoscienc es,
Khosla Ashu, and Lucas S.G. (2021)	End-Cretaceous Extinctions; Encyclopedia of Geology	0346-251X	Yes	Elsevier
Paikaray S. (2021)	Environmental Stability of Schwertmannite: A Review; Mine Water & the Environment	10259112	Yes	Springer
W.A. Wazir, F. Cailleux, R.K. Sehgal, R. Patnaik, N. Kumar, L.W. van den Hoek Ostende (2022)	First Record of Insectivore from the late Oligocene, Kargil Formation (Ladakh Molasse Group), Ladakh Himalayas; Journal of Asian Earth Sciences: X	25900560	Yes	Elsiver
Patnaik, R (2022)	Fossil primate teeth as archive for high resolution ontogenic, dietary and palaeoclimate record; Journal of Geological Society of India	00167622	Yes	Geological Society of India
Debabrata Das (2022)	Geochemical and health risk assessment of potentially toxic trace elements and nitrate via groundwater in agro-ecosystem of alluvial plain Punjab, India; Human and Ecological Risk Assessment: An International Journal	1549-7860	Yes	Taylor & Francis
Dr. Paikary S., Chander S. (2022)	Geochemical variations in uranium and fluoride enriched saline groundwater around a semi-arid region of SW Punjab, India; Applied Geochemistry	9780128194959	Yes	Elsevier
Dr. Gurmeet Kaur (2022)	Geodiversity, Geoheritage and Geoconservation: A Global Perspective; Journal of Geological Society of India	00167622, 09746889	Yes	Springer
Prof. Ashu Khosla (2022)	Geographic information system-based groundwater quality assessment for drinking and irrigation purposes in	09441344, 16147499	Yes	Springer Science +

	transboundary aquifers of River Ravi, India; Environmental Science and Pollution Research			Business Media
Prof. Ashu Khosla (2022)	Geological education scenario in India and role of open educational resources in the light of COVID-19 pandemic; Earth Sciences Research Journal	ISSN 1794-6190 e-ISSN 2339-3459	Yes	Universidad Nacional de Colombia
Dhiman, R.K., Thakur, M. (2022)	Graphical charts for onsite Continuous Slope Mass Rating (CoSMR) classification using strike parallelism and joint dip or plunge of intersection; Engineering Geology	0013-7952	Yes	Elsevier
Gurmeet Kaur (2021)	Heritage Stone Subcommittee: An IUGS Subcommittee of the International Commission on Geoheritage; Jour. Geol. Soc. India	00167622	Yes	Jour. Geol. Soc. India
Beena Kouser, Anjali Bala, Omkar Verma, Manthena Prashanth, Ashu Khosla, Rayees Ahmad Pir (2022) (2022)	Hydrochemistry for the assessment of groundwater quality in the Kathua region, Jammu and Kashmir, India; Applied Water Science	2190-5495	Yes	Springer
Ashima Awasthi, Madhuri S. Rishi and Ashu Khosla (2021)	Hydrogeochemical Characterisation of Groundwater in Transboundary Aquifers of Gurdaspur District, Punjab, India; Journal of Indian Association for Environmental Management	2582-4228	Yes	in/index/php/JIAEM/index e-ISSN
Ashima Awasthi, Madhuri S. Rishi, and Ashu Khosla (2021)	Importance of Regulating Transboundary Aquifers in the World with Special Reference to Indian Subcontinent: A Review; Springer Book: Water, Cryosphere, and Climate Change in the Himalayas, A Geospatial Approach (pp.187-202)	1588-2780	Yes	Springer
Ankita Singla, Rajeev Patnaik, Ningthoujam Premjit Singh, K. Milankumar Sharma & Ashok Sahni (2022)	Incisor enamel microstructure of some Neogene murid rodents of India: taxonomic, evolutionary and biomechanical implications.; Journal of the Palaeontological Society of India	0552-9360	Yes	Palaeontological Society of India
Shinjana Sen, Parminder Kaur, Jaspreet Saini, Gurmeet Kaur & Meenal Mishra (2021)	Kaimur Sandstone of Vindhyan Supergroup: a Prevalent Prehistoric and Ancient Monumental Heritage Stone from Son Valley of Central India; Geohertiage	1867-2485	Yes	Geohertiage
Made Jan van der, Deepak choudhary, Ningthoujam Premjit Singh, K. Milankumar Sharma, Nongmaithem Ama (2022)	Listriodon dukkar sp. nov. (suidae, artiodactyla, mammalia) from the late Miocene of Pasuda (Gujarat, India) and the simultaneous extinctions of the listriodontinae in three continents.; Springer, Palz	0031-0220	Yes	Springer
Jaspreet Saini, Parminder Kaur, Roger H. Mitchell and Gurmeet Kaur (2022)	Mineralogy of the Marepalli lamproite dyke from the Nalgonda district,	978110893289	Yes	Published online by Cambridge



	Telangana, Southern India; Mineralogical Magazine			University Press
Sarabjeet Singh, Tejpal Singh, Seema Singh, A.K. Awasthi (2022)	Morphometric Characterization and Tectonic Geomorphology of the Upper Beas basin, Himachal Himalaya, India; Himalayan Geology	0971-8966	Yes	Wadia Institute of Himalayan Geology Dehradun
Mennecart, B. Wasim A. Wazir, Ramesh K. Sehgal, Rajeev Patnaik, Ningthoujam P. Singh, Navin Kumar & A (2022)	New remains of Nalamaeryx (Tragulidae, Mammalia) from the Ladakh Himalaya and their phylogenetical and palaeoenvironmental implications; Historical Biology, Tandfonline	1029-2381	Yes	Tandfonline
Debabrata Das (2022)	Occurrence and behaviour of uranium in the groundwater and potential health risk associated in semi-arid region of Punjab, India; Groundwater for Sustainable Development	2352801X	Yes	Elsevier BV
Bhart Singh Seema Singh Uday Bhan (2021)	Oceanic anoxic events in the Earth's geological history and signature of such event in the Paleocene-Eocene Himalayan foreland basin sediment records of NW Himalaya, India; Arabian Journal of Geosciences	1866-7538	Yes	Springer
Sanchit Garg, Pradeep A., P S. Ranawat, Parminder Kaur, Amritpaul S. Jaspreet Saini, Gurmeet Kaur (2021)	Rajnagar Marble: a Prominent Heritage Stone from Rajasthan, NW India; Geoheritage	18672477	Yes	Geoheritage
Seema Singh, A.K. Awasthi, Yuvika Khanna, Anjali Kumari, Bhart Singh, Ajay Kumar (2022)	Sediment colour as recorder of climate and tectonics: Cenozoic continental red beds of the Himalayan foreland basin in NW India; Catena	0526645350	Yes	Elsevier
Jai Parkash, Mahesh Thakur, T.N. Singh, Virender Singh negi (2022)	Slope Stability Analysis along National Highway-05 (from Karchham Dam to Akpa), Kinnaur District, Himachal Pradesh, India; Himalayan Geology	0971-8966	Yes	Wadia Institute of Himalayan Geology, Dehradun
Kumar, P., Thakur, M., (2022)	Slope stability analysis of road cut slopes along NH-58 in Alaknanda Valley from Dhari Devi to Rudraprayag, Uttarakhand, India; Journal of Earth System Science	0973-774X	Yes	Springer
Jugraj Singh, Mahesh Thakur, Gurwinder Singh Abhaypal, Naval Kishore (2022)	Slope stability analysis of Strawberry Hill Landslide and adjoining slopes along National Highway-5, Shimla, Northwestern Himalaya, India; Arabian Journal of Geosciences	18667538	Yes	Springer
Singh, J., Thakur, M., Abhaypal, G.S., Naval, K., (2022)	Slope stability analysis of Strawberry Hill Landslide and adjoining slopes along National Highway-5, Shimla,	1866-7538	Yes	Springer

Shuhai Xiao, Ganqing Jiang, Qin Ye, Qing Ouyang, Dhiraj M. Banerjee, Birendra P. Singh, A. D. (2022)	Northwestern Himalaya, India.; Arabian Journal of Geosciences Systematic paleontology, acritarch biostratigraphy, and $\delta^{13}C$ chemostratigraphy of the early Ediacaran Krol A Formation, Lesser Himalaya, northern India; Journal of Palaeontology	0022-3360	Yes	Palaeontological Society
O.N. Bhargava, Birendra P. Singh (2022)	The Cambrian in the Lesser Himalaya; Himalayan Geology	0971-8966	Yes	Himalayan Geology
Parray, Khursheed A., Jukar, Advait M., Paul, Abdul Quayoom, Ahmad, Ishfaq, Patnaik, Rajeev (2022)	The first record of a gomphothere (Mammalia, Proboscidea) from the Quaternary of the Kashmir Valley, India; John Wiley and Sons Ltd	20562802	Yes	Papers in Palaeontology, John Wiley and Sons Ltd
Andrej Čerňanský, Ningthoujam Premjit Singh, Rajeev Patnaik, K Milankumar Sharma, Ramesh Kumar Se (2022)	The Miocene fossil lizards from Kutch (Gujarat), India: a rare window to the past diversity of this subcontinent; Paleontological Society	0022-3360	Yes	Journal of Paleontology Paleontological Society
Debabrata Das (2022)	Vertical distribution and radiological risk assessment of natural radionuclides in the alluvial soil profile of south-west Punjab, India; Journal of Radioanalytical and Nuclear Chemistry	1588-2780	Yes	Springer
Debabrata Das (2022)	Water Quality Implications of the neutralization of acid mine drainage with coal fly ash from India and the United States; Fuel	0016-2361	No	Elsevier

#### DETAILS OF PUBLICATIONS

##### Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### DETAILS OF PUBLICATIONS

##### Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
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#### Summary of Research Publications July 1 ,2021 to June 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	Department of Geology	Peer Review Journals	39	9	0	48
2	Department of Geology	Non Peer Review Journals	2	0	0	2
3	Department of Geology	Book with ISBN	1	1	0	2

## RESEARCH SCHEMES

### Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
MHRD	Subsistence & symbolism in prehistoric India: Understanding environmental contexts in relation to Homo sapiens dispersals and adaptations	9939000	4110000	Major	2019 - 2023	Parth Chauhan
MoES	“Active Fault, Paleoseismic and crustal deformation in NW and Central Himalaya, India: An integrated approach towards Seismic Hazard Assessment”	9200000	630000	Major	2015 - 2021	Mahesh Thakur
SERB	High Risk High Reward	5243960	1975000	Major	2019 - 2022	Rajeev Patnaik
NSF	Collaborative project	16800000	100	Interdisciplinary Projects	2020 - 2023	Chris Gilbert
UNESCO IGCP	IGCP-637	520000	520000	Interdisciplinary Projects	2020 - Till Date	Paola Marini
IGC	36th IGC	300000	300000	Minor	2019 - Till Date	Gurmeet Kaur
IGC	36th IGC	251000	251000	Minor	2019 - Till Date	Gurmeet Kaur
Mahesh Thakur	NRDMS Division, DST	5672308	4303588	Major	2020 - Till Date	Mahesh Thakur
CSIR	Sponsored Research Scheme	900000	292864	Major	2021 - 2024	Birendra P. Singh
MoC	Industrial	36138000	19500000	Major	2020 - 2022	Debabrata Das

## SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT

### Details of Seminars, Conferences, and Workshops organized during the Academic Year

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
International Fossil Day	2021-10-21	2021-10-21	Prof. Rajeev Patnaik	162
Relvence of Museum in the Digital Age	2021-07-15	2021-07-15	Panjab Univesity Chandigarh	100
75 Years of India’s Independence “Bharat ka Amrut Mahotsav” Organising online Lecture on “Problems and challenges associated with Mine Hydrogeology”	2021-10-01	2021-10-01	Dr. Rambabu Singh Manager (Geology) , CMPDIL, Coal India Limited	50
Special Lecture on “Problems and challenges associated with Mine Hydrogeology”	2021-10-01	2021-10-01	Dr. Debabrata Das	36

## SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S.n o	Departmen t of	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Department of Geology	Gurmeet Kaur	2nd International Workshop on Heritage Stones	workshop	Academic and Research Event	International	Turin, Italy	05/10/2021	07/10/2021	Politecnico di Torino, Università degli Studi di Torino, ANIM Associazione Nazionale Ingegneri Minerari.
2	Department of Geology	Mahesh Thakur	International Training Course On Mountain Geo-Hazard Assessment And Management (mgam-2022)	workshop	Training/Orientation	International	DGRE, Manali, Himachal Pradesh	21/03/2022	25/03/2022	DGRE Chandigarh
3	Department of Geology	Dr. Mahesh Thakur	Training cum RSO certification course for Research , Radiotracer, and column Scanning Applications of Ionizing Radiation	Professional Development Programs	Training/Orientation	National	Mumbai	13/12/2021	22/12/2021	Bhabha Atomic Research Centre Mumbai
4	Department of Geology	Dr. Mahesh Thakur	“National Workshop on Chronological Systematics and their applications in Earth sciences”	workshop	Academic and Research Event	National	Online	19/04/2022	21/04/2022	Geochronology Group, IUAC, New Delhi
5	Department of Geology	Debabrata Das	UGC FDP	Professional Development Programs	Faculty Development Programme	National	CHANDIGARH	06/07/2021	12/07/2021	UGC - HRDC-PANJAB UNIVERSITY CHANDIGARH
6	Department of Geology	Debabrata Das	UGC FDP	Professional Development Programs	Faculty Development Programme	National	Chandigarh	03/08/2021	09/08/2021	UGC- HRDC- Panjab University Chandigarh
7	Department of Geology	Debabrata Das	The World of Coal Ash (WOCA) 2022	conference	Academic and Research Event	International	Covington, USA	16/05/2022	19/05/2022	Center for Applied Energy Research (CAER), University of Kentucky and the American Coal Ash Association (ACAA).

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
8	Department of Geology	Susanta Paikarary	Search, Research and Publication Ethics	Professional Development Programme	Faculty Development Programme	National	CHANDIGARH	06/07/2021	12/07/2021	UGC-Human Resource Development Centre Panjab University, Chandigarh
9	Department of Geology	Susanta Paikaray	Rethinking Dr. B.R. Ambedkar's Multidimensional Vision	Professional Development Programme	Faculty Development Programme	National	CHANDIGARH	09/11/2021	15/11/2021	UGC-Human Resource Development Centre Panjab University, Chandigarh
10	Department of Geology	Susanta Paikaray	Guru Dakshyata	other	Refresher Course	National	Delhi	05/08/2021	08/09/2021	CPDHE Delhi University
11	Department of Geology	Susanta Paikaray	Distribution of arsenic in Sutlej River water and sediments, eastern Punjab, India: Monsoonal role	conference	Academic and Research Event	International	Switzerland	01/07/2021	09/07/2022	Goldschmidt
12	Department of Geology	Susanta Paikaray	Trace metal distribution in groundwater and surface soils of Fazilka district, SW Punjab, India	conference	Academic and Research Event	International	Switzerland	01/07/2021	09/07/2021	Goldsmith
13	Department of Geology	Dr. Gurmeet Kaur	Delivered the online lecture entitled 'Geodiversity, Geoheritage, and Geoconservation: Global and Indian Perspective'	webinar	Academic and Research Event	National	Department of Geology, PUI	21/02/2022	21/02/2022	Co-ordinator, HRDC, SPPU
14	Department of Geology	Prof. Ashu Khosla	Walking with River Sarasvati - Recent Historical Cultural and Scientific Findings	conference	Academic and Research Event	International	Geology Department	04/02/2022	04/02/2022	Haryana Sarasvati Heritage Development Board
15	Department of Geology	Dr. Debabrata Das	Mobilization of Uranium in the Alluvial Plains of Punjab, India: Release from Sediment to Groundwater	conference	Academic and Research Event	National	Panjab University	04/07/2021	09/07/2021	Goldschmidt
16	Department of Geology	Dr. Debabrata Das	Research in Sciences : Novel tools and Methodologies	other	Others	University	Chandigarh	03/08/2021	09/08/2021	Sri Guru Gobind Singh College, Sector 26, Chandigarh

**Ph.D. Awards****Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022**

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
NIL					

**MISCELLANEOUS****Any other noteworthy achievement of the department during this Academic Year 2021 - 2022**

S.no	Department	Achievement
NIL		

**1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities**

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
1	Department of Geology	Sponsored Research Agreement between Duke University, North Carolina, USA & Panjab University, Chandigarh, INDIA	Duke University, North Carolina, USA & Panjab University, Chandigarh, INDIA	Division of Earth and Ocean Sciences	29/09/2021	31/05/2023	International

**2. Details of Collaborative activities**

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
NIL									

**3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022**

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	40	0	40
No. of important equipments purchased ( $\geq$ 10 lakh) during the current year.	3	2	5
Value of the equipment purchased during the year (Rs. in Lakhs)	1836000	10128500	11964500
Class rooms	4	0	4
Class rooms with ICT facility (LCD/Projector)	4	0	4
No. of Research Labs	12	1	13
No. of Computer labs	1	0	1
Video Centre	1	0	1
Seminar Halls with ICT facility	1	0	1
Seminar Halls	1	0	1
Class rooms with Wifi/LAN facility	4	0	4

**4. Details of Extracurricular Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

**5. Activities to celebrate / organize national and international commemorative days, events and festivals**

Title of Event	From Date	To Date
75 Years of India's Independence "Bharat ka Amrut Mahotsav" Organising online Lecture on "Problems and challenges associated with Mine Hydrogeology"	01/10/2021	01/10/2021
Satya Grah	02/10/2021	02/10/2021
International Fossil Day	21/10/2021	21/10/2021
Deepawali	04/11/2021	04/11/2021
Childrens Day	14/11/2021	14/11/2021
Anti Drug E Pledge	03/02/2022	03/02/2022
Holi Celebration	18/03/2022	18/03/2022

**6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

**7. Number of Patents Published/Awarded**

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

**8. Revenue generated through consultancy**

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

**FORENSIC SCIENCE & CRIMINOLOGY****SUMMARY OF PUBLICATIONS****PUBLICATIONS****DETAILS OF PUBLICATIONS****(Books/ Reference General/ Book Chapter/ Book Edited)**

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Jagdish Rai (2022)	उद्विकास-वाद और वैज्ञानिक जीवन-दर्शन; उद्विकास-वाद और वैज्ञानिक जीवन-दर्शन; Notion Press	9798887339566	International
Shweta Sharma (2022)	Biomedical Translational Research Drug Design and Discovery; Nanoparticles: A Potential Breakthrough in Counteracting Multidrug-Resistant Bacterial Infections—A Holistic View on Underlying Mechanisms and Antibacterial Properties; Springer	978-981-16-9231-4	International
Shweta Shirma (2021)	Characterisation techniques of Polyvinylchloride (PVC)/ thermoplastic nano blends; Polyvinylchloride-based Blends Preparation, Characterization and Applications; Springer	978-3-030-78455-3	International
Vishal Sharma (2022)	Marine Collagen for Delivery of Therapeutics; Marine Biomaterials; Springer Link	978-981-16-5374-2	International

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISBN Number</b>	<b>State/ National/ International</b>
Shweta Sharma (2022)	Photophysics and Nanophysics in Therapeutics; Improving the functionality of a nanomaterial by biological probes; Elsevier	978-0-323-89839-3	International
Jagdish Rai (2022)	Theory Of Evolution: Implication For Our Way Of Life And Worldview; Theory Of Evolution: Implication For Our Way Of Life And Worldview; Notion Press	9798887491837	International

## DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISSN Number</b>	<b>Peer Reviewed (Y/N)</b>	<b>Publisher</b>
Shweta Sharma (2021)	A chronological overview of analytical techniques in forensic identification of printing toners; Trends in Analytical Chemistry	NA	Yes	Elsevier
Vishal Sharma (2022)	A luminescent Zn-MOF for the detection of explosives and development of fingerprints†A luminescent Zn-MOF for the detection of explosives and development of fingerprints‡; Analytical Methods	NA	Yes	RSC
Vishal Sharma (2022)	Advances in ZnO: Manipulation of defects for enhancing their technological potentials; Analytical methods	NA	Yes	De gruyter
Vishal Sharma (2022)	DOE-based synthesis of gellan gum-acrylic acid-based biodegradable hydrogels: screening of significant process variables and in situ field studies; RSC advances	NA	Yes	Royal Society of Chemistry (RSC)
Vishal Sharma (2022)	Forensic analysis of cigarette ash using ATR-FTIR spectroscopy and chemometric methods; Microchemical Journal	na	Yes	Elsevier
Shweta Sharma (2022)	Incorporation of the poorly soluble drug cefixime inside the micellar core of conventional and gemini surfactants; New Journal of Chemistry	NA	Yes	Royal Society of Chemistry
Shweta Sharma (2022)	Selective Response Studies of Graphene Materials with Forensic Relevant Drugs Through Fluorescence Spectroscopy; Journal of Analytical Chemistry	1061-9348	Yes	Springer
Shweta Sharma (2022)	Structural insight on thiourea doped graphene: An efficient electrochemical sensor for voltammetric detection of morphine in alcoholic and non-alcoholic beverages; Current Research in Green and Sustainable Chemistry	NA	Yes	Elsevier
Vishal Sharma (2022)	Synthesis of gum acacia-silver nanoparticles based hydrogel composites and their comparative anti-bacterial activity; Journal of Polymer Research	NA	Yes	Springer
Vishal Sharma (2022)	Yellow emissive carbon dots in ludox silica matrix with anticancer activity for enhanced imaging of developed sweat latent fingerprints; Materials Today Chemistry	nA	Yes	Elsevier



**DETAILS OF PUBLICATIONS****Full Papers Published in Proceedings of Conferences**

Name of Author	Title of the Paper	ISSN Number	Publisher
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**DETAILS OF PUBLICATIONS****Articles Published in Newspapers**

Name of Author	Title of the Paper	ISSN Number	Publisher
Jagdish Rai (2022)	How Do Narcotic Drugs Feel: Insights From The Theory Of Evolution; Ambedkar Times (June 22, 2022) Vol 14 , issue 15 page 3-4	NA	ambedkar times

**Summary of Research Publications July 1, 2021 to June 30, 2022**

S.no	Department	Type of Journal	International	National	Others	Total
1	Institute of Forensic Science & Criminology	Peer Review Journals	10	0	0	10
2	Institute of Forensic Science & Criminology	Book with ISBN	2	0	0	2
3	Institute of Forensic Science & Criminology	Chapter in a book	3	0	0	3
4	Institute of Forensic Science & Criminology	Newspaper and Media	1	0	0	1

**RESEARCH SCHEMES****Sponsored Research Projects during the Academic Year 2021 - 2022**

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
DST (UT), Chandigarh	ATR-FTIR Spectroscopic and Chemometric based method for identification of wood species and its age estimation: A novel approach to wood forensics.	100000	100000	Minor	2021 - Till Date	Dr. Vishal Sharma
UGC-DAE-CSR	Fabrication and Characterization of composites acquired from halloysite for electrochemical applications	243240	243240	Minor	2022 - Till Date	Dr Shweta Sharma

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT****Details of Seminars, Conferences, and Workshops organized during the Academic Year**

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Emerging Trends in Document Forgeries	2022-03-19	2022-03-19	IFSC, Panjab University	45

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY****3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022**

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Institute of Forensic Science & Criminology	Shweta Sharma	Search Research and	Professional Development Programmes	Faculty Development Programme	National	Chandigarh	06/07/2021	12/07/2021	HRDC Panjab University and

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
			Publication ethics							PGGCG Sector 42 Chandigarh

### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	Institute of Forensic Science & Criminology	Rohini Chauhan	Analytical methods for soil analysis it's Forensic Application	2022-04-25	Dr Vishal Sharma
2	Institute of Forensic Science & Criminology	Dolly Mahna	Cytotoxicity and Gene Promoter Regions Epigenetic Modification Studies in Response to the Intake of Potentially Toxic Substances	2022-03-17	Dr Shweta Sharma & Prof Sanjeev Puri

### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
1	Institute of Forensic Science & Criminology	

#### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
NIL							

#### 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
1	Institute of Forensic Science & Criminology	Forensic examination of thermal papers using Video Spectral Comparator (VSC) and ATR-FTIR spectroscopy coupled with chemometrics: Non-destructive approach	Central Forensic Science Laboratory, CBI, New Delhi 110003, India	Reeta R. Gupta	17/05/2021	National	Research Collaboration	Nil	11/06/2024
2	Institute of Forensic Science & Criminology	AMPA induced cognitive impairment in rats: Establishing the role of endoplasmic reticulum stress inhibitor, 4-PBA	Department of Biophysics, Panjab University, Chandigarh, India	Tanzeer Kaur	03/05/2021	National	Research Collaboration	Nil	07/06/2024

#### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
NIL			

**4. Details of Extracurricular Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

**5. Activities to celebrate / organize national and international commemorative days, events and festivals**

Title of Event	From Date	To Date
NIL		

**6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

**7. Number of Patents Published/Awarded**

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

**8. Revenue generated through consultancy**

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

**MATHEMATICS****SUMMARY OF PUBLICATIONS****PUBLICATIONS****DETAILS OF PUBLICATIONS****(Books/ Reference General/ Book Chapter/ Book Edited)**

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
NIL			

**DETAILS OF PUBLICATIONS****(Research Papers/ Review Article/ Editorial Article in Referred Journal)**

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Dilbag Singh (2021)	3D Modelling of the Scattering of the Fundamental Anti-Symmetric Lamb Mode (A0) Propagating within a Point-Impacted Transverse-Isotropic Composite Plate; Applied Sciences	2076-3417	Yes	MDPI
Dinesh Khurana (2022)	A Characterization of Matrix Rings; Bulletin of the Australian Mathematical Society	Journal ISSN: 49727	Yes	Cambridge University Press
Manisha Sharma (2021)	A new heuristic for flow shop scheduling problems minimizing system utilization time subject to minimum makespan; International Journal of Operational Research	17457653 , 17457645	Yes	Inderscience Enterprises Ltd

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISSN Number</b>	<b>Peer Reviewed (Y/N)</b>	<b>Publisher</b>
Manisha Sharma (2021)	An improved NEH heuristic to minimize makespan flow shop scheduling problems; Decision Science Letters	19295804, 19295812	Yes	Science
Vanita Verma (2022)	Branching technique for a bi-objective two stage assignment problem; ANZIAM Journal	ISSN: 1446-1811	Yes	Cambridge University Press
Gurmeet K. Bakshi and Gurleen Kaur (2022)	Central Units Of Integral Group Rings Of Monomial Groups; Proceedings of the American Mathematical Society	0002-9939	Yes	American Mathematical Society
Gurmeet K Bakshi and Gurleen Kaur (2022)	Connecting monomiality questions with the structure of rational group algebras; Journal of Pure and Applied Algebra	0022-4049	Yes	Elsevier
Manisha Sharma (2021)	Desert sparrow optimization algorithm for the bicriteria flow shop scheduling problem with sequence- independent setup time; Operational Research International Journal	0030-364	Yes	Springer Science and Business Media
Dilbag Singh (2021)	Development of elastodynamic finite integration technique for two-dimensional micropolar elastodynamics; Transactions of JASCOME	13449443	Yes	Nihon Keisan Kogakkai
S. K. Khanduja (2022)	Discriminant and Integral basis of quintic fields defined by $x^5 + ax + b$ ; Journal of Algebra and its applications	ISSN:0219-4988	Yes	World Scientific
S. K. Khanduja (2022)	Discriminant and integral basis of sextic fields defined by $x^6+ax+b$ ; Communications in Algebra	ISSN:0092-7872	Yes	Taylor and Francis
Renu Bajaj (2022)	Energy stability of thermally modulated inclined fluid layer; Fluid Dynamics Research	0169-5983	Yes	IOP Publishing Ltd , Temple Circus, Temple Way, Bristol, England, BS1 6BE
Manisha Sharma (2021)	Integrated stochastic bicriteria flow shop scheduling problem with preventive maintenance; International Journal of Process Man	14606738	Yes	Inderscience Enterprises Ltd
Dilbag Singh (2021)	Lamb waves in nonlocal elastic plate with voids; Journal of mechanics and materials of structures	1559-3959	Yes	Lamb waves in nonlocal elastic plate with voids
Manisha Sharma (2021)	Multi Layer Neural Network design for the calculation of risk factor associated with COVID-19; Augmented Human Research/Journal	2365-4325	No	Springer
Dinesh Khurana (2022)	Perspectivity and von Neumann regularity; Communications in Algebra	ISSN:0092-7872	Yes	Taylor and Francis

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISSN Number</b>	<b>Peer Reviewed (Y/N)</b>	<b>Publisher</b>
Aarti Khurana (2022)	Rayleigh-like waves in multilayered elastic media containing voids: Use of the Haskell matrix method; Journal of Vibration and Control	1077-5463 / 1741-2986	Yes	Sage Publications Ltd , 1 Olivers Yard, 55 City Road, London, England, EC1Y 1SP
Anjana Khurana (2022)	Splitting probability invariant for Cordes schemes; Proceedings of the Indian Academy of Sciences: Mathematical Sciences	ISSN:0253-4142	Yes	Springer
Gagandeep Singh (2022)	Stationary system-length distribution of Markovian bulk service queue with modified bulk service rule and dynamic service rates; international journal of computer mathematics: computer systems theory	2379-9935	Yes	Taylor & Francis Group
Vanita Verma (2022)	Task preference based bottleneck assignment problem; Computational and Applied Mathematics	2238-3603	Yes	Springer
Aarti Khurana (2022)	Torsional Waves Propagation In Micropolar Elastic Half-Space; Journal of Theoretical and Applied Mechanics	1314-8710 (Online), 0861-6663 (Print)	Yes	Bulgarian Acad Sciences, Inst Mechanics , Acad G Bonchev St, Bl 4, Sofia, Bulgaria, , 1113
Madhu Raka (2021)	Two dimensional constacyclic codes of arbitrary length over finite fields; Indian Journal of Pure and Applied Mathematics	0019-5588	Yes	Springer
Savita Bhatnagar (2022)	Vector Valued Multipliers of McShane Integrable Functions; The Journal of the Indian Mathematical Society	ISSN:0019-5839	Yes	Indian Mathematical Society
Dilbag SIngh (2021)	Waves in nonlocal elastic material with double porosity; Archive of Applied Mechanics	0939-1533	Yes	Springer

#### **DETAILS OF PUBLICATIONS**

##### **Full Papers Published in Proceedings of Conferences**

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISSN Number</b>	<b>Publisher</b>
NIL			

#### **DETAILS OF PUBLICATIONS**

##### **Articles Published in Newspapers**

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISSN Number</b>	<b>Publisher</b>
NIL			

**Summary of Research Publications July 1, 2021 to June 30, 2022**

S.no	Department	Type of Journal	International	National	Others	Total
1	Department of Mathematics	Peer Review Journals	23	1	0	24
2	Department of Mathematics	e-Journals	1	0	0	1

**RESEARCH SCHEMES**

**Sponsored Research Projects during the Academic Year 2021 - 2022**

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
Gagandeep Singh	UGC Start Up Grant	600000	600000	Major	2017 - Till Date	Dr. Gagandeep Singh
NASI	NASI Senior Scientist Platinum Jubilee Fellowship	1380000	460000	Others	2021 - Till Date	Prof. Madhu Raka

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT**

**Details of Seminars, Conferences, and Workshops organized during the Academic Year**

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Two days workshop on Personality Development and Communication Skills	2022-03-22	2022-03-22	Dr Dilbag Singh	19
Faculty Development Program	2022-01-04	2022-01-10	Dr. S. P. S. Kainth and Dr. Aarti Khurana	30

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY**

**3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022**

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Department of Mathematics	Ms. Suman Bala	27th International Conference of International Academy of Physical Sciences (CONIAPS XXVII) on "Recent Advances in Solid Mechanics and Seismology"	conference	Academic and Research Event	International	Department of Mathematics, Kurukshetra University, Kurukshetra, Haryana, India (Online)	26/10/2021	28/10/2021	Department of Mathematics, Kurukshetra University, Kurukshetra, Haryana, India
2	Department of Mathematics	Ms. Suman Bala	A two day workshop on 'Applications of Mathematics'	workshop	Academic and Research Event	National	Department of Mathematics & Department of Engineering Science, J. C. Bose	09/08/2021	10/08/2021	Department of Mathematics & Department of Engineering Science, J. C. Bose

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
							University of Science and Technology, YMCA, Faridabad			University of Science and Technology, YMCA, Faridabad
3	Department of Mathematics	Dr. Dilbag Singh	27th International Conference of International Academy of Physical Sciences	conference	Academic and Research Event	International	Kurukshetra University	26/10/2021	28/10/2021	Department of Mathematics, KU
4	Department of Mathematics	Dr. S. P. S. Kainth	27th International Conference on Graph Theory and Applications	conference	Academic and Research Event	International	Goa University (Virtual mode)	26/10/2021	28/10/2021	International Academy of Physical Sciences
5	Department of Mathematics	Dr. S. P. S. Kainth	ICMMAAC-21	conference	Academic and Research Event	International	Virtual Mode	05/08/2021	07/08/2021	Dept. of Mathematics, University of Kashmir
6	Department of Mathematics	Dr. Aarti Khurana	Two-Day workshop on "Applications of Mathematics"	workshop	Academic and Research Event	National	Department of Mathematics & Department of Engineering Science, J. C. Bose University of Science and Technology, YMCA, Faridabad	09/08/2021	10/08/2021	Department of Mathematics & Department of Engineering Science, J. C. Bose University of Science and Technology, YMCA, Faridabad
7	Department of Mathematics	Dr. Aarti Khurana	International Conference on Advances in Multi-Disciplinary Sciences and Engineering Research (ICAMSER-2021)	conference	Academic and Research Event	International	Chitkara University, Baddi, Himachal Pradesh	02/07/2021	03/07/2021	Chitkara University, Himachal Pradesh
8	Department of Mathematics	Dr. Aarti Khurana	4th International Conference On Mathematical Modelling, Applied Analysis And Computation-2021	conference	Academic and Research Event	International	Department of Mathematics JECRC University, Jaipur, India (Online))	05/08/2021	07/08/2021	Department of Mathematics JECRC University, Jaipur, India
9	Department of Mathematics	Dr. Aarti Khurana	27th International Conference of International Academy of	conference	Academic and Research Event	International	Department of Mathematics, Kurukshetra University, Kurukshetra,	26/10/2021	28/10/2021	Department of Mathematics, Kurukshetra University, Kurukshetra,

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
			Physical Sciences (CONIAPS XXVII) on "Recent Advances in Solid Mechanics and Seismology"				Haryana, INDIA (Online)			Haryana, India
10	Department of Mathematics	Ms. Suman Bala	4th International Conference On Mathematical Modelling, Applied Analysis And Computation-2021	conference	Academic and Research Event	International	Department of Mathematics JECRC University, Jaipur, India (Online))	05/08/2021	07/08/2021	Department of Mathematics JECRC University, Jaipur, India
11	Department of Mathematics	Ms. Suman Bala	International Conference on Advances in Multi-Disciplinary Sciences and Engineering Research (ICAMSER-2021)	conference	Academic and Research Event	International	Chitkara University, Baddi, Himachal Pradesh	02/07/2021	03/07/2021	Chitkara University, Himachal Pradesh
12	Department of Mathematics	Gagandeep Singh	Virtual Maple Conference 2021	conference	Summer/Winter School Workshop etc	International	Canada	02/11/2021	05/11/2021	Waterloo Maple Inc., Canada
13	Department of Mathematics	Dinesh Khurana	Delivered Eight lectures in a Teacher's Enrichment Workshop held at IIT Jammu	workshop	Academic and Research Event	National	IIT Jammu	27/06/2022	02/07/2022	National Centre for Mathematics
14	Department of Mathematics	Dinesh Khurana	Mathematics Day Celebrations at Rayat Bahra University, Kharar	other	Academic and Research Event	University	Rayat Bahra University, Kharar	11/01/2022	11/01/2022	Punjab State Council for Science & Technology (PSCST)
15	Department of Mathematics	Dinesh Khurana	Gave a talk titled Perspective Rings and Modules in International Conference held at Mahatma Hansraj College, Delhi	conference	Academic and Research Event	International	Mahatma Hansraj College, Delhi	22/12/2021	24/12/2021	Mahatma Hansraj College, Delhi
16	Department of Mathematics	Surinder Pal Singh Kainth	4th International Conference on	conference	Academic and Research Event	International	JECRC University, Jaipur	05/08/2021	07/08/2021	JECRC University, Jaipur



S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
			Mathematical Modelling, Applied Analysis and Computation-2021 (ICMMAAC-21)							
17	Department of Mathematics	Surinder Pal Singh Kainth	An interaction with $\pi$	webinar	Academic and Research Event	National	Alliance University, Bangalore.	20/04/2022	20/04/2022	Alliance University, Bangalore.
18	Department of Mathematics	Surinder Pal Singh Kainth	webinar on $\pi$	webinar	Academic and Research Event	National	Punjabi University Patiala	15/03/2022	15/03/2022	Punjabi University Patiala
19	Department of Mathematics	Surinder Pal Singh Kainth	National Webinar on 'Pi and its Contributions in Science	webinar	Academic and Research Event	National	Patharkandi College and Eastern Karabi Anglong College, Assam	14/03/2022	14/03/2022	Patharkandi College and Eastern Karabi Anglong College, Assam
20	Department of Mathematics	Surinder Pal Singh Kainth	Functional Analysis	workshop	Academic and Research Event	National	University of Kashmir, Srinagar	28/11/2021	12/12/2021	NBHM and the Department of Mathematics
21	Department of Mathematics	Surinder Pal Singh Kainth	An Introduction to Henstock-Kurzweil integration	workshop	Academic and Research Event	National	Department of Information and Science Technology, Govt. of Uttarakhand	02/08/2021	07/08/2021	Uttarakhand Science Education and Research Centre
22	Department of Mathematics	Dr. Manisha Sharma	Workshop on Vedic Mathematics	workshop	Others	University	Punjab University	12/03/2022	12/03/2022	Boys Hostel No 4
23	Department of Mathematics	Surinder Pal Singh	Online - 7-Days FDP on Rethinking Dr. B.R. Ambedkar's Multi-Dimensional Vision (All Disciplines)	Professional Development Programmes	Faculty Development Programme	National	Chandigarh	09/11/2021	15/11/2021	HRDC

#### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	Department of Mathematics	SURAJ KUMAR	Waves in elastic medium	2022-06-29	Prof. S.K.Tomar
2	Department of Mathematics	Meenakshi Sharma	Scheduling (Operations Research)	2021-12-14	Dr. Manisha Sharma
3	Department of Mathematics	Baljinder Kaur	Approximation of Surface Wave Speed in Elastic Media	2022-01-12	Dr. Baljeet Singh

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
4	Department of Mathematics	Arvind Garg	Some Novel Efficient Numerical Methods For Solving Initial Value Problems of Ordinary Differential Equations	2021-07-09	Dr. Vinay Kanwar
5	Department of Mathematics	Leena	Algebra	2021-08-02	Dr. Anjana Khurana

## MISCELLANEOUS

**Any other noteworthy achievement of the department during this Academic Year 2021 - 2022**

S.no	Department	Achievement
NIL		

**1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities**

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
NIL							

NIL

**2. Details of Collaborative activities**

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
1	Department of Mathematics	Connecting monomiality questions with the structure of rational group algebras	Indian Institute of Science Education and Research, Mohali	Gurleen Kaur	03/03/2021	National	Research	DST	01/07/2022
2	Department of Mathematics	Central Units Of Integral Rings Of Monomial Groups	Indian Institute of Science Education and Research, Mohali	Gurleen Kaur	03/03/2021	National	Research	Nil	01/07/2022
3	Department of Mathematics	Joint project titled Perspective and von Neumann regularity	Brigham Young University, Provo (USA)	Dinesh Khurana and Pace P Nielsen	11/07/2019	International	Research	0	11/07/2021
4	Department of Mathematics	Waves in nonlocal elastic material with double porosity	Tokyo Institute of technology, JAPAN	Dr. Dilbag Singh	19/01/2021	International	Research and technology	DST	18/01/2023
5	Department of Mathematics	Development of elastodynamic finite integration technique for two-dimensional micropolar elastodynamics	Tokyo Institute of Technology, JAPAN and Gunma University, JAPAN, Hokkaido University, JAPAN	Dr. Dilbag Singh	19/01/2021	International	Research and technology	DST	18/01/2023
6	Department of Mathematics	An improved NEH heuristic to minimize makespan flow shop scheduling problems.	DAV College Jalandhar	DR Sameer Sharma	05/03/2021	International	Research	Nil	01/07/2022

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
7	Department of Mathematics	A new heuristic for flow shop scheduling problems minimizing system utilization time subject to minimum makespan.	DAV College, Jalandhar	Dr Sameer Sharma	05/11/2021	International	Research	Nil	07/07/2022
8	Department of Mathematics	Desert sparrow optimization algorithm for the bicriteria flow shop scheduling problem with sequence- independent setup time	DAV College, Jalandhar	Dr Sameer Sharma	22/09/2021	International	Research	Nil	22/07/2022
9	Department of Mathematics	Integrated stochastic bicriteria flow shop scheduling problem with preventive maintenance,	DAV College, Jalandhar	Dr Sameer Sharma	10/10/2021	International	REsearch	Nil	19/07/2022
10	Department of Mathematics	Multilayer Neural Network Design for the Calculation of Risk Factor Associated with COVID-19	DAV College Chandigarh	Ms Anshu Chaudhary	20/01/2022	International	Research	Nil	29/07/2022

### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
Class rooms	7	0	7
Class rooms with ICT facility (LCD/Projector)	4	0	4
No. of Research Labs	0	0	0
No. of Computer labs	2	0	2
Total Number of Computers in the department	70	0	70
Video Centre	0	0	0
Seminar Halls with ICT facility	1	0	1
Seminar Halls	1	0	1
No. of important equipments purchased ( $\geq$ 10 lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0
Class rooms with Wifi/LAN facility	7	0	7

### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
Teacher's Day	05/09/2021	05/09/2021

### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

### 7. Number of Patents Published/Awarded

SNo	Patent Author	Date	Status	National/ International	Patent Number/ Application Number
NIL					

## 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

## MICROBIOLOGY

### SUMMARY OF PUBLICATIONS

#### PUBLICATIONS

#### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Divya, Thomson soni, Ishwerpreet Kaur Jawanda, Renu Jaiswal, Harkeerat Kaur and Vijay Prabha (2022)	An Update on Etiology and Detection of Anti-sperm Antibodies in Males and Females.; Innovations in Biotechnology and Microbiology; BP International	978-93-5547-588-6	International
Ekta Choudhary,Deepak Kumar Rahi (2021)	Enzymes of White Rot Fungi and their Industrial Potential.; Advances in Macrofungi ; Taylor & Francis	9781003096818	International
Soni, S.K., Soni, R. (2022)	Genetic Engineering of Microorganisms in Winemaking; Concise Encyclopedia of Science and Technology of Wine; CRC Press, Florida, USA.	978-1-138-09275-4	International
Aditi Chauhan, Vijay Prabha (2021)	Insight into the Trends in Male Contraception: An Advanced Study; Recent Developments in Medicine and Medical Research; BP Internationals	978-93-5547-092-8	International
Sonia Bhonchal Bhardwaj and Seema Kumari (2021)	Oral Bacteriophages.; Book Bacteriophages in therapeutics.; IntechOpen	978-1-83962-213-7	International
Marwaha, S.S., Soni, S.K. Marwaha, U. (2022)	Packaging Technology of Wines; Concise Encyclopedia of Science and Technology of Wine; CRC Press, Florida, USA	978-1-138-09275-4	International
Sakshi Khanna, Mahendra Bishnoi, Kanthi Kiran Kondepudi & Geeta Shukla (2021)	Synbiotic (Lactiplantibacillus pentosus GSSK2 and isomaltooligosaccharide) supplementation modulates pathophysiology and gut dysbiosis in experimental metabolic syndrome; Scientific reports; Nature	21397	International
Swati Chandla, Kusum Harjai, Geeta Shukla (2021)	Synergistic Effect of Biogenics Derived from Potential Probiotics Together with Zingerone Against Biofilm Formation by Pseudomonas aeruginosa PAO1; Probiotics and antimicrobial proteins; Springer	0	International
Ekta Chaudhary,Deepak Kumar Rahi (2021)	White Rot Fungi in Food and Pharmaceutical Industries.; In Advances in Macrofungi ; Taylor & Francis	9781003191278	International

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Soni, S.K., Swami, U., Trivedi, N., Soni, R. (2021)	Wine as a complete Functional Beverage: A Perspective; Winemaking Basics and Applied Aspects.; CRC Press, Florida, USA	9781351034265	International
Soni, S.K., Marwaha, S.S., Soni, R., Swami, U., Marwaha, U. (2022)	Wine: Composition and Nutritive value.; Concise Encyclopedia of Science and Technology of Wine; CRC Press, Florida, USA	978-1-138-09275-4	International

#### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Deepak Kumar, Raveena Bhardwaj, Sunena Jassal, Tanya Goyal, Aastha Khullar & Naveen Gupta (2021)	Application of enzymes for an eco-friendly approach to textile processing; Environmental Science and Pollution Research	1614-7499	Yes	Springer
Amrita Kaur , Indu Pal Kaur , Kanwaljit Chopra , Praveen Rishi (2022)	Bi-directional elucidation of Lactiplantibacillus plantarum (RTA 8) intervention on the pathophysiology of gut-brain axis during Salmonella brain infection; Gut Pathogens	1757-4749	Yes	BMC
Aruna Singh Parmar (2021)	Biodegradation of Malathion Using Cutinase From A Soil Isolate of Fusarium SP.; Research journal of life sciences, Bioinformatics, Pharmaceutical and Chemical sciences.	2454-6348	Yes	Life Science Informatics Publications
Rahul Warmoota, Aditya Kumar, Steffy Angural, Monika Rana, Sunena Jassal, Neena Puri, Naveen Gupta (2021)	Bioremediation of sea food waste in solid state fermentation along with production of bioactive agents; Journal of advanced scientific research	0976-9595	Yes	ScienSage
Ekta Choudhary, Deepak Kumar Rahi (2021)	Biotechnological Applications Of Exopolysaccharide Produced By The Wood Rot Fungi; Journal of advanced Scientific Research	0976-9595	Yes	Sciensage
Reena Thakur, Chander Raman Suri, Praveen Rishi (2022)	Contribution of typhoid toxin in the pathogenesis of; Microbial Pathogenesis	0882-4010	Yes	Elsevier
Surabhi Mangal 1, Tamanna Dua 2, Monika Chauhan 3, Neelima Dhingra 3, Sanjay Chhibber 1, Vasundhara (2022)	Design, Synthesis, and Quorum Quenching Potential of Novel Catechol-Zingerone Conjugate to Find an Elixir to Tackle Pseudomonas aeruginosa Through the Trojan Horse Strategy; Frontiers in Chemistry	22962646	Yes	Frontiers
Anu Nosran 1, Parleen Kaur 2, Vinay Randhawa 3, Sanjay Chhibber 1,	Design, synthesis, molecular docking, anti-quorum sensing, and anti-biofilm activity of pyochelin-zingerone conjugate.; Drug Dev Res	1098-2299	Yes	Wiley

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Vasundhara Singh 2, Kusum Harjai (2021)				
Nisha Negi, Shashi Kanta, Sakshi Negi and Seema Kumari (2022)	Emergence of Nanotechnology as A New Delivering System.; International Journal of Engineering Applied Sciences and Technology.	2455-2143,	Yes	Chaoyang University of Technology, Taiwan
Aditi Chauhan, Vijay Prabha (2022)	Evaluation of Antifertility Effects of Sperm Immobilization Factor from Escherichia coli on Male Mice.; Journal of Pure and Applied Microbiology	0973-7510	Yes	Oriental Scientific Publishing Company
Palak Sharma, Deepali Thapar, Aditi Chauhan and Vijay Prabha (2022)	Exploitation of molecular mimicry between bacteria and spermatozoa for amelioration of sperm immobilization factor induced infertility in male mice.; European Journal of biomedical and pharmaceutical Sciences	2349-8870	Yes	European Journal of Biomedical and Pharmaceutical Sciences
Aditi Rathee, Anil Panwar, Seema Kumari, Sanjay Chhibber, Ashok Kumar. (2021)	Functional Characterization and Structural Modelling of Peptidoglycan Degrading $\beta$ -N-acetyl-glucosaminidase from a Dental Isolate of <i>Serratia marcescens</i> .; Combinatorial Chemistry & High Throughput Screening	1875-5402	Yes	Bentham science
Jatin Chadha1 Ravi, Jogender Singh2 Sanjay Chhibber and Kusum Harjai (2022)	Gentamicin Augments the Quorum Quenching Potential of Cinnamaldehyde In Vitro and Protects <i>Caenorhabditis elegans</i> From <i>Pseudomonas aeruginosa</i> Infection; Frontiers in cellular and infection microbiology	2235-2988	Yes	Frontiers
Prakriti Vats,Ujjwal Jit Kaur,Praveen Rishi (2022)	Heavy metal-induced selection and proliferation of antibiotic resistance: A review; Journal of Applied Microbiology	1365-2672	Yes	wiley
Deepak Kumar, Aastha Khullar, Neha Sharma, Naveen Gupta (2021)	Immobilization of laccase from <i>Bacillus subtilis</i> DS on chitosan beads and standardization of process for biodegradation of textile dyes; Journal of Chemical technology and biotechnology	1097-4660	Yes	Wiley Online library
Priyanka Bhankar, Aditi chauhan and Vijay Prabha (2022)	Impact of <i>Lactobacillus Plantarum</i> on Reproductive Potential of Male Mice Challenged with Sperm Agglutinating <i>Escherichia Coli</i> ; Preceptions In Reprod Med.	26409666	Yes	Crimson Publishers
Navdha Sharma, Ekta Chaudhary,Harpreet Kaur, Aruna Parmar, M . Kaur, D. K Sharma, Deepak K Rahi (2021)	Insights Into Mushroom Polysaccharide And Their Potential Applications; Panjab University research journal. Science	0555-7631	Yes	Panjab University
Deepak Kumar Rahi, Aruna Singh Parmar (2021)	Ligninolytic Peroxidases: Sources And Applications. ; Journal of Advanced Scientific Research	0976-9595	Yes	Sciensage

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Harmanpreet kaur, Arasdeep Kaur, SK Soni, Praveen Rishi (2022)	Microbially-derived cocktail of carbohydrases as an anti-biofouling agents: a 'green approach'; Biofouling	0892-7014	Yes	Taylor & Francis online
Deepali Thaper and Vijay Prabha (2022)	Molecular Mimicry: Unravelling the Role of Autoantibodies in Autoimmune Diseases and Infertility.; Biomedical Translational Research	9811643458	Yes	Springer
Surabhi Mangal, Vasundhara Singh, Sanjay Chhibber & Kusum Harjai (2022)	Natural bioactives versus synthetic antibiotics for the attenuation of quorum sensing-regulated virulence factors of Pseudomonas aeruginosa; Future Microbiology	1746-0921	Yes	Future Medicine
Surekha Devi 1, Sanjay Chhibber 1, Kusum Harjai (2022)	Optimization of cultural conditions for enhancement of anti-quorum sensing potential in the probiotic strain Lactobacillus rhamnosus GG against Pseudomonas aeruginosa.; 3 Biotech	2190-5738	Yes	Springer
Shashi Kanta, Parminder Kaur and Seema Kumari (2022)	Production and exploration of antibacterial potential of Biosurfactant from environmental bacterial isolate; Journal of Advanced Scientific Research	0976-9595	Yes	Sciensage
Kanta, S., Kaur, P., & Kumari, S. (2022)	Production And Exploration Of Antibacterial Potential Of Biosurfactant From Environmental Bacterial Isolate; Journal of Advanced Scientific Research	09769595	Yes	Sciensage
Jatin Chadha, Kusum Harjai, Sanjay Chhibber (2021)	Repurposing phytochemicals as anti-virulent agents to attenuate quorum sensing-regulated virulence factors and biofilm formation in Pseudomonas aeruginosa; Microbial Biotechnology	1751-7915	Yes	Wiley
Jatin Chadha, Kusum Harjai, Sanjay Chhibber (2021)	Revisiting the virulence hallmarks of Pseudomonas aeruginosa: a chronicle through the perspective of quorum sensing; Environmental microbiology	1462-2920	Yes	sfam
Nashna Thakur, Neeraj Dhiman, Seema Kumari, Shashi Kanta and Nidhi Sharotri. (2022)	Sbdoped titanium dioxide nanoparticles: Its synthesis, characterization and antimicrobial application.; Nanotechnology for Environmental Engineering	2365-6387	Yes	Springer Nature
Dr. Sitanshu Kumar, Surabhi Mangal, Anu Nosran, Dr. Kusum Harjai, Dr. Vasundhara Singh (2022)	Synthesis of Bis(indolyl)methane/Dihydropyrimidinone Tethered Bis-Amidic Triazole Hybrid Compounds via One-Pot Sequential Six/Seven Component Ugi-Click Reaction; Chemistry Select	2365-6549	Yes	Wiley

## DETAILS OF PUBLICATIONS

### Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
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**DETAILS OF PUBLICATIONS**  
**Articles Published in Newspapers**

Name of Author	Title of the Paper	ISSN Number	Publisher
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**Summary of Research Publications July 1, 2021 to June 30, 2022**

S.no	Department	Type of Journal	International	National	Others	Total
1	Department of Microbiology	Peer Review Journals	26	1	1	28
2	Department of Microbiology	Book with ISBN	4	0	0	4
3	Department of Microbiology	Book without ISBN	3	0	0	3
4	Department of Microbiology	Chapter in a book	4	0	0	4

**RESEARCH SCHEMES**

**Sponsored Research Projects during the Academic Year 2021 - 2022**

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration(in years)	Principal Investigator and Research Team
DST-UT	Short term Research Project	250000	250000	Interdisciplinary Projects	2022 - Till Date	Naveen Gupta

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT**

**Details of Seminars, Conferences, and Workshops organized during the Academic Year**

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
“Continued Challenges of Corona Pandemic: Learning from Experience”	2021-10-08	2021-10-08	PU	100
Continued Challenges of Corona Pandemic: Learning from Experience	2021-08-08	2021-08-08	pu	100
Faculty Development Training Program in Industrial Microbiology and Fermentation Technology	2022-03-02	2022-03-26	Dr. S.K. Soni	22

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY**

**3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022**

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Department of Microbiology	Khem Raj	Data Science workshop and Machine Learning for Bioinformatics with R	workshop	Summer/Winter School Workshop etc	International	Online	19/02/2022	18/03/2022	De Code
2	Department of Microbiology	Khem Raj	Bioinformatics workshop and genome annotation at Ensembl and REST Application Programmin	workshop	Training/Orientation	International	Online	24/05/2022	27/05/2022	Nextgenhelper



S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
3	Department of Microbiology	Seema Kumari	g Interfaces (APIs) Online-Environmental Studies	Professional Development Programmes	Refresher Course	National	Chandigarh	17/11/2021	30/11/2021	HRDC
4	Department of Microbiology	Dr. Naveen Gupta	Online lecture on understanding the system that coordinating cell communication	seminar	Academic and Research Event	National	PAU Ludhiana	25/03/2022	25/03/2022	PAU Ludhiana
5	Department of Microbiology	Dr. Naveen Gupta	Lecture on Motivating innovation and creativity	other	Academic and Research Event	National	JCDAV College, Dasuya, Hoshiarpur	27/01/2022	27/01/2022	JCDAV College, Dasuya, Hoshiarpur

### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	Department of Microbiology	Ms. Swati	Evaluation Of Probiotic Derived Biogenics And Zingerone In Pseudomonas Aeruginosa Induced Murine Surgical Site Infection Model	2022-05-13	Prof. Geeta Shukla and Prof. Kusum Harjai
2	Department of Microbiology	Mr. Sunil Kumar	Essential Oil Bioactives, Terpinen-4-Ol And A-Terpineol: Exploration Of A New Horizon In Combating Pseudomonas Aeruginosa Induced Keratitis	2021-07-30	Prof. Kusum Harjai, Prof. Sanjay Chhibber
3	Department of Microbiology	Ms. Sakshi Khanna	Isolation, Characterization And Evaluation Of Probiotics For The Management Of Metabolic Syndrome: An Experimental Study	2022-06-28	Prof. Geeta Shukla, Dr. Kanthi Kiran Kondepudi (NABI)
4	Department of Microbiology	Mr. Rajdeep Jaswal	Identification, Molecular Cloning And Characterization Of Secretory Proteins From Wheat Leaf Rust Fungus Puccinia Triticina	2021-07-28	Dr. Naveen Gupta, Dr. T.R. Sharma
5	Department of Microbiology	Ms. Jasjeet Kaur	Biopolymer Delivered Recombinant Phage Endolysin As A Treatment Option For Methicillin Resistant Staphylococcus Aureus Mediated Wound Infection In Rats	2021-08-13	Prof. Sanjay Chhibber and Prof. Kusum Harjai
6	Department of Microbiology	Ms. Aditi Chauhan	Evaluation Of Microbial Sperm Impairing Factors As Potential Male Contraceptives In Mouse Model	2021-08-04	Prof. Vijay Prabha
7	Department of Microbiology	Ms. Steffy	Development Of A Cleaner Technology For Pulp And Paper Industry: Isolation And Application Of A Bacterium	2021-07-08	Dr. Naveen Gupta

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
			Producing Cocktail Of Lignolytic And Hemicellulolytic Enzymes		
8	Department of Microbiology	Ms. Karuna Sharma	Evaluation Of Nanoparticles Entrapped Zingerone As An Antivirulence Therapy For Controlling Pseudomonas Aeruginosa Mediated Urinary Tract Infections	2021-09-08	Prof. Kusum Harjai, Prof. Sanjay Chhibber
9	Department of Microbiology	Ms. Amrita Kaur	Bi-Directional Elucidation Of Probiotic Intervention For Neurological Manifestations At Gut-Brain Axis	2021-11-18	Prof. Praveen Rishi

#### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
NIL		

#### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
1	Department of Microbiology	A transcriptomic-based study to evaluate the pathways associated with immune dysfunction in COVID-19 Associated Mucormycosis	Department of Medical Microbiology, Post Graduate Institute of Medical Education and Research (PGIMER)	Department of Medical Microbiology, Post Graduate Institute of Medical Education and Research (PGIMER)	17/09/2021	17/09/2023	National

#### 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
1	Department of Microbiology	A transcriptomic-based study to evaluate the pathways associated with immune dysfunction in COVID-19	Department of Medical Microbiology, Post Graduate Institute of Medical Education and Research (PGIMER)	Khem Raj (Department of Microbiology, Panjab University, CHD) & M. Shiva Prakash [Department of Medical Microbiology,	17/09/2021	National	Research	Pfizer Pvt Ltd	17/09/2023

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
		Associated Mucormycosis		Post Graduate Institute of Medical Education and Research (PGIMER)]					
2	Department of Microbiology	Faculty Development Training Program under Skill Vigyan Program of DBT, Govt of India	Punjab State Council for Science & Technology, Chandigarh	Dr. (Mrs) Jatinder Kaur Arora	09/04/2021	National	To organise Faculty Development Training Programes	DBT, Govt. of Development India	31/03/2024

### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	10	0	10
Class rooms	3	0	3
Class rooms with Wifi/LAN facility	3	0	3
Class rooms with ICT facility (LCD/Projector)	3	0	3

### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
World Environment day	01/06/2022	01/06/2022
Alumina lecture	13/06/2022	13/06/2022

### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

### 7. Number of Patents Published/Awarded

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
1	A synthetic peptide possessing antimicrobial and anticancer properties	Avneet Saini, Pratibha Sharma, Simran Preet, Neha Singla, Praveen Rishi, NK Sepat	15/10/2021	Published	International	202011015631

#### 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

## HUMAN GENOME STUDIES & RESEARCH

### SUMMARY OF PUBLICATIONS

#### PUBLICATIONS

#### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
NIL			

#### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Ramandeep Kaur (2021)	A review on valorization of chitinous waste. Journal of Polymer Research; Journal of Polymer Research	1022-9760	Yes	Springer
Shagun Sharma, Navneet Agnihotri, Keshav Kumar, Swati Sihag, Vinay Randhawa, Ramandeep Kaur, Raghu (2021)	Glutamine conjugated organotin (IV) Schiff base compounds: Synthesis, structure, and anticancer properties; Applied Organometallic Chemistry	1099-0739	Yes	Wiley
Pardeep Kaur , K.J. Singh , Ramandeep Kaur (2022)	In vitro analysis of SiO <sub>2</sub> - MgO -P <sub>2</sub> O <sub>5</sub> - CaO bioactive material for bone regeneration applications; Materials Today: Proceedings	2214-7853	Yes	Elsevier
Ramandeep Kaur (2021)	Multipotential Alkaline Protease From a Novel Pyxidicoccus sp. 252: Ecofriendly Replacement to Various Chemical Processes; Frontiers in Microbiology	1664-302X	Yes	Frontiers Media
Gurprit Sekhon and Ranvir Singh (2021)	Structure-Based Virtual Screening for Differential Inhibition of Aldose Reductase, Implicated in Secondary	2476-1435	Yes	Juniper Publishers, Irvine,

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
	Complications in Diabetes; Curr. Res. Diabetes Obes J			California, USA
Parleen Kaur, Swati Sihag, Monika Chauhan, Neelima Dhingra, Navneet Agnihotri, Ramandeep Kaur, Vas (2022)	Synthesis and In Vitro Analysis of 1-Deoxysphingolipid Ceramide Analogues via UGI Reaction as Potential Anti- cancer Agents; Chemistry Europe	2365-6549	Yes	Wiley

**DETAILS OF PUBLICATIONS**

**Full Papers Published in Proceedings of Conferences**

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

**DETAILS OF PUBLICATIONS**

**Articles Published in Newspapers**

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

**Summary of Research Publications July 1, 2021 to June 30, 2022**

S.no	Department	Type of Journal	International	National	Others	Total
1	Department Cum National Centre for Human Genome Studies & Research	Peer Review Journals	6	0	0	6

**RESEARCH SCHEMES**

**Sponsored Research Projects during the Academic Year 2021 - 2022**

Sponsor Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration(in years)	Principal Investigator and Research Team
NIL					

**Seminars / Conferences / Symposia / Workshops Organized by the Department**

**Details of Seminars, Conferences, and Workshops organized during the Academic Year**

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Role of Molecular Techniques in Research Studies	2022-04-22	2022-04-22	Department cum National Centre for Human Genome Studies and Research, Panjab University Chandigarh	30

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY**

**3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022**

S.no	Department Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
NIL									

**Ph.D. Awards**

**Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022**

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
NIL					

**MISCELLANEOUS**

Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no

1

**1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities**

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
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NIL

**2. Details of Collaborative activities**

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
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NIL

**3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022 Top of Form**

Facilities	Existing	Newly Created/Added	Total
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NIL

**4. Details of Extracurricular Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
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NIL

5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
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NIL

**6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
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NIL

**7. Number of Patents Published/Awarded**

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
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NIL

**8. Revenue generated through consultancy**

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
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NIL

## PHYSICS

### SUMMARY OF PUBLICATIONS

#### PUBLICATIONS

#### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Harpreet Singh Kainth, Tejbir Singh, Gurjeet Singh, Devinder Mehta, Sanjiv Puri (2022)	Lab-scale Wavelength Dispersive X-Ray Fluorescence Spectrometer and Signal Processing Evaluation; X-Ray Fluorescence in Biological Sciences: Principles, Instrumentation, and Applications; John Wiley & Sons, Ltd	0000	International

#### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Vipin Bhatnagar, S.Chauhan et al (2022)	A new calibration method for charm jet identification validated with proton-proton collision events at $\sqrt{s} = 13$ TeV; Journal of Instrumentation 17(3),P03014	17480221	Yes	IOP Publishing Ltd.
Ashok Kumar, S.Chakraborty, H.P.Sharma, S.S.Tiwary, (2021)	A note on the parity of $\pi = 5$ - state in $^{126, 128}\text{Xe}$ ; Int.J.Mod.Phys. E30, 2150085 (2021)	0217-751X (print) 1793-656X (web)	Yes	World Scientific
Vipin Bhatnagar, S.Chauhan et al (2022)	Analysis of the CPCPCP structure of the Yukawa coupling between the Higgs boson and $\tau$ lepton in proton-proton collisions at $\sqrt{s} = 13$ TeV; JHEP06(2022)012	00	Yes	Springer
V. Bhatnagar, S. Chauhan et. al., (2021)	Benchmarking LHC background particle simulation with the CMS triple-GEM detector; JINST	17480221.	Yes	IOP Science
V. Bhatnagar, S. Chauhan et. al., (2021)	Combined searches for the production of supersymmetric top quark partners in proton-proton collisions at $\sqrt{s} = 13, 14$ TeV; Eur. Phys. J. C	1434-6044	Yes	Springer Science
Rajat Rana, Sakshi Gautam, Rajeev K. Puri (2021)	Comparative analysis of nucleonic flows for isospin degree of freedom; Nuclear Physics A 1016, 122324 (2021)	0375-9474	Yes	Elsevier
Vipin Bhatnagar, S.Chauhan et al (2021)	Constraints on anomalous Higgs boson couplings to vector bosons and fermions in its production and decay using the four-lepton final state; Phys.Rev.D 104 (2021) 5	00	Yes	American Physical Society
Vipin Bhatnagar, S.Chauhan et al (2021)	Constraints on the Initial State of Pb-Pb Collisions via Measurements of Z-Boson Yields and Azimuthal Anisotropy at $\sqrt{s_{NN}} = 5.02$ TeV; Phys.Rev.Lett. 127 (2021) 10, 102002	10797114, 00319007	Yes	American Physical Society

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Veerpal Kaur S.K. Triathi & Satya Prakash. (2022)	DFT modelling of Ag doped As <sub>2</sub> S <sub>3</sub> configurations; Journal of Non-crystalline Solids	2590-1591	Yes	Elsevier
Md. T. Ilyas, K. Kaur, J. Sharma, G.S.S. Saini (2022)	DFT study of electronic structure and mobility of pristine and fluorinated methyl- ammonium lead halide perovskites (CH <sub>3</sub> NH <sub>3</sub> PbX <sub>3</sub> , X = I, Br, Cl); Int. J. Energy Res. 46 (2022) 6889–6900	0363-907X (print); 1099-114X (web)	Yes	Wiley
Rohilla Dholpuria, Anita Rani, Ranjan Kumar (2022)	DFT Study of ScP and AIP in B1, B2, and B3 Phases at Ambient Pressure; ECS Transactions	19385862	Yes	IOP Publishing
Dr. lokesh kumar et al (2022)	Differential measurements of jet substructure and partonic energy loss in Au+Au collisions at sqrt {S_{NN}} =200 GeV; Phys.Rev.C 105 (2022) 4, 044906	00	Yes	American Physical Society
Dr. Lokesh Kumar et al (2022)	Direct observation of the dead-cone effect in quantum chromodynamics; Nature 605 (2022) 7910, 440-446	00	Yes	nature
Sourab Kumar, S Sihotra, V Singh, J Rather, M Kaur, J Goswamy, N Singh, D Mehta, T Trivedi, RP Singh (2019)	Effect of seed peshell-model description in 99rh and systematics of ODD-A Rh ISOTOPESlleting and integrated nutrient management on seed quality of bell pepper (Capsicum annum L.); Acta Physica Polonica B	2349–8528	Yes	Acta Physica Polonica B
Naresh Kumar, Rajesh Kumar (2022)	Efficient adsorption of methylene blue on hybrid structural phase of MoO <sub>3</sub> nanostructures; Materials Chemistry and Physics	0254-0584	Yes	Elsevier
Ravneet Kaur, KP Singh and S.K. Tripathi (2022)	Electrical, linear and non-linear optical properties of MoSe <sub>2</sub> /PVA nanocomposites as charge trapping elements for memory device applications; Journal of Alloys and Componds	0925-8388	Yes	Elsevier
Poonam Siwatch, Kriti Sharma and S.K. Tripathi1 (2021)	Electrochemical behavior of nickel cobalt oxide micro-flowers in different electrolytic systems; Materials Today: Proceedings	2214-7853	Yes	Elsevier
Vipin Bhatnagar, S.Chauhan et al (2021)	Evidence for X(3872) in Pb-Pb Collisions and Studies of its Prompt Production at sNNsqrt {s_{NN}} =5.02 TeV; Phys.Rev.Lett. 128 (2022) 3, 032001	00	Yes	American Physical Society
S. Sihotra in et al., (2022)	Experimental investigation of high-spin states in 90Zr; Physical Review C	Physical Review C 105, 044307 (2022).	Yes	American Physical Society
Vipin Bhatnagar, Daisy Kalra et. al (2021)	Extended search for supernovalike neutrinos in NOvA coincident with LIGO/Virgo detections; Phys.Rev.D	00	Yes	American Physical Society
Manish Dev Sharma (2021)	Extensive study on Optical Contrast between bulk and Nanoscale transition metal dichacogenide	16744926	Yes	IOP Publishing



Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
	semiconductors; Journal of Semiconductors volume 42 no. 8			
H. Arora, Abhilash S.R. , G.R. Umapathy, Ashutosh Kapil, B.R. Behera (2022)	Fabrication and characterization of self supporting 48Ti thin films; Vacuum 201 (2022) 111052	1879-2715	Yes	ELSEVIER
S. Sihotra , Ashutosh Kapil, Sanjeev Kumar, D. Mehta (2022)	Fabrication of 75As targets for heavy ion nuclear reactions; Vacuum 201 (2022) 111110	Vacuum 201 (2022) 111110	Yes	Elsevir
S Sihotra, Ashutosh Kapil, Sanjeev Kumar, D Mehta (2022)	Fabrication of 75As targets for heavy ion nuclear reactions; Vacuum	0042-207X	Yes	Pergamon
Ranjan Kumar, Anita Sharma (2022)	Ferromagnetism in V and Cr doped ScN diluted magnetic semiconductor in B3 phase: A DFT study; Solid State Communications	0038-1098	Yes	Pergamon
Vipin Bhatnagar, S.Chauhan et al (2021)	First measurement of large area jet transverse momentum spectra in heavy-ion collisions; JHEP 05 (2021) 284	00	Yes	Springer
Vipin Bhatnagar, S.Chauhan et al (2022)	First search for exclusive diphoton production at high mass with tagged protons in proton-proton collisions at $\sqrt{s} = 13$ TeV; Phys. Rev. Lett. 129, 011801	00	Yes	American Physical Society
GS AlGhamdi, Anuradha Saini, AA AlShaikhi, Ranjan Kumar (2022)	First-Principles Investigation of Thermoelectric Properties of Half-Heusler Alloy NbFeTe; Journal of Superconductivity and Novel Magnetism	15571939	Yes	Springer US
Amritpal Kaur, Rajesh Kumar (2021)	Formulation of Biocompatible Vancomycin Conjugated Gold Nanoparticles for Enhanced Antibacterial Efficacy; ES Energy & Environment	ISSN: 2578-0646	Yes	Engineered Science Publisher
Dr. Lokesh Kumar et al (2022)	Forward rapidity $J/\psi$ production as a function of charged-particle multiplicity in pp collisions at $\sqrt{s} = 5.02$ and 13 TeV; JHEP 06 (2022) 015	00	Yes	Springer
V. Bhatnagar, S. Chauhan et. al., (2022)	Fragmentation of jets containing a prompt $J/\psi$ meson in PbPb and pp collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV; Phys. Lett. B	0370-2693	Yes	Elsevier
Sakshi Sharma and Sakshi Gautam (2022)	Further insights of free and bound particles in the fragmentation of symmetric and asymmetric collisions; Nuclear Physics A 1022, 122430 (2022)	0375-9474	Yes	Elsevier
Vipin Bhatnagar, S.Chauhan et al (2022)	g Z Boson Events to Study Parton-Medium Usin Interactions in Pb-Pb Collisions; Phys.Rev.Lett. 128 (2022) 12, 122301	2103.04377	Yes	American Physical Society

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Dr. Lokesh Kumar et al (2021)	Global $\Lambda$ -hyperon polarization in Au+Au collisions at $\sqrt{s_{NN}} = 3$ GeV; Phys.Rev.C 104 (2021) 6, L061901	00	Yes	American Physical Society
Janpreet Sidhu, Harpreet Kaur, Gurinder Singh& S.K.. Tripathi (2021)	High thermoelectric performance in cubic inorganic halide perovskite material AgCdX <sub>3</sub> (X = F and Cl) from first principles; Materials Today Energy	2468-6069	Yes	Elsveier
V. Bhatnagar, S. Chauhan et. al., (2022)	Identification of hadronic tau lepton decays using a deep neural network; JINST	00	Yes	IOP Science
Nikhila Awasthi, Aseem Vashisht , Aakriti Bagai, Gulsheen Ahuja, Manmohan Gupta (2021)	Implications of precision measurements and unitarity on CKM paradigm; International Journal of Modern Physics A	0217-751X	Yes	World Scientific Publications
Shilpy Bhullar, Navdeep Goyal, Shikha Gupta (2022)	In-vitro pH-responsive release of imatinib from iron-supplement coated anatase TiO <sub>2</sub> nanoparticles; Scientific Reports	2045-2322	Yes	springer nature
Vipin Bhatnagar, S.Chauhan et al (2022)	Inclusive and differential cross section measurements of single top quark production in association with a Z boson in proton-proton collisions at $\sqrt{s} = 13$ TeV; JHEP	00	Yes	Springer
V. Bhatnagar, S. Chauhan et. al., (2022)	Inclusive nonresonant multilepton probes of new phenomena at $\sqrt{s}=13$ , TeV; Phys. Rev. D	24700010, 24700029	Yes	American Physical Society
Heena Duggal, Ashutosh Kapil, D Mehta, Sanjeev Kumar (2022)	Influence of chemical effects on the Li (i= 1–3) subshell X-ray spectra for <sup>79</sup> Au compounds; Radiation Physics and Chemistry	0969-806X	Yes	Pergamon
Shagun Nag, Anuradha Saini, Ranber Singh, Ranjan Kumar (2021)	Influence of vacancy defects on the thermoelectric performance of SnSe sheet; Physica E: Low-dimensional Systems and Nanostructures	1386-9477	Yes	North-Holland
Dr. Lokesh Kumar et al (2022)	Investigating charm production and fragmentation via azimuthal correlations of prompt D mesons with charged particles in pp collisions at $\sqrt{s}=13$ TeV; Eur.Phys.J.C 82 (2022) 335	00	Yes	Springer
Mandeep Kaur, Sanjeev Gautam, Navdeep Goyal (2021)	Ion-implantation and photovoltaics efficiency: A review; Materials Letters	0167-577X	Yes	Elsevier
Navjot Kaur, Sakshi Gautam and Rajeev K. Puri (2022)	Isospin effects in nuclear fragmentation at 600 MeV/nucleon; European Physical Journal A-Hadrons and Nuclei 58, 7 (2022)	1434-6001	Yes	Springer

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Gurpal Singh Khosa, SK Tripathi, AA Alshaikhi, Shuchi Gupta, Ranjan Kumar (2022)	Janus Al <sub>2</sub> STe monolayer: A prospective thermoelectric material; Solid State Communications	0038-1098	Yes	Pergamon
Dr. Lokesh Kumar et al (2022)	$K^*(892)0$ and $\phi(1020)$ production in p-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV; Phys. Lett. B 827 (2022) 136986	00	Yes	elsevier
Dr. Lokesh Kumar et al (2022)	Light nuclei collectivity from $\sqrt{s_{NN}} = 3$ GeV Au+Au collisions at RHIC; Phys.Lett.B 827 (2022) 136941	00	Yes	elsevier
Kriti Sharma, Ravneet Kaur, Anmol Arora, G.S.S. Saini and S.K. Tripathi (2022)	Light soaking and annealing induced modification of non-linear and linear optical absorption of nanocrystalline CdTe (nc-CdTe) thin films; Journal of Material Science: Materials in Electronics	0957-4522	Yes	springer
Dr. lokesh kumar et al (2022)	Longitudinal double-spin asymmetry for inclusive jet and dijet production in polarized proton collisions at $\sqrt{s} = 510$ GeV; Phys.Rev.D 105 (2022) 9, 092011	02110.11020	Yes	American Physical Society
Vipin Bhatnagar, S.Chauhan et al (2022)	Measurement and QCD analysis of double-differential inclusive jet cross sections in proton-proton collisions at $\sqrt{s} = 13$ TeV; JHEP	00	Yes	Springer
Dr. Lokesh Kumar et al (2022)	Measurement of cold nuclear matter effects for inclusive $J/\psi$ in p+Au collisions at $\sqrt{s_{NN}} = 200$ GeV; Phys.Lett.B 825 (2022) 136865	0370-2693	Yes	elsevier
V. Bhatnagar, S. Chauhan et. al., (2021)	Measurement of differential $\bar{t}t$ production cross sections in the full kinematic range using lepton+jets events from proton-proton collisions at $\sqrt{s} = 13$ , TeV; Phys. Rev. D	00 092013	Yes	American Physical Society
Vipin Bhatnagar, S.Chauhan et al (2022)	Measurement of double-parton scattering in inclusive production of four jets with low transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV; JHEP 01 (2022) 177	00	Yes	Springer
Dr. Lokesh Kumar et al (2022)	Measurement of inclusive charged-particle b-jet production in pp and p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV; JHEP 01 (2022) 178	00	Yes	Springer
Dr. Lokesh Kumar et al (2022)	Measurement of inclusive electrons from open heavy-flavor hadron decays in p+p collisions= 200 GeV with the STAR detector; Phys.Rev.D 105 (2022) 3, 032007	00	Yes	American Physical Society
V. Bhatnagar, S. Chauhan et. al., (2021)	Measurement of prompt open-charm production cross sections in proton-proton collisions at $\sqrt{s} = 13$ TeV; JHEP	00	Yes	Springer

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
V. Bhatnagar, S. Chauhan et. al., (2021)	Measurement of the electroweak production of $Z\gamma$ and two jets in proton-proton collisions at $\sqrt{s} = 13$ TeV and constraints on anomalous quartic gauge couplings; Phys. Rev. D	00	Yes	American Physical Society
V. Bhatnagar, S. Chauhan et. al., (2022)	Measurement of the inclusive $\overline{t}t$ production cross section in proton-proton collisions at $\sqrt{s} = 5.02$ TeV; JHEP	00	Yes	Springer
V. Bhatnagar, S. Chauhan et. al., (2022)	Measurement of the inclusive and differential $\overline{t}t\gamma$ cross sections in the dilepton channel and effective field theory interpretation in proton-proton collisions at $\sqrt{s} = 13$ TeV; JHEP	00	Yes	Springer
V. Bhatnagar, S. Chauhan et. al., (2021)	Measurement of the inclusive and differential Higgs boson production cross sections in the decay mode to a pair of $\tau$ leptons in pp collisions at $\sqrt{s} = 13$ TeV; Phys. Rev. Lett.	00	Yes	American Physical Society
V. Bhatnagar, S. Chauhan et. al., (2021)	Measurement of the inclusive and differential $t\overline{t}\gamma$ cross sections in the single-lepton channel and EFT interpretation at $\sqrt{s} = 13$ TeV; Journal of High Energy Physics	10298479	Yes	Springer
Vipin Bhatnagar, S.Chauhan et al (2022)	Measurement of the inclusive and differential WZ production cross sections, polarization angles, and triple gauge couplings in pp collisions at $\sqrt{s} = 13$ TeV; JHEP07(2022)032	00	Yes	Springer
V. Bhatnagar, S. Chauhan et. al., (2022)	Measurement of the production cross section for Z+b jets in proton-proton collisions at $\sqrt{s} = 13$ , TeV; Phys. Rev. D	00	Yes	American Physical Society
V. Bhatnagar, S. Chauhan et. al., (2021)	Measurement of the top quark mass using events with a single reconstructed top quark in pp collisions at $\sqrt{s} = 13$ TeV; JHEP	10298479	Yes	Springer
Gurjeet Singh, Harpreet Singh Kainth, Gurjot Singh, Nisha Rani, Heena Duggal, Arun Upmanyu, Atul Bha (2022)	Measurement of uranium in phosphate fertilizers for groundwater contamination employing X-ray and $\gamma$ -ray spectroscopic techniques; Journal of Radioanalytical and Nuclear Chemistry	1715–1722	Yes	Springer International Publishing
Vipin Bhatnagar, S.Chauhan et al (2022)	Measurement of $W\pm\gamma^*p\gamma^*\gamma$ differential cross sections in proton-proton collisions at $\sqrt{s} = 13$ TeV and effective field theory constraints; Phys.Rev.D	00	Yes	American Physical Society
Dr. Lokesh Kumar et al (2022)	Measurements of $3\Lambda H$ and $4\Lambda H$ Lifetimes and Yields in Au+Au Collisions in the High Baryon Density Region; Phys. Rev. Lett. 128, 202301 (2022)	00	Yes	American Physical Society

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Vipin Bhatnagar, S.Chauhan et al (2021)	Measurements of angular distance and momentum ratio distributions in three-jet and $Z\{text\{Z\}\}Z +$ two-jet final states in $pp\{text\{p\}\}\{text\{p\}\}pp$ collisions; Eur.Phys.J.C 81 (2021) 9, 852	00	Yes	Springer
Devinder Pal Kaur , B.R. Behera (2022)	Measurements of evaporation residue cross-sections for $48\text{Ti} + 140,142\text{Ce}$ reactions; Nuclear Physics A 1019 (2022) 122384	0375-9474	Yes	ScienceDirect
Vipin Bhatnagar, S.Chauhan et al (2021)	Measurements of Higgs boson production cross sections and couplings in the diphoton decay channel at $s = 13$ TeV; JHEP 07 (2021) 027	10298479	Yes	Springer
Vipin Bhatnagar, S.Chauhan et al (2021)	Measurements of production cross sections of the Higgs boson in the four-lepton final state in proton-proton collisions at $s=13$ TeV; Eur.Phys.J.C 81 (2021) 6, 488	14346044, 14346052	Yes	Springer
Dr. lokesh kumar et al (2022)	Measurements of Proton High Order Cumulants in $s\sqrt{s} = 3$ GeV Au+Au Collisions and Implications for the QCD Critical Point; Phys.Rev.Lett. 128 (2022) 20, 202303	00	Yes	American Physical Society
V. Bhatnagar, S. Chauhan et. al., (2021)	Measurements of the electroweak diboson production cross sections in proton-proton collisions at $\sqrt{s} = 5.02$ TeV using leptonic decays; Phys. Rev. Lett.	00	Yes	American Physical Society
Vipin Bhatnagar, S.Chauhan et al (2021)	Measurements of the $pp \rightarrow \gamma\gamma$ and $pp \rightarrow Z\gamma\gamma$ cross sections at $s = 13$ TeV and limits on anomalous quartic gauge couplings; JHEP 10 (2021) 174	0	Yes	Springer
Manish Dev Sharma (2022)	Metal organic frameworks as versatile platforms for wastewater remediation; Materials Today: Proceedings Volume 57, Part 2, 2022, Pages 846-850	22147853	No	Elsevier
Dr. Lokesh Kumar et al (2022)	Multiplicity dependence of charged-particle jet production in pp collisions at $\sqrt{s} = 13$ TeV; Eur.Phys.J.C 82 (2022) 6, 514	00	Yes	Springer
Dr. Lokesh Kumar et al (2022)	Neutral to charged kaon yield fluctuations in Pb – Pb collisions at $s_{NN} = 2.76$ TeV; Phys.Lett.B 832 (2022) 137242	00	Yes	elsevier
Jeevan Jyoti, Bhanu Pratap Singh, Manjit Sandhu & S.K Tripathi (2022)	New insights on MXene and its advanced hybrid materials for lithium-ion batteries; Sustainable Energy & Fuels	2398-4902	Yes	Royal Society of Chemistry
Dr. lokesh kumar et al (2022)	Observation of a multiplicity dependence in the $p_T$ -differential charm baryon-to-	0	Yes	elsevier

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
	meson ratios in proton-proton collisions at $s = 13$ TeV; Phys.Lett.B 829 (2022) 137065			
V. Bhatnagar, S. Chauhan et. al., (2022)	Observation of $B^0 \rightarrow \psi(2S) K^0_{\text{charm}} \pi^+ \pi^-$ and $B^0_{\text{charm}} \rightarrow \psi(2S) K^0_{\text{charm}} \pi^0$ decays; Eur. Phys. J. C	00	Yes	Springer Science
V. Bhatnagar, S. Chauhan et. al., (2022)	Observation of $B_s^0$ mesons and measurement of the $B_s^0/B^+$ yield ratio in PbPb collisions at Image 1 TeV; Phys. Lett. B	00	Yes	American Physical Society
K.Rojeeta Devi, S.Kumar, N.Kumar, Neelam, F.S.Babra, M.S.R.Laskar, S.Biswas, S.Saha, A. Kumar (2021)	Observation of multiphonon transverse wobbling in $133\text{Ba}$ ; Phys.Lett. B 823, 136756 (2021)	xx	Yes	Elsvier
V. Bhatnagar, S. Chauhan et. al., (2022)	Observation of the $B_c^+$ Meson in Pb-Pb and pp Collisions at $\sqrt{s_{\text{NN}}} = 5.02, 7.69, 13.0$ TeV and Measurement of its Nuclear Modification Factor; Phys. Rev. Lett.	00	Yes	American Physical Society
V. Bhatnagar, S. Chauhan et. al., (2021)	Observation of $tW$ production in the single-lepton channel in pp collisions at $\sqrt{s} = 13$ TeV; JHEP	00	Yes	Springer
Silky Jindal, Sukhdeep Singh, G.S.S. Saini and S.K. Tripathi (2022)	Optimization of thermoelectric power factor of (013)-oriented $\text{Ag}_2\text{Se}$ films via thermal annealing; Materials Research Bulletin	0025-5408	Yes	elsevier
Ranjan Kumar and Dibakar Roy Chowdhury Deepak Kumar, Manoj Gupta, Yogesh Kumar Srivastava, Kojam Mo (2022)	Photoinduced dynamic tailoring of near-field coupled terahertz metasurfaces and its effect on Coulomb parameters; J of Optics	2040-8986	Yes	IOP
S. Sihotra (2022)	Possible AMR in $99\text{Pd}$ ; International Journal of Modern Physics E	2250020	Yes	World Scientific
Vipin Bhatnagar, S.Chauhan et al (2021)	Precision luminosity measurement in proton-proton collisions at $\sqrt{s} = 13$ TeV in 2015 and 2016 at CMS; Eur.Phys.J.C 81 (2021) 9, 800	00	Yes	Springer
V. Bhatnagar, S. Chauhan et. al., (2022)	Precision measurement of the W boson decay branching fractions in proton-proton collisions at $\sqrt{s} = 13$ TeV; Phys. Rev. D	00	Yes	American Physical Society
V. Bhatnagar, S. Chauhan et. al., (2022)	Probing Charm Quark Dynamics via Multiparticle Correlations in Pb-Pb Collisions at $\sqrt{s_{\text{charm}} \text{NN}} = 5.02$ TeV; Phys. Rev. Lett.	00	Yes	American Physical Society
V. Bhatnagar, S. Chauhan et. al., (2021)	Probing effective field theory operators in the associated production of top quarks with a Z boson	00	Yes	Springer

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
	in multielectron final states at $\sqrt{s} = 13$ TeV; JHEP			
Rajesh Kumar et al. (2022)	Probing into crystallography and morphology properties of MoS <sub>2</sub> nanoflowers synthesized via temperature dependent hydrothermal method; Nano Express	2632-959X	Yes	IOP Publishing
Rajesh Kumar et al. (2021)	Probing on crystallographic structural and surface morphology of hydrothermally synthesized MoS <sub>2</sub> nanoflowers consisting of nanosheets; Applied Surface Science Advances	2666-5239	Yes	Elsevier
Aseem Vashisht, Kanwaljeet S. Channey, Aakriti Bagai, Nikhila Awasthi, Gulsheen Ahuja, M. Gupta (2021)	Probing quark mass matrices in the flavor basis; International Journal of Modern Physics A	0217-751X	Yes	World Scientific Publications
Aakriti Bagai, Aseem Vashisht, Nikhila Awasthi, Gulsheen Ahuja, Manmohan Gupta (2021)	Probing texture 4 zero quark mass matrices in the era of precision measurements; hep-ph	00	No	hep-ph
Dr. Lokesh Kumar et al (2022)	Probing the Gluonic Structure of the Deuteron with $J/\psi/\psi$ Photoproduction in d+Au Ultraperipheral Collisions; Phys.Rev.Lett. 128 (2022) 12, 122303	122303	Yes	American Physical Society
Dr. Lokesh Kumar et al (2022)	Production of light (anti)nuclei in pp collisions at $\sqrt{s} = 13$ TeV; JHEP 01 (2022) 106	10.1007	Yes	Springer
Dr. Lokesh Kumar et al (2022)	Production of light (anti)nuclei in pp collisions at $\sqrt{s} = 5.02$ TeV; Eur.Phys.J.C 82 (2022) 4, 289	00	Yes	Springer
Dr. Lokesh Kumar et al (2022)	Prompt D <sup>0</sup> , D <sup>+</sup> , and D <sup>*+</sup> production in Pb–Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV; JHEP 01 (2022) 174	10.1007	Yes	Springer
Neetu Maan, Sanjana Bhatia, Amit Goyal, C N Kumar (2022)	Propagating chirped lambert W-kink solitons for ac-driven higher-order nonlinear Schrödinger equation with quadratic-cubic nonlinearity; Eur. Phys. J. Plus	2190-5444	Yes	SPRINGER
Jeevan Jyoti, Tejendra Gupta, Bhanu Pratap Singh, Manjit Sandhu & S.K Tripathi (2022)	Recent advancement in three dimensional graphene-carbon nanotubes hybrid materials for energy storage and conversion applications; Journal of Energy Storage	2352-152X	Yes	Elsevier
Jeevan Jyoti, Bhanu Pratap Singh & S.K Tripathi (2021)	Recent advancements in development of different cathode materials for rechargeable lithium ion batteries; Journal of Energy Storage	2352-152X	Yes	Elsevier

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Sanjeev Gautam, Dhruv Bhatnagar, Deepika Bansal, Hemant Batra, Navdeep Goyal (2022)	Recent advancements in nanomaterials for biomedical implants; Biomedical Engineering Advances	2667-0992	Yes	Elsevier
Nisha, Sanjana Bhatia, Shailza Pathania, Amit Goyal, C N Kumar (2021)	Riccati generalized resonant states of higher-order nonlinear Schrödinger equation with Pöschl–Teller potential; Optik	0030-4026 / 1618-1336	Yes	Elsevier
V. Bhatnagar, S. Chauhan et. al., (2021)	Search for a heavy Higgs boson decaying into two lighter Higgs bosons in the $\tau\tau$ final state at 13 TeV; JHEP	001126-6708	Yes	Springer
Vipin Bhatnagar, S.Chauhan et al (2022)	Search for a heavy resonance decaying into a top quark and a W boson in the lepton+jets final state at $\sqrt{s} = 13$ TeV; JHEP	00	Yes	Springer
Vipin Bhatnagar, S.Chauhan et al (2021)	Search for a heavy resonance decaying to a top quark and a W boson at $\sqrt{s} = 13$ TeV in the fully hadronic final state; JHEP 12 (2021) 106	00	Yes	Springer
Vipin Bhatnagar, S.Chauhan et al (2021)	Search for a right-handed W boson and a heavy neutrino in proton-proton collisions at $\sqrt{s} = 13$ TeV; Journal of High Energy Physics	10298479	Yes	Springer
Vipin Bhatnagar, Daisy Kalra et al. (2021)	Search for Active-Sterile Antineutrino Mixing Using Neutral-Current Interactions with the NOvA Experiment; Phys.Rev.Lett.	00	Yes	American Physical Society
Vipin Bhatnagar, S.Chauhan et al (2021)	Search for charged Higgs bosons produced in vector boson fusion processes and decaying into vector boson pairs in proton–proton collisions at $\sqrt{s} = 13$ TeV; Eur.Phys.J.C 81 (2021) 8, 723	00	Yes	Springer
V. Bhatnagar, S. Chauhan et. al., (2022)	Search for charged-lepton flavor violation in top quark production and decay in pp collisions at $\sqrt{s} = 13$ TeV; JHEP	00	Yes	Springer
V. Bhatnagar, S. Chauhan et. al., (2021)	Search for chargino-neutralino production in events with Higgs and W bosons using 137 fb <sup>-1</sup> of proton-proton collisions at $\sqrt{s} = 13$ TeV; JHEP	00	Yes	Springer
V. Bhatnagar, S. Chauhan et. al., (2022)	Search for electroweak production of charginos and neutralinos in proton-proton collisions at $\sqrt{s} = 13$ TeV; JHEP	00	Yes	Springer
Vipin Bhatnagar, S.Chauhan et al (2022)	Search for Flavor-Changing Neutral Current Interactions of the Top Quark and Higgs Boson in Final States with Two Photons in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV; Phys. Rev. Lett. 129, 032001	00	Yes	American Physical Society



Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
V. Bhatnagar, S. Chauhan et. al., (2022)	Search for flavor-changing neutral current interactions of the top quark and the Higgs boson decaying to a bottom quark-antiquark pair at $\sqrt{s} = 13$ TeV; JHEP	00	Yes	Springer
Vipin Bhatnagar, S.Chauhan et al (2022)	Search for heavy resonances decaying to a pair of Lorentz-boosted Higgs bosons in final states with leptons and a bottom quark pair at $\sqrt{s} = 13$ TeV; JHEP	00	Yes	Springer
Vipin Bhatnagar, S.Chauhan et al (2022)	Search for heavy resonances decaying to $Z(\nu\bar{\nu})V(q\bar{q})$ in proton-proton collisions at $\sqrt{s} = 13$ TeV; Phys.Rev.D 106 (2022) 1, 012004	00	Yes	American Physical Society
Vipin Bhatnagar, S.Chauhan et al (2022)	Search for heavy resonances decaying to ZZ or ZW and axion-like particles mediating nonresonant ZZ or ZH production at $\sqrt{s} = 13$ TeV; JHEP	00	Yes	Springer
V. Bhatnagar, S. Chauhan et. al., (2022)	Search for higgsinos decaying to two Higgs bosons and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV; JHEP	00	Yes	Springer
V. Bhatnagar, S. Chauhan et. al., (2022)	Search for high-mass resonances decaying to a jet and a Lorentz-boosted resonance in proton-proton collisions at $\sqrt{s} = 13$ TeV; Phys. Lett. B	00	Yes	American Physical Society
V. Bhatnagar, S. Chauhan et. al., (2022)	Search for invisible decays of the Higgs boson produced via vector boson fusion in proton-proton collisions at $\sqrt{s} = 13$ TeV; Phys. Rev. D	00	Yes	American Physical Society
Vipin Bhatnagar, S.Chauhan et al (2021)	Search for lepton-flavor violating decays of the Higgs boson in the $\mu\tau$ and $e\tau$ final states in proton-proton collisions at $\sqrt{s} = 13$ TeV; Phys. Rev. D 104, 032013	00	Yes	American Physical Society
V. Bhatnagar, S. Chauhan et. al., (2021)	Search for Long-Lived Particles Decaying in the CMS End Cap Muon Detectors in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV; Phys. Rev. Lett.	00	Yes	American Physical Society
V. Bhatnagar, S. Chauhan et. al., (2022)	Search for long-lived particles decaying into muon pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV collected with a dedicated high-rate data stream; JHEP	00	Yes	Springer
Vipin Bhatnagar, S.Chauhan et al (2021)	Search for long-lived particles decaying to jets with displaced vertices in proton-proton collisions at $\sqrt{s} = 13$ TeV; Phys.Rev.D 104 (2021) 5	00	Yes	American Physical Society
Vipin Bhatnagar, S.Chauhan et al (2022)	Search for long-lived particles decaying to leptons with large impact parameter in proton-proton collisions at $\sqrt{s} = 13$ TeV; Eur.Phys.J.C 82 (2022) 2, 153	00	Yes	Springer
Vipin Bhatnagar, S.Chauhan et al (2022)	Search for long-lived particles produced in association with a Z boson in proton-proton collisions at $\sqrt{s} = 13$ TeV; JHEP 03(2022)160	00	Yes	Springer

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
V. Bhatnagar, S. Chauhan et. al., (2021)	Search for new particles in events with energetic jets and large missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV; JHEP	00	Yes	Springer
V. Bhatnagar, S. Chauhan et. al., (2022)	Search for new physics in the lepton plus missing transverse momentum final state in proton-proton collisions at $\sqrt{s} = 13$ TeV; JHEP	10298479	Yes	Springer
V. Bhatnagar, S. Chauhan et. al., (2022)	Search for resonances decaying to three W bosons in proton-proton collisions at $\sqrt{s} = 13$ TeV; Phys. Rev. Lett.	00	Yes	American Physical Society
V. Bhatnagar, S. Chauhan et. al., (2022)	Search for resonances decaying to three W bosons in the hadronic final state in proton-proton collisions at $\sqrt{s} = 13$ TeV; Phys. Rev. D	00	Yes	American Physical Society
Vipin Bhatnagar, S.Chauhan et al (2021)	Search for resonant and nonresonant new phenomena in high-mass dilepton final states at $\sqrt{s} = 13$ TeV; JHEP 07 (2021) 208	00	Yes	Springer
V. Bhatnagar, S. Chauhan et. al., (2022)	Search for resonant production of strongly coupled dark matter in proton-proton collisions at 13 TeV; JHEP	00	Yes	Springer
V. Bhatnagar, S. Chauhan et. al., (2022)	Search for single production of a vector-like T quark decaying to a top quark and a Z boson in the final state with jets and missing transverse momentum at $\sqrt{s} = 13$ TeV; JHEP	00	Yes	Springer
Vipin Bhatnagar, S.Chauhan et al (2022)	Search for strongly interacting massive particles generating trackless jets in proton-proton collisions at $\sqrt{s} = 13$ TeV; Eur.Phys.J.C 82 (2022) 3, 213	00	Yes	Springer
Vipin Bhatnagar, S.Chauhan et al (2022)	Search for supersymmetry in final states with two or three soft leptons and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV; JHEP	00	Yes	Springer
Dr. Lokesh Kumar et al (2022)	Search for the chiral magnetic effect with isobar collisions at $\sqrt{s_{NN}} = 200$ GeV by the STAR Collaboration at the BNL Relativistic Heavy Ion Collider; Phys.Rev.C 105 (2022) 1, 014901	24699985, 24699993	Yes	American Physical Society
Vipin Bhatnagar, S.Chauhan et al (2021)	Search for top squark production in fully-hadronic final states in proton-proton collisions at $\sqrt{s} = 13$ TeV; Phys.Rev.D 104 (2021) 5, 052001	00	Yes	American Physical Society
V. Bhatnagar, S. Chauhan et. al., (2022)	Search for $W\gamma$ resonances in proton-proton collisions at $\sqrt{s} = 13$ TeV using hadronic decays of Lorentz-boosted W bosons; Phys. Lett. B	00	Yes	American Physical Society
Vipin Bhatnagar, S.Chauhan et al (2021)	Search for $W'$ bosons decaying to a top and a bottom quark at $\sqrt{s} = 13$ TeV in the hadronic final state; Phys.Lett.B 820 (2021) 136535	0370-2693	Yes	Elsevier

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Vipin Bhatnagar, Daisy Kalra et. al (2021)	Seasonal variation of multiple-muon cosmic ray air showers observed in the NOvA detector on the surface; Phys. Rev. D	00	Yes	American Physical Society
S. Sihotra in et al., (2022)	Shape Coexistence in Proton Rich Se Isotopes; Bulgarian Journal of Physics	Bulgarian Journal of Physics vol. 49 (2022) 108–113	Yes	Bulgarian Journal of Physics
Harneet Kaur, Sanjana Bhatia, Amit Goyal, C N Kumar (2021)	Stationary Hermite-Gaussian solitons and their control for nonlinear Schrödinger equation with complex potential; Physics Letters A	0375-9601 / 1873-2429	Yes	Elsevier
Shagun Nag, Ranber Singh, Ranjan Kumar (2022)	Strain-induced enhancement in the electronic and thermal transport properties of the tin sulphide bilayer; Physical Chemistry Chemical Physics	1463-9076	Yes	Royal Society of Chemistry
Vipin Bhatnagar, S.Chauhan et al (2022)	Strategies and performance of the CMS silicon tracker alignment during LHC Run 2; Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment	00	Yes	Elsevier
Sahil Dani, A Arya, Hitesh Sharma, Rakesh Kumar, Navdeep Goyal, Ravi Kumar, Rabia Pandit (2022)	Structural and electronic properties of double perovskite ruthenates; A <sub>2</sub> GdRuO <sub>6</sub> (where A= Ba, Sr); Journal of Alloys and Compounds	0925-8388	Yes	Elsevier
Priyanka Vashist, Balbir Patial, Suresh Bhardwaj, S.K. Tripathi & Nagesh Thakur (2022)	Structural transition and thermo-physical study of quaternary (Se 80 Te 20 ) 94- x Ge 6 Pb x (0 ≤ x ≤ 12) alloys; Phase Transitions	0141-1594	Yes	Taylor and Francis Ltd.
Preeti Alhan, Suresh Kumar, Ranjan Kumar (2022)	Structure optimization and electronic properties of Co <sub>2</sub> TiX (X= Si, Ge) heusler alloys: A DFT study; ECS Transactions	19385862	Yes	IOP Publishing
Vipin Bhatnagar, S.Chauhan et al (2022)	Study of dijet events with large rapidity separation in proton-proton collisions at $\sqrt{s} = 2.76$ TeV; JHEP	00	Yes	Springer
Vipin Bhatnagar, S.Chauhan et al (2021)	Study of Drell-Yan dimuon production in proton-lead collisions at $\sqrt{s_{NN}} = 8.16$ TeV; JHEP 05 (2021) 182	00	Yes	Springer
Vipin Bhatnagar, S.Chauhan et al (2022)	Study of quark and gluon jet substructure in Z+jet and dijet events from pp collisions; JHEP 01 (2022) 188	00	Yes	Springer
V. Bhatnagar, S. Chauhan et. al., (2022)	Study of quark and gluon jet substructure in Z+jet and dijet events from pp collisions; JHEP	00	Yes	Springer

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Gurpal Singh Khosa, Shuchi Gupta, Ranjan Kumar (2022)	Study of Structural, Electronic and Thermoelectric Properties of ZrP2 monolayer; ECS Transactions	19385862	Yes	Electrochemical Society, Inc.
Vipin Bhatnagar, S.Chauhan et al (2021)	Study of Z boson plus jets events using variables sensitive to double-parton scattering in pp collisions at 13 TeV; JHEP 10 (2021) 176	0	Yes	Springer
Manish Dev Sharma (2021)	Survey of chalcogenide glasses for engineering applications; Material Today Proceedings 45 (2021) 5523-5528	2214-7853	No	Elsevier
Muhanad Alrakabhi et al. (2022)	Systematic measurements of M X-ray components X-ray fluorescence cross-sections for the elements with $77 < Z < 92$ by employing laboratory source based energy dispersive X-ray fluorescence setup; X-ray spectrum. 2022: 1-13 (2022).	X-ray spectrum. 2022: 1-13 (2022).	Yes	willey
Muhanad Alrakabi, Ashutosh Kapil, Heena Duggal, Samarjit Sihotra, Devinder Mehta, Sanjeev Kumar (2022)	Systematic measurements of MX-ray components X-ray fluorescence cross-sections for the elements with $77 \leq Z \leq 92$ by employing laboratory source based energy dispersive X-ray ...; X-Ray Spectrometry	1097-4539	Yes	John Wiley & Sons, Inc.
Ghadah Alghamdi, Ranjan Kumar (2022)	Thermoelectric Properties of Pr3Se4 Compound: DFT Study; ECS Transactions	19385862	Yes	Electrochemical Society, Inc.
Soumya Chatterjee, Sunil Kumar, Sarvesh Kumar, M Oswal, Biraja Mohanty, D Mehta, D Mitra, AMP Mendez (2022)	Understanding the mechanisms of L-shell x-ray emission from Os atoms bombarded by 4–6 MeV/u fluorine ion; Physica Scripta	1402-4896	Yes	IOP Publishing
Amritpal Kaur, Rajesh KumaOr (2021)	Untangling the effect of surfactants as an intermediate at gold nanoparticle-antibiotic interface for enhanced bactericidal effect; ES Food & Agroforestry	ISSN: 2687-7295	Yes	Engineered Science Publisher

## DETAILS OF PUBLICATIONS

### Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
S.Sihotra et al., (2021)	55. Band structures in 100Pd; Proceedings of the DAE Symp. on Nucl. Phys. 65 (2021)	9788183720847	DAE Symp.Nucl.Phys. 62 (2017) 92-93
S.Sihotra et al., (2021)	58. Chiral structur in 120I; DAE	9788183720847	DAE
Shruti, B.R. Behera (2021)	Average Neutron Multiplcity Measurements from the Fission Process of $^{48}\text{Ti}+^{232}\text{Th}$	--	DAE

Name of Author	Title of the Paper	ISSN Number	Publisher
	System; Proceedings of the DAE Symp. on Nucl. Phys. 65 (2021)		
Shashank Singh, B. R. Behera, K. P. Singh (2021)	Charge state distribution of projectile ions inside the solid target using K-shell ionization cross-section; Proceedings of the DAE Symp. on Nucl. Phys. 65 (2021)	--9788183720847	DAE
Sucheta and Sakshi Gautam (2021)	Dynamics of loosely bound nuclei in production of intermediate mass fragments in heavy-ion collision; Proceedings of DAE symposium	818372084-6	BRNS
Attri, Anjali and Singh, Jagbir and Aggarwal, Madan M. (2021)	Event-by-Event Charge Separation in Au+Au Collisions at $(\sqrt{s_{NN}}) = 200$ GeV Using AMPT; Springer Proc.Phys. 261 (2021) 1065--1068	978-981-33-4408-2	Springer
R. Rand and Sakshi Gautam (2021)	Influence of neutron-proton asymmetry on collective motion; Proceedings of DAE Symposium	818372084-6	BRNS
Sandeep dudi and Lokesh Kumar et. al.. (2021)	$\Phi$ and $K^*0^{\{0\}}$ Production in p-Pb and Pb-Pb Collisions with ALICE at the LHC; Springer Proc.Phys. 261 (2021) 679-682	0930-8989	Springer
S. Sihotra (2021)	Multi particle excitation in $^{102}\text{Cd}$ ; DAE	DAE symposium on Nuclear Physics, 2021	DAE
N. Kaur and Sakshi Gautam (2021)	Nuclear stopping as a probe to study charge asymmetry of system at 600 MeV/nucleon; DAE Conference Proceedings	818372084-6	BRNS
S. Sharma and Sakshi Gautam (2021)	Participant-spectator dynamics on peak mass production of IMFs; Proceedings of DAE symposium	818372084-6	BRNS
Devinder Pal Kaur, B. R. Behera, N. Madhavan (2021)	Probing Shell Closure Effect via Evaporation Residue Excitation Function Measurements for $^{48}\text{Ti} + ^{140,142}\text{Ce}$ Systems; Proceedings of the DAE Symp. on Nucl. Phys. 65 (2021)	--	DAE
Arun Upmanyu, Harpreet Singh Kainth, Kailash, Ashutosh Kapil, Sanjeev Kumar, D Mehta (2022)	Rayleigh differential scattering cross-sections for Mn $K\alpha$ and Mn $K\beta$ photons in some rare earth elements; AIP Conference Proceedings	00000	AIP Publishing LLC
S.Sihotra et al., (2021)	Shell model calculations in $^{96}\text{Tc}$ ; DAE	DAE symposium on Nuclear Physics, 2021.	DAE
S.Sihotra et al., (2021)	Shell model description of $^{90}\text{Zr}$ ; DAE	DAE symposium on Nuclear Physics, 2021	DAE
H. Arora, Shruti, Amit, M. Kumar, C. Sharma, N. Kumar, Akhil Jhingan, B.R. Behera (2021)	Study of Charged Particles and Neutrons Emitted from a Completely Symmetric Fusion-Evaporation Reaction at Various Excitation Energies; Proceedings of the DAE Symp. on Nucl. Phys. 65 (2021)	--	DAE

Name of Author	Title of the Paper	ISSN Number	Publisher
Vishal Srivastava, B. R. Behera (2021)	Study of the Reaction $^{27}\text{Al}(d, d)^{27}\text{Al}$ at 5-85 MeV Energies; Proceedings of the DAE Symp. on Nucl. Phys. 65 (2021)	--	DAE
Amit, B.R.Behera, Chetan Sharma (2021)	tatistical Model Calculations for the decay of $^{210}\text{Rn}$ Compound Nuclei at near barrier and above barrier energies; Proceedings of the DAE Symp. on Nucl. Phys. 65 (2021)	--	DAE
Mohit Kumar, A. Jhingan, N. Saneesh, Honey Arora, K. S. Golda, R. Ahuja, B. R. Behera (2021)	The detector system for multi-nucleon transfer reaction study in GPSC of IUAC; Proceedings of the DAE Symp. on Nucl. Phys. 6 (2021)	--	DAE
Shilpy Bhullar, Navdeep Goyal, Shikha Gupta (2022)	Titanium dioxide nanoparticles synthesized using different reagents; AIP Conference Proceedings	1551-7616	AIP Publishing LLC

#### DETAILS OF PUBLICATIONS

##### Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

##### Summary of Research Publications July 1, 2021 to June 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	Department of Physics	Peer Review Journals	156	2	0	158
2	Department of Physics	e-Journals	3	0	0	3
3	Department of Physics	Conference Proceedings	4	16	0	20
4	Department of Physics	Chapter in a book	1	0	0	1

#### RESEARCH SCHEMES

##### Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
Electrowave Electronics Pvt Ltd	CSR Industrial Research Project	3770000	509000	Industry Sponsored	2021 - 2026	Sanjeev Gautam
Ms. Cine-City Photo Equipments Private Ltd.	CSR Industrial Research Project	1470000	1470000	Industry Sponsored	2021 - 2024	Sanjeev Gautam
DST	Indian Participation in the ALICE Experiment at CERN	57750000	3000000	Major	2021 - 2026	Dr. Lokesh Kumar
SERB	MoO <sub>3</sub> -WO <sub>3</sub> nanocomposites for dye removal and charge storage applications	4037264	2573800	Major	2022 - Till Date	Dr. Rajesh Kumar

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT**

**Details of Seminars, Conferences, and Workshops organized during the Academic Year**

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
"Study of Constant Current Source and DC Differential Amplifier", "Passive Filters Circuits", "AC Bridges Experiments", AC Experiments-LCR Circuits"	2021-11-08	2021-11-23	Manish Dev Sharma	100
"Passive Filters Circuits", "AC Bridges Experiments", "Finding Dielectric Constant of Benzene and Dipole moment of Acetone" "AC Experiments- LCR Circuits", "Capacitance meter Circuits", "Determination of 'k/e' using a Transistor", "Measuring High Resistance by Leakage Method"	2021-12-14	2021-12-29	Manish Dev Sharma	80
"Thermal Diffusivity of the brass", "Thermal Relaxation of a serial light bulb", "Bandgap of Silicon Diode", "Introduction to Lock in Amplifier", "Phase transformation in a shape memory alloy", "Phase Sensitive Detection and Calibration of Lock in Amplifier", "Measurement of Mutual Induction and Sma	2022-01-04	2022-01-19	Manish Dev Sharma	150
"Chalcogenide Glasses as Smart Materials and its Fabrication Techniques"	2022-03-11	2022-03-12	Manish Dev Sharma	35
Recent Advances in Science and its Applications (RASA-2022)	2022-03-26	2022-03-26	Manish Dev Sharma	35
Evolution of Electronics to Digital Electronics,	2022-04-20	2022-04-20	Manish Dev Sharma	35
"Thermal Diffusivity of the brass", "Thermal Relaxation of a serial light bulb", "Bandgap of Silicon Diode", "Introduction to Lock in Amplifier", "Phase transformation in a shape memory alloy", "Phase Sensitive Detection and Calibration of Lock in Amplifier", "Measurement of Mutual Induction.....	2022-05-16	2022-05-31	Manish Dev Sharma	100

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY**

**3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022**

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Department of Physics	Sakshi Gautam	65th DAE symposium on Nuclear Physics,	symposium	Academic and Research Event	National	Online	01/12/2021	05/12/2021	DAE-BRNS
2	Department of Physics	Sakshi Gautam	10th International symposium on Nuclear symmetry energy	symposium	Academic and Research Event	International	Online	22/09/2021	15/10/2021	INFN

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
3	Department of Physics	Sakshi Gautam	FDP on Needonomics for Revival of Economy in Post Pandemic Era	Professional Development Programmes	Faculty Development Programme	National	Online	14/07/2021	20/07/2021	UGC-HRDC, PU
4	Department of Physics	C N Kumar	Lecture Series in Nonlinear Dynamics	webinar	Academic and Research Event	National	Online	25/03/2022	25/03/2022	Department of Nonlinear Dynamics, Bharathidasan University
5	Department of Physics	Neeru Choudhary	Online - 7-Days FDP on Needonomics for Revival of Economy in Post Pandemic Era	Professional Development Programmes	Faculty Development Programme	National	Chandigarh	14/07/2021	20/07/2021	HRDC
6	Department of Physics	Manish Dev Sharma	Online - 7-Days FDP on Re-engineering the role of Teacher as Mentor	Professional Development Programmes	Faculty Development Programme	National	Chandigarh	22/07/2021	28/07/2021	HRDC
7	Department of Physics	Manish Dev Sharma	Online - 7-Days FDP on Research in Sciences: Novel tools and Methodologies	Professional Development Programmes	Faculty Development Programme	National	Chandigarh	03/08/2021	09/08/2021	HRDC

### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	Department of Physics	Anjali Attari	“Event-By-Event charge separation in heavy ion collisions using star detector at rhic”	0000-00-00	Prof. M.M. Aggarwal
2	Department of Physics	Harneet Kaur	Approval of Candidacy Pending	0000-00-00	Prof. C.N. Kumar & Dr. Amit Goyal
3	Department of Physics	Veerpal kaur	Approval of Candidacy Pending	0000-00-00	Prof. S.Prakash / Prof. S.K. Tripathi

### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
1	Department of Physics	

#### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
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No Data Entered !



## 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
1	Department of Physics	Indian participation in the CMS experiment at CERN: Maintenance, Operation and Upgradation (Approved, Sanction awaited)	CERN Geneva, Panjb University Chandigarh and India-CMS Collaboration	Vipin Bhatnagar, Sushil S. Chauhan	17/06/2022	International	Fundamental Research in Experimental Particle Physics	DAE-DST, Govt of India	16/06/2027
2	Department of Physics	Indian participation in the ALICE experiment at CERN	CERN Geneva, Panjab University, chandigarh and India-ALICE-STAR Collaboration	Dr. Lokesh Kumar	03/11/2021	International	Fundamental Research in experimental high energy physics	DAE-DST, Govt of India	31/10/2026
3	Department of Physics	Indian participation in the STAR experiment at BNL	Brookhaven National Laboratory, USA, Panjab University Chandigarh and India-STAR Collaboration	Dr. Lokesh Kumar	03/11/2021	International	Fundamental research in experimental high energy physics	DAE-DST, Govt. of India	31/10/2026

## 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	130	10	140
Class rooms	8	0	8
Class rooms with Wifi/LAN facility	8	0	8
Class rooms with ICT facility (LCD/Projector)	2	0	2
No. of Research Labs	22	0	22
No. of Computer labs	2	0	2
Video Centre	1	0	1
Seminar Halls with ICT facility	2	0	2
Seminar Halls	2	0	2
No. of important equipments purchased ( $\geq$ 10 lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0

#### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

#### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
Vigilance awareness week	26/10/2021	26/10/2021
National Science day celebration	22/02/2022	28/02/2022

#### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

#### 7. Number of Patents Published/Awarded

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

#### 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

## STATISTICS

### SUMMARY OF PUBLICATIONS

#### PUBLICATIONS

#### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Sangeeta Arora, Kalpana K. Mahajan, Purna Godura (2021)	Bayesian Estimation Of Bonferroni Curve And Zenga Curve In Case Of Dagum Distribution; Recent Advances in Time Series Forecasting; CRC Press- A Taylor & Francis Group	0000000	International
Prof. Suresh K. Sharma (2022)	Common Statistical Errors in Medical Research; Neo-Hippocratic Medicine 5th Edition; International Medical Olympiad, Greece	000	International
Kanchan Jain, Neetu Singla, Suresh Kumar Sharma (2021)	Power Comparison of Different Goodness of Fit Tests for Beta Generalized Weibull Distribution; 1st Edition Optimal Decision Making in Operations Research and Statistics Methodologies and Applications; CRC Press	9780367618759	International
Kalpana K. Mahajan, Sangeeta	Test of Homogeneity of Scale Parameters Based on Function of Sample Quasi Ranges; Mathematics	0000000	International

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Arora & Anil Gaur (2022)	& Statistics; Annual Conference of the Society of Statistics, Computer and Applications		
Kanchan Jain & Harmanpreet Singh Kapoor (2022)	Ultimate Ruin Probability for Benktander Gibrat Risk Model in Applied Statistical Methods; ISGES 2020: Applied Statistical Methods; Springer Proceedings in Mathematics and Statistics 380 , Springer Nature Singapore Pte Ltd. , D. D. Hanagal et al. (eds.)	ISBN 978-981-16-7931-5 , ISBN 978-981-16-7932-2(e-book)	International

#### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Ramesh K. Sen, Reet Mukhopadhyay, Veeresh Pattanshetti, Gaurav Saini, Sujit Kumar Tripathy, Siddhart (2022)	A New Classification System for Acetabular Bone Defect Evaluation in Posttraumatic Acetabular Nonunion and Malunion; Indian Journal of Orthopedics	19983727, 00195413	Yes	Indian Journal of Orthopedics
Sangeeta Arora, Kalpana K. Mahajan, Vikas Jangra (2022)	Bayesian Estimation Of Gini Index And Bonferroni Index In Case Of Dagum Distribution; Statistics In Transition New Series	2450-0291	Yes	Sciendo
Mayank M. Agarwal MCh,Suresh Sharma PhD,Saurabh Jain MCh,Durga Prasad MCh,Ved Bhaskar MCh,Shailendra (2022)	Can urodynamic diagnosis of dysfunctional voiding/external sphincter nonrelaxation be made on two-channel pressure-flow study without video-urodynamics, electromyography, or urethral pressure profilometry? Plateau detrusor pattern in perspective; Journal of Neurourology and Urodynamics	1520-6777	Yes	Wiley Publication
Maheshwari, S., Grover, V., Gupta, J., Kumar, Narinder and Jain, A. (2021)	Effect of non-surgical periodontal therapy on the serum and cervical fluid Interleukin 10 levels in chronic periodontitis - A systematic review and meta-analysis; International Journal of Health Sciences, Vol. 15 (6), 34-46	1658-3639	Yes	Qassim University
Ritu Kumari, ,Sangeeta Arora, Kalpana K. Mahajan (2022)	Estimation of stress-strength reliability for Dagum distribution based on progressive type-II censored sample in Model Assisted Statistics and Applications; Model Assisted Statistics and Applications	00000000	Yes	IOS Press
Kaushal Sharma, PriyaBattu, Ramandeep	Modulated anti-VEGF therapy under the influence of lipid metabolizing proteins in	20452322	Yes	Scientific Reports

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Singh, Suresh Kumar Sharma & Akshay Anand (2022)	Age related macular degeneration: A pilot study; Scientific Reports			
Kanchan Jain, Sudheesh K. Kattumannil and Anjana Rajagopal (2022)	Replacement model with random replacement time; Statistical Papers	ISSN: 1613-9798	Yes	3
Ramesh K. Sen, Veeresh Shetti, Suresh Kumar Sharma and et al. (2022)	Satisfaction and Health-Related Quality of Life Following Hip and Knee Arthroplasty Surgeries in Indian Patients: A Cross-Sectional Study; Indian Journal of Orthopaedics	ISSN: 0019-5413	Yes	Metrics
Jatesh Kumar, Amar Nath Gill and Anju Goyal (2022)	Simultaneous Testing Procedure for the Ordered Pair-Wise Comparisons of Location Parameters of Exponential Populations under Heteroscedasticity; Statistics and Applications	2454-7395 (online)	No	Society of Statistics, Computer and Applications
• Goyal A., Gill A.N. and Maurya, Vishal (2022)	Subset Selection of $\epsilon$ - Better Exponential Populations under Heteroscedasticity; Journal of Statistics Applications & Probability An International Journal	000000000	Yes	Natural Sciences Publishing Cor
Suresh Kumar Sharma, Kanchan Jain and Gurpreet Singh Bawa (2022)	Supervised Bernoulli Text Topic Identification Model using Naïve Bayes; International Journal on Emerging Technologies	(Print) : 0975-8364, (Online): 2249-3255	Yes	Research Trend
Kanchan Jain , Suresh Kumar Sharma and Gurpreet Singh Bawa (2021)	Supervised Bernoulli Text Topic Identification Model using Naïve Bayes; Asian Journal of Statistical Sciences	2582-9912	Yes	Academic Research Foundations (ARF India)
Kaushal Sharma 1 2,Suresh Sharma, Sridhar Bammidi 1, Rah (2022)	YOGA as a preventive intervention for Cardiovascular diseases and associated co-morbidities: open-label single arm study; Frontiers in Public Health, section Clinical Diabetes	02515342, 16622995	Yes	Frontiers in Public Health, section Clinical Diabetes

#### DETAILS OF PUBLICATIONS

##### Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### DETAILS OF PUBLICATIONS

##### Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

**Summary of Research Publications July 1, 2021 to June 30, 2022**

S.no	Department	Type of Journal	International	National	Others	Total
1	Department of Statistics	Peer Review Journals	12	0	0	12
2	Department of Statistics	Non Peer Review Journals	1	0	0	1
3	Department of Statistics	Chapter in a book	5	0	0	5

**RESEARCH SCHEMES**

**Sponsored Research Projects during the Academic Year 2021 - 2022**

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
ICMR	Multicentric study to assess the exposure and health effects of pesticides	5267000	1000000	Major	2019 - 2022	Prof. J.S. Thakur
ICMR	National Environment Health Profile-Ludhiana	5000000	1200000	Major	2018 - 2022	Prof. P.V. Lakshmi

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT**

**Details of Seminars, Conferences, and Workshops organized during the Academic Year**

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Workshop on Personality Development and Communication Skills	2022-03-28	2022-03-29	Department Of Statistics, Panjab University, Chandigarh	74
Seven Days Online Workshop in SPSS	2022-05-16	2022-05-24	Department of Statistics, USOL, Panjab University in collaboration with Department of Statistics, Panjab University, Chandigarh	67
One Day Workshop on the Applications of Statistics in Social Science & Research	2022-03-30	2022-03-30	Department of Statistics, USOL, Panjab University in collaboration with Department of Statistics, Panjab University, Chandigarh	62
One-Day Online Webinar On Introduction To Data Science, Data Analytics And Machine Learning	2022-02-28	2022-02-28	Department of Statistics, Panjab University, Chandigarh	85
One-Day Online Webinar On National Achievement Survey	2022-01-22	2022-01-22	Department of Statistics, USOL, Panjab University in collaboration with Department of Statistics, Panjab University, Chandigarh	65
Three Days Online Workshop On Latex	2022-01-05	2022-01-07	Department of Statistics, USOL, Panjab University in collaboration with Department of Statistics, Panjab University, Chandigarh	70
One-Day Online Webinar On Emerging Sources Of Data For Compilation Of Consumer Price Index (CPI)	2021-11-30	2021-11-30	Department of Statistics, USOL, Panjab University in collaboration with Department of Statistics, Panjab University, Chandigarh	45
NATIONAL WEBINAR ON Sample Size Estimation in Health Studies	2021-12-07	2021-12-07	Department of Statistics, USOL, Panjab University in collaboration	54

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Online Webinar On Cybersecurity & Data Protection	2021-10-19	2021-10-19	with Department of Statistics, Panjab University, Chandigarh Department of Statistics, USOL, Panjab University in collaboration with Department of Statistics, Panjab University, Chandigarh	46
International Webinar on Application of Some Cutting -Edge Statistical and Machine Learning Models in Business and Medicine	2021-11-15	2021-11-15	Department of Statistics, USOL, Panjab University in collaboration with Department of Statistics, Panjab University, Chandigarh	67
Online Webinar On Neuroscience Of Yoga	2021-10-07	2021-10-07	Department of Statistics, USOL, Panjab University in collaboration with Department of Statistics, Panjab University, Chandigarh	56
Nine days online workshop on “statistical techniques computation using r / r-studio”	2021-09-13	2021-09-21	Department of Statistics, USOL, Panjab University in collaboration with Department of Statistics, Panjab University, Chandigarh	78
National Level Online Training Programme In Statistics For Competitive / Entrance Examinations	2021-08-02	2021-08-31	Department of Statistics, USOL, Panjab University in collaboration with Department of Statistics, Panjab University, Chandigarh	38
One-day online international comparisons in Actuarial science and applications	2021-07-05	2021-07-05	Department of Statistics, USOL, Panjab University in collaboration with Department of Statistics, Panjab University, Chandigarh	65

### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

#### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S.n	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Department of Statistics	Prof. Narinder Kumar	International Webinar on Recent Trend in Statistical and Application – 2022 (WSTA-2022)	webinar	Academic and Research Event	International	Department of Statistics, University of Kerala, Trivandrum, India	29/06/2022	02/07/2022	Department of Statistics, University of Kerala, Trivandrum, India
2	Department of Statistics	Prof. Narinder Kumar	Continuing Education Program (CEP) on ‘Geo-Hazard Forecast and Data Analytics’	workshop	Academic and Research Event	National	Defence Geo-informatics Research Establishment (DGRE), Chandigarh	20/05/2022	24/05/2022	Defence Geo-informatics Research Establishment (DGRE), Chandigarh
3	Department of Statistics	Prof. Narinder Kumar	Online International Conference FIM-IMIP-UMSO 2021	conference	Academic and Research Event	International	Kitakyushu, Japan	26/12/2021	28/12/2021	Kitakyushu, Japan

S.n o	Departmen t	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
4	Departmen t of Statistics	Prof. Narinder Kumar	Seventh International Conference on Statistics for Twenty-first Century - 2021 [ICSTC-2021]	conference	Academic and Research Event	Internation al	Department of Statistics, University of Kerala	15/12/20 21	19/12/20 21	Department of Statistics, University of Kerala
5	Departmen t of Statistics	Prof. Narinder Kumar	National Workshop on Statistical Techniques Computation using R/R- Studio for faculty members/Resear ch Scholars	workshop	Academic and Research Event	University	University School of Open Learning and Department of Statistics, Panjab University, Chandigarh	13/09/20 21	21/09/20 21	University School of Open Learning and Department of Statistics, Panjab University, Chandigarh
6	Departmen t of Statistics	Mr. Harmind er Singh	online workshop on "Statistical techniques computation using R/R- Studio"	workshop	Academic and Research Event	University	Department of Statistics, USOL, Panjab University in collaboratio n with Department of Statistics, Panjab University, Chandigarh	13/09/20 21	21/09/20 21	Department of Statistics, USOL, Panjab University in collaboration with Department of Statistics, Panjab University, Chandigarh
7	Departmen t of Statistics	Mr. Harmind er Singh	Three days online workshop on "Skill development and improving employability"	workshop	Academic and Research Event	University	Department Of Statistics, Panjab University, Chandigarh	03/03/20 22	05/03/20 22	Department Of Statistics, Panjab University, Chandigarh
8	Departmen t of Statistics	Sangeeta Arora	One-Day Webinar	webinar	Academic and Research Event	National	Chandigarh	20/07/20 21	20/07/20 21	Deptt. of Statistics, Panjab University, Chandig arh
9	Departmen t of Statistics	Sangeeta Arora	WSTA-2022	webinar	Academic and Research Event	Internation al	Trivandrum,	29/06/20 22	02/07/20 22	Trivandrum,
10	Departmen t of Statistics	Prof. Kanchan Jain	Sixth International Webinar on "Recent Trends in Statistical Theory and Applications- 2022 (WSTA- 2022)	webinar	Academic and Research Event	Internation al	Trivandrum	29/06/20 22	02/07/20 22	Department of Statistics, School of Physical and Mathematical Sciences, University of Kerala, Trivandrum
11	Departmen t of Statistics	Mr. Harmind er Singh	Lecture and quiz competition held in the memory of Prof. P.C. Mahalanobis celebrating National Statistics Day	other	Academic and Research Event	University	University School of Open Learning and Department of Statistics, Panjab University, Chandigarh	29/06/20 22	29/06/20 22	Department of Statistics, USOL, Panjab University in collaboration with Department of Statistics, Panjab University, Chandigarh

S.n o	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
12	Department of Statistics	Mr. Harminder Singh	one day workshop on the Applications of Statistics in Social Science & Research	workshop	Academic and Research Event	National	Department Of Statistics, Panjab University, Chandigarh	30/03/2022	30/03/2022	Department of Statistics, Panjab University, Chandigarh in collaboration with ICSSR-NWR Centre, Panjab University, Chandigarh
13	Department of Statistics	Mr. Harminder Singh	two days workshop on Personality development and communication skills	workshop	Academic and Research Event	University	Department Of Statistics, Panjab University, Chandigarh	28/03/2022	29/03/2022	Department Of Statistics, Panjab University, Chandigarh
14	Department of Statistics	Mr. Harminder Singh	one day online webinar on "Introduction of Data Science, Data analytics and Machine learning"	webinar	Academic and Research Event	University	Department Of Statistics, Panjab University, Chandigarh	28/02/2022	28/02/2022	Department Of Statistics, Panjab University, Chandigarh
15	Department of Statistics	Mr. Harminder Singh	one day online webinar on "National Achievement Survey" by Dr.Gulfam, Assistant Professor, Educational Survey Division, NCERT, New Delhi	webinar	Academic and Research Event	National	Department Of Statistics, Panjab University, Chandigarh	22/01/2022	22/01/2022	Department Of Statistics, Panjab University, Chandigarh
16	Department of Statistics	Mr. Harminder Singh	one-day online webinar on "Importance and object of national law day and preamble of the constitution of India" by Prof. J.K. Chauhan (Retired) from Department of Law, Panjab University, Chandigarh	webinar	Academic and Research Event	University	Department Of Statistics, Panjab University, Chandigarh	13/12/2021	13/12/2021	Department Of Statistics, Panjab University, Chandigarh
17	Department of Statistics	Mr. Harminder Singh	one-day online national webinar on "Sample size estimation in health studies" by Prof. C.M. Pandey from Lucknow	webinar	Academic and Research Event	National	Department Of Statistics, Panjab University, Chandigarh	07/12/2021	07/12/2021	Department Of Statistics, Panjab University, Chandigarh
18	Department of Statistics	Mr. Harminder Singh	online webinar on "E-Waste management & recycling" by Dr.PayalNandurkar from WE-	webinar	Academic and Research Event	National	Department Of Statistics, Panjab University, Chandigarh	02/12/2021	02/12/2021	Department Of Statistics, Panjab University, Chandigarh



S.n o	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
19	Department of Statistics	Mr. Harminder Singh	The Recycling company, Mumbai one-day online webinar on “Emerging sources of data for compilation of consumer price index (CPI)” by Mr. Rakesh Kumar	webinar	Academic and Research Event	National	Department Of Statistics, Panjab University, Chandigarh	30/11/2021	30/11/2021	Department Of Statistics, Panjab University, Chandigarh
20	Department of Statistics	Mr. Harminder Singh	one-day online international webinar on “Application of some cutting-edge statistical and machine learning models in business and medicine” by Prof. Kuldeep Kumar from Bond University, Australia	webinar	Academic and Research Event	International	Department Of Statistics, Panjab University, Chandigarh	15/11/2021	15/11/2021	Department Of Statistics, Panjab University, Chandigarh
21	Department of Statistics	Mr. Harminder Singh	one-day online webinar on “Cybersecurity & Data protection” by Sh. ArunSoni, International author and cybersecurity expert	webinar	Academic and Research Event	National	Department Of Statistics, Panjab University, Chandigarh	19/10/2021	19/10/2021	Department Of Statistics, Panjab University, Chandigarh
22	Department of Statistics	Mr. Harminder Singh	one-day online webinar on “Neuroscience of Yoga” by Prof. AkshayAnand from PGI, Chandigarh	webinar	Academic and Research Event	National	Department Of Statistics, Panjab University, Chandigarh	07/10/2021	07/10/2021	Department Of Statistics, Panjab University, Chandigarh
23	Department of Statistics	Mr. Harminder Singh	one-day webinar on “Optimal Mixture Designs in Pharmaceutical Experiments” by Prof. Manisha Pal, Department of Statistics, University of Calcutta, India	webinar	Academic and Research Event	National	Department Of Statistics, Panjab University, Chandigarh	20/07/2021	20/07/2021	Department Of Statistics, Panjab University, Chandigarh
24	Department of Statistics	Mr. Harminder Singh	online international webinar by Prof. N. Balakrishnan, McMaster University, Ontario, Canada	webinar	Academic and Research Event	International	Department Of Statistics, Panjab University, Chandigarh	05/07/2021	05/07/2021	Department Of Statistics, Panjab University, Chandigarh

S.n o	Departme nt	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
25	Departmen t of Statistics	Dr. Anju Goyal	Lecture and quiz competition held in the memory of Prof. P.C. Mahalanobis celebrating National Statistics Day	webinar	Academic and Research Event	National	Department Of Statistics, Panjab University, Chandigarh	29/06/20 22	29/06/20 22	Department Of Statistics, Panjab University, Chandigarh
26	Departmen t of Statistics	Dr. Anju Goyal	One day workshop on the Applications of Statistics in Social Science & Research	workshop	Academic and Research Event	National	Department of statistics, panjab university, chandigarh	30/03/20 22	30/03/20 22	Department Of Statistics, Panjab University, Chandigarh
27	Departmen t of Statistics	Dr. Anju Goyal	• Two days workshop on Personality development and communication skills	workshop	Academic and Research Event	University	Department Of Statistics, Panjab University, Chandigarh	28/03/20 22	29/03/20 22	Department Of Statistics, Panjab University, Chandigarh
28	Departmen t of Statistics	Dr. Anju Goyal	Three days online workshop on “Skill development and improving employability”	workshop	Academic and Research Event	National	Department Of Statistics, Panjab University, Chandigarh	03/03/20 22	05/03/20 22	Department Of Statistics, Panjab University, Chandigarh
29	Departmen t of Statistics	Dr. Anju Goyal	One day online webinar on “Introduction of Data Science, Data analytics and Machine learning” by Mohinder Kumar, Assistant Professor, Computer Science and Applications, Panjab Univeristy Regional Centre, Sri Muktsar Sahib, Punjab	webinar	Academic and Research Event	National	Department Of Statistics, Panjab University, Chandigarh	28/02/20 22	28/02/20 22	Department Of Statistics, Panjab University, Chandigarh
30	Departmen t of Statistics	Dr. Anju Goyal	One day online webinar on “National Achievement Survey” by Dr.Gulfam, Assistant Professor, Educational Survey Division, NCERT, New Delhi	webinar	Academic and Research Event	National	Department Of Statistics, Panjab University, Chandigarh	22/01/20 22	22/01/20 22	Department Of Statistics, Panjab University, Chandigarh
31	Departmen t of Statistics	Dr. Anju Goyal	Three days’ online workshop on LaTeX	workshop	Academic and Research Event	National	Department Of Statistics, Panjab University, Chandigarh	05/01/20 22	07/01/20 22	Department Of Statistics, Panjab University, Chandigarh

S.n o	Departme nt	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
32	Departmen t of Statistics	Dr. Anju Goyal	• One-day webinar on “Importance and object of national law day and preamble of the constitution of India” by Prof. J.K. Chauhan (Retired) from Department of Law, Panjab University, Chandigarh	webinar	Academic and Research Event	University	Department Of Statistics, Panjab University, Chandigarh	13/12/20 21	13/12/20 21	Department Of Statistics, Panjab University, Chandigarh
33	Departmen t of Statistics	Dr. Anju Goyal	• One-day National webinar on “Sample size estimation in health studies” by Prof. C.M. Pandey from Lucknow	webinar	Academic and Research Event	National	Department Of Statistics, Panjab University, Chandigarh	07/12/20 21	07/12/20 21	Department Of Statistics, Panjab University, Chandigarh
34	Departmen t of Statistics	Dr. Anju Goyal	• Webinar on “E-Waste management & recycling” by Dr.PayalNandur kar from WE- The Recycling company, Mumbai	webinar	Academic and Research Event	National	Department Of Statistics, Panjab University, Chandigarh	02/12/20 21	02/12/20 21	Department Of Statistics, Panjab University, Chandigarh
35	Departmen t of Statistics	Dr. Anju Goyal	• Webinar on “Emerging sources of data for compilation of consumer price index (CPI)” by Mr. Rakesh Kumar	webinar	Academic and Research Event	National	Department Of Statistics, Panjab University, Chandigarh	30/11/20 21	30/11/20 21	Department Of Statistics, Panjab University, Chandigarh
36	Departmen t of Statistics	Dr. Anju Goyal	• One-day international webinar on “Application of some cutting- edge statistical and machine learning models in business and medicine” by Prof.Kuldeep Kumar from Bond University, Australia	webinar	Academic and Research Event	University	Department Of Statistics, Panjab University, Chandigarh	15/11/20 21	15/11/20 21	Department Of Statistics, Panjab University, Chandigarh
37	Departmen t of Statistics	Dr. Anju Goyal	• One-day webinar on “Cybersecurity & Data protection” by Sh. ArunSoni, International author and	webinar	Academic and Research Event	Internation al	Department Of Statistics, Panjab University, Chandigarh	19/10/20 21	19/10/20 21	Department Of Statistics, Panjab University, Chandigarh

S.n	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
			cybersecurity expert							
38	Department of Statistics	Dr. Anju Goyal	• One-day webinar on “Neuroscience of Yoga” by Prof. Akshay Anand from PGI, Chandigarh	webinar	Academic and Research Event	National	Department Of Statistics, Panjab University, Chandigarh	07/10/2021	07/10/2021	Department Of Statistics, Panjab University, Chandigarh
39	Department of Statistics	Dr. Anju Goyal	• One-day webinar on “Optimal Mixture Designs in Pharmaceutical Experiments” by Prof. Manisha Pal, Department of Statistics, University of Calcutta, India	webinar	Academic and Research Event	National	Department Of Statistics, Panjab University, Chandigarh	20/07/2021	20/07/2021	Department Of Statistics, Panjab University, Chandigarh
40	Department of Statistics	Dr. Anju Goyal	• International webinar by Prof. N. Balakrishnan, McMaster University, Ontario, Canada	webinar	Academic and Research Event	International	Department Of Statistics, Panjab University, Chandigarh	05/07/2021	05/07/2021	Department Of Statistics, Panjab University, Chandigarh
41	Department of Statistics	Dr. Anju Goyal	One Day Regional Workshop to Dissiminate findings of NFHS 5	workshop	Training/Orientation	National	Mountview Chandigarh	28/06/2022	28/06/2022	IIPS
42	Department of Statistics	Prof. Suresh K. Sharma	Special Invited Lecture On “Statistical Methods Used in Social, Medical and Biological Sciences”	other	Academic and Research Event	National	Department of Statistics, Utkal University, Vani Vihar, Bhubaneswar-751004, Odisha, India	09/03/2022	09/03/2022	Department of Statistics, Utkal University, Vani Vihar, Bhubaneswar-751004, Odisha, India
43	Department of Statistics	Prof. Kanchan Jain	Fifth International Webinar on Recent Trends in Statistical Theory and Applications-2021 (WSTA-2021)	webinar	Academic and Research Event	International	Department of Statistics, University of Kerala, Trivandrum	01/07/2021	02/07/2021	Indian Society for Probability and Statistics (ISPS), Kerala Statistical Association (KSA) and the Department of Statistics, University of Kerala, Trivandrum
44	Department of Statistics	Prof. Kanchan Jain	National Workshop on Statistical Techniques Computation using R/R-Studio for faculty members/Research Scholars	workshop	Training/Orientation	National	University School of Open Learning and Department of Statistics, Panjab University, Chandigarh	13/09/2021	21/09/2021	University School of Open Learning and Department of Statistics, Panjab University, Chandigarh

S.n	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
45	Department of Statistics	Prof. Kanchan Jain	Three days' online workshop on LaTeX	workshop	Academic and Research Event	National	Department Of Statistics, Panjab University, Chandigarh	05/01/2022	07/01/2022	Department Of Statistics, Panjab University, Chandigarh
46	Department of Statistics	Prof. Kanchan Jain	One Day Regional Workshop to Disseminate findings of NFHS 5	workshop	Academic and Research Event	National	Mountview Chandigarh	28/06/2022	28/06/2022	IIPS
47	Department of Statistics	Prof. Kanchan Jain	One-day webinar on "Optimal Mixture Designs in Pharmaceutical Experiments" by Prof. Manisha Pal, Department of Statistics, University of Calcutta, India	seminar	Academic and Research Event	National	Online	20/07/2021	20/07/2021	Department Of Statistics, Panjab University, Chandigarh
48	Department of Statistics	Prof. Kanchan Jain	International webinar by Prof. N. Balakrishnan, McMaster University, Ontario, Canada	webinar	Academic and Research Event	International	Online	05/07/2021	05/07/2021	Department Of Statistics, Panjab University, Chandigarh
49	Department of Statistics	Prof. Kanchan Jain	Seventh International Conference on Statistics for Twenty-first Century - 2021 [ICSTC-2021]	conference	Academic and Research Event	International	Online	15/12/2021	19/12/2021	Department of Statistics, University of Kerala, Trivandrum
50	Department of Statistics	Prof. Kanchan Jain	Online Seminar on National Statistics Day	webinar	Academic and Research Event	University	Online	29/06/2022	29/06/2022	Department of Statistics and Operations Research, Kurukshetra University, Kurukshetra
51	Department of Statistics	Prof. Kanchan Jain	4th International Conference on Frontiers in Industrial and Applied Mathematics (FIAM-2021)	conference	Academic and Research Event	International	Department of Mathematics, SLIET, Longowal, Punjab, India	21/12/2021	22/12/2021	Department of Mathematics, SLIET, Longowal, Punjab
52	Department of Statistics	Prof. Kanchan Jain	Online Seminar An Insight into Actuarial Science	webinar	Academic and Research Event	Other	Goswami Ganesh Datta S.D. College, Chandigarh	23/10/2021	23/10/2021	Goswami Ganesh Datta S.D. College, Chandigarh
53	Department of Statistics	Prof. Kanchan Jain	National Level Online Training Programme In Statistics For Competitive/	Professional Development Programme	Training/Orientation	National	Online	02/08/2021	31/08/2021	Department of Statistics, Panjab University, Chandigarh

S.No	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
			Entrance Examinations							
54	Department of Statistics	Prof. Kanchan Jain	Webinar on "E-Waste management & recycling" by Dr. Payal Nandurkar from WE-The Recycling company, Mumbai	webinar	Environment Awareness Event	University	Department Of Statistics, Panjab University, Chandigarh	02/12/2021	02/12/2021	Department Of Statistics, Panjab University, Chandigarh
55	Department of Statistics	Prof. Kanchan Jain	SPSS Workshop	workshop	Training/Orientation	National	Online	16/05/2022	23/05/2022	Department Of Statistics, Panjab University, Chandigarh
56	Department of Statistics	Prof. Kanchan Jain	SPSS Workshop	workshop	Training/Orientation	National	Online	15/12/2021	22/12/2021	Department Of Statistics, Panjab University, Chandigarh

### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
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NIL

### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
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NIL

#### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
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NIL

#### 2. Details of Collaborative activities

SN	Department	Title of Collaborative Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
1	Department of Statistics	Effect of non-surgical periodontal therapy on the serum and cervical fluid Interleukin 10 levels in chronic periodontitis - A systematic review and	Maheshwari, S., Grover, V., Gupta, J., and Jain, A. Department of Periodontology, Dr. Harvansh Singh Judge Institute of Dental Sciences and Hospital,	Prof. Narinder Kumar	01/07/2021	International	Research Collaboration	NA	30/06/2022

SN	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
		meta-analysis (2021), International Journal of Health Sciences, Vol. 15 (6), 34-46	Panjab University, Chandigarh, India						
2	Department of Statistics	E-Waste Management & Recycling	WE - The Recycling Company,	80	02/12/2021	Industrial	Webinar	NA	31/07/2022
3	Department of Statistics	Nine Days Online Workshop On "Statistical Techniques Computation Using R / R-Studio"	Department of Statistics University School of Open Learning, Panjab University, Chandigarh	78	13/09/2021	National	Workshop	NA	21/09/2021

### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	108	0	108
Class rooms	0	0	0
Class rooms with Wifi/LAN facility	1	0	1
Class rooms with ICT facility (LCD/Projector)	3	0	3
No. of Research Labs	0	0	0
No. of Computer labs	1	0	1
Video Centre	0	0	0
Seminar Halls with ICT facility	1	0	1
Seminar Halls	0	0	0
No. of important equipments purchased ( $\geq$ 10 lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0

### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
National Statistics day	29/06/2022	29/06/2022

### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

## 7. Number of Patents Published/Awarded

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

## 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

# UNIVERSITY INSTITUTE OF FASHION TECHNOLOGY & VOCATIONAL DEVELOPMENT

## SUMMARY OF PUBLICATIONS

University Institute of Fashion Technology and Vocational Development introduced a Five year Integrated Course in B. Sc. and M. Sc. in Fashion and Lifestyle Technology in July 2007. This course readies professionals for jobs in the Industry, Corporate, and Academia as also to start up a Private Enterprise or Venture. Rigorous training is imparted to the students in areas spanning over all aspects of the Fashion Industry. The pedagogy at University Institute of Fashion Technology and Vocational Development incorporates a nurturing environment which is a cohesive amalgamation of modern and conventional learning techniques. The methodology adopted gives inputs in core functional areas along with inter-disciplinary fields by problem solving methods. Fashion Journalism and Photography, Fashion Enterprise Management and Supply Chain, Quality Control, Cost and Logistics are some of the disciplines they are acquainted with during the course. The students are trained to be Fashion Illustrators, Designers, Pattern and Product Developers and are prepared to cater to the fast moving Fashion Industry in every way. Knowledge and Application of Textile and Computer Technology enable them to move with the flow of time. Students are given an opportunity to organize Fashion Shows and Exhibitions. They are exposed to In-House Training on state-of-art equipment and Industrial Experience, Research and Craft Surveys. The mode of instruction is highly student-centered and is through Projects, Seminars, Workshops, Educational Tours and Exhibitions. The evaluation system is a continuous assessment throughout the semester by way of assignments, projects, internships, and presentations. Their deep understanding and exposure in vast areas helps them fit into the Niche' Market as well as in the Mass Market of Fashion Makers. The aim is to incorporate Lifestyle Management in Professional and Personal life of every student and to provide the institution a continuous feedback on the performance and development of all the pass outs.

## PUBLICATIONS

### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Prabhdip Brar, Ph.D. (2021)	A Peek into the Haven-2020 Published by Bharti Publications, New Delhi. July 2021; A Peek into the Haven-2020 Published by Bharti Publications, New Delhi. July 2021; Bharti Publications, New Delhi	ISBN:9789390818488	National
Anu H. Gupta (2021)	Crafts of Punjab; Crafts of Punjab; Punjab Small Industries & Export Corporation Limited	NIL	National
Prabhdip Brar Ph.D (2021)	Glimpses of World Costumes, A Historical Perspective; Glimpses of World Costumes, A Historical Perspective; Author's Ink	ISBN:978-93-92665-20-2	National
Dr. Rita Kant (2021)	Visual Merchandising and Consumer Behaviour in Shopping Malls; Visual Merchandising and Consumer Behaviour in Shopping Malls; Northern Book Centre	ISBN: 81-7211-391-9	National



**DETAILS OF PUBLICATIONS****(Research Papers/ Review Article/ Editorial Article in Referred Journal)**

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Anu H. Gupta (2022)	A Study of Wall Decorations and Development of Paintings for Hotel Industry; International Journal of Home Science	2395-7476	Yes	International Journal of Home Science
Prabhdip Brar Ph.D (2021)	Global Identification Markers of the Turbanned Sikh Males in Post Covid-19 Pandemic Scenario; Shodh Sanchar Bulletin	ISSN:2229-3620	Yes	Shodh Sanchar Educational and Research Foundation
Prabhdip Brar Ph.D (2022)	Substitutes of Wood Pulp In Papaer Making - A Review; Academia	Nil	Yes	Academia

**DETAILS OF PUBLICATIONS****Full Papers Published in Proceedings of Conferences**

Name of Author	Title of the Paper	ISSN Number	Publisher
Anu H. Gupta (2021)	An Investigation of College going Student's Buying Behaviour towards Athleisure; Textiles for Fashion Apparel: Changing Paradigm	978-81-953455-4-4	Proceedings of Online International Conference on Fashion Apparel and Textile
Anu H. Gupta (2021)	Offering Ornamental Textiles as a Devotional Practice; Textiles for Fashion Apparel: Changing paradigms	978-81-953453-8-6	Proceedings of Online International Conference on Fashion Apparel and Textile

**DETAILS OF PUBLICATIONS****Articles Published in Newspapers**

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

**Summary of Research Publications July 1 ,2021 to June 30, 2022**

S.no	Department	Type of Journal	International	National	Others	Total
1	University Institute of Fashion Technology & Vocational Development	Peer Review Journals	2	1	0	3
2	University Institute of Fashion Technology & Vocational Development	Conference Proceedings	2	0	0	2
3	University Institute of Fashion Technology & Vocational Development	Book with ISBN	0	3	0	3
4	University Institute of Fashion Technology & Vocational Development	Book without ISBN	0	1	0	1

**RESEARCH SCHEMES****Sponsored Research Projects during the Academic Year 2021 - 2022**

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration(in years)	Principal Investigator and Research Team
University of Cambridge	Project TIGR2ESS	0	0	Major	2020 - 2022	Prof. Raman Johal

<b>Sponsor</b>	<b>Title</b>	<b>Funds Sanctioned (INR)</b>	<b>Funds Received (INR)</b>	<b>Type (Major/ Minor)</b>	<b>Duration(in years)</b>	<b>Principal Investigator and Research Team</b>
Panjab University Alumni Association	Conscious Consumerism and Sustainable Fashion: A study of Green Practices followed by Students of Panjab University with regards to Purchase, Consumption and Disposal Pattern of Clothing	1	54720	Projects Sponsored by the University / College	2020 - Till Date	Dr Anu H Gupta

### **SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT**

#### **Details of Seminars, Conferences, and Workshops organized during the Academic Year**

<b>Title of the Event</b>	<b>From Date</b>	<b>To Date</b>	<b>Name of Coordinator / Convener</b>	<b>Number of Participants</b>
Fostering the Boundaries of Fashion; Design and Technology Course for Enhanced Employability	2022-03-15	2022-03-23	Anu H. Gupta, Rita akant, Avanish Kumar	40
Tigress Transforming India's Green revolution by Research and Empowerment for Sustainable Food Supplies	2022-01-19	2022-02-27	Ramanjeet Joha ,Prabhdip Brar, Rita Kantl	15
An overview of IPR and its Applicability in Fashion Industry	2021-09-13	2021-09-13	Anu H. Gupta, Sarabjeet singh, Manu Sharma	110
The Notion of Gender: Construction, impact and Way Forward	2022-06-01	2022-06-01	Anu H. Gupta	20
Sustainability: Everyone's Responsibility	2021-07-15	2021-07-15	Anu H. Gupta, Namita Gupta	70
Lippan Cone Art	2021-08-18	2021-09-06	Anu H. Gupta	30
Conscious Consumerism and Green Fashion: An Exhibition of Handcrafted UPCYCLED Products"	2021-07-28	2021-07-28	Anu H. Gupta, namita Gupta	40
National Handloom Day	2021-08-07	2021-08-07	Anu H. Gupta, Nikita Gupta	40
Say No to Drugs	2021-07-30	2021-07-30	Anu H. Gupta, Namita Gupta	6
Remembering the National Women Freedom Fighters and Poem Recitation	2021-08-15	2021-08-15	Anu H. Gupta, Namita Gupta, Kuldeep Singh, Monica Munjial	20
Orientation Lecture Series 1- Communication in the Times of Covid-19 Pandemic	2021-09-01	2021-09-02	UIFT&VD	60
Orientation Lecture Series 2- Future of Fashion Retail	2021-09-01	2021-09-02	UIFT&VD	50
Orientation Lecture Series 3- Chairperson Address and all Faculty Meeting with Students	2021-09-01	2021-09-02	UIFT&VD	60

<b>Title of the Event</b>	<b>From Date</b>	<b>To Date</b>	<b>Name of Coordinator / Convener</b>	<b>Number of Participants</b>
Mind Marathon- Unravelling the Mind through Breath	2021-09-16	2021-09-16	UIFT&VD	85
Orientation Lecture Series- Creating a Personal Brand, Need for Integrated Fashion Study, Chairperson Addresses and Special lecture	2021-09-23	2021-09-23	UIFT&VD	60
Weaving a Culture: A Film on Saris of India	2021-09-27	2021-09-27	Anu H. Gupta	100
Inquilab Zindabad- Celebrations of Shaheed Bhagat Singh	2021-09-27	2021-09-27	Anu H. Gupta	20
Calligraphy, A Journey in Itself	2021-10-05	2021-10-05	Anu H. Gupta, Bharti	60
The Art of Styling	2021-10-06	2021-10-06	UIFT&VD	40
Integrity Pledge	2021-10-26	2021-10-26	UIFT&VD	30
Fashion Designer as a Career Choice in the Corporate World	2021-10-27	2021-10-27	UIFT&VD	80
Caricature Making Competition-Anti Corruption	2021-10-29	2021-10-29	UIFT&VD	50
Virtual Competition on Design Infringement Examples in Fashion Industry	2021-11-01	2021-11-01	UIFT&VD	50
Understanding and Avoiding Plagiarism	2021-11-01	2021-11-01	UIFT&VD	40
Styling Workshop	2021-11-08	2021-11-13	UIFT&VD	60
Overview of Kidswear Industry	2021-11-25	2021-11-25	UIFT&VD	65
Academic Writing	2022-02-10	2022-02-17	UIFT&VD	50
Creative Approach Towards Art of Embroidery	2022-02-25	2022-02-25	UIFT&VD	25
Boosting Mind, Body and Soul Connection in Women	2022-03-07	2022-03-07	UIFT&VD	50
Co-Creating with Nature and Indigeneous Community: Fibre ton Fashion as an Approach for Women Empowerment and Climate Resilience	2022-03-08	2022-03-08	UIFT&VD	50
Shastri Indo-Canadian Lecture Series- Heritage as new Knowledge in the South Asian Canadian Diaspora	2022-03-10	2022-03-10	UIFT&VD	125
Shastri Indo- Canadian Lecture Series- Indian Traditional Art Merging in Canadian Spaces	2022-03-14	2022-03-14	UIFT&VD	120
Shastri Indo- canadian Lecture Series- Preserving Indo Cultural Heritage in the Canadian Landscape through Bridal Dress and Ritual	2022-03-24	2022-03-24	UIFT&VD	120
Shastri Indo- Canadian Lecture Series- Nurturing Modern and Multi- National	2022-03-29	2022-03-29	UIFT&VD	150

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Narratives through the Exchange of South Asian and Western Traditional Handcraft Techniques				
Rangoli making Competition- Flora and Fauna	2022-03-17	2022-03-17	UIFT&VD	50
Healthy Eating- A Way towards Complete Wellbeing	2022-04-07	2022-04-07	UIFT&VD	40
Celebrating Vaisakhi Day- Calligraphy competition	2022-04-13	2022-04-13	UIFT&VD	30
Sewing Technology	2022-04-20	2022-04-20	UIFT&VD	60
Songs of Spring- Celebrating Earth Day	2022-04-20	2022-04-20	UIFT&VD	20
Photography Workshop	2022-04-20	2022-04-20	UIFT&VD	38
A Talk about my Journey- Rantika Thakur	2022-04-29	2022-04-29	UIFT&VD	50
Embroidery Portraits	2022-05-13	2022-05-13	UIFT&VD	20
Biodiversity: A Screenshot	2022-05-23	2022-05-23	UIFT&VD	27
Research Poster Presentation	2022-05-27	2022-05-27	UIFT&VD	20
Industrial Visit- Sportking, Ludhiana	2022-05-21	2022-05-21	UIFT&VD	55
Fostering the Boundaries of fashion Design and Technology Course for Enhanced Employability	2022-03-15	2022-03-21	UIFT&VD	60
Styling and Clothing- Inspiration from Bollywood	2022-05-31	2022-05-31	UIFT&VD	30
Shears and Ruban- Annual Design Collection Show and Trunk Display	2022-06-10	2022-06-10	UIFT&VD	38
World Environment Day	2022-06-06	2022-06-06	UIFT&VD	10
Indian Culture and Human Rights and Food Safety and Standards: A Public Health Concern	2022-06-14	2022-06-14	UIFT&VD	60
Traditional Health Care and Role of Local Healers: A Case Study of the Karbis of Assam	2022-06-15	2022-06-15	Anu H. Gupta, Maninder Kaur	50

### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

#### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S.n	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	University Institute of Fashion Technology & Vocational Development	Dr. Anu H, Gupta	Skill Training and Livelihood Enhancement Programme	other	Others	Other	Village Mohi Kalan, Patiala	01/10/2021	01/10/2021	Ambuja Cement Foundation

S.n	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
2	University Institute of Fashion Technology & Vocational Development	Dr. Anu H, Gupta	International Conference on Fashion, Apparel and Textile	conference	Academic and Research Event	International	Online	16/11/2021	17/11/2021	Amity School of Fashion Technology , Amity University,
3	University Institute of Fashion Technology & Vocational Development	Dr. Anu H, Gupta	International Conference on Sustainable Growth in Textile	conference	Academic and Research Event	International	Online	19/08/2021	21/08/2021	Uttar Pradesh Textile technology Institute, Kanpur
4	University Institute of Fashion Technology & Vocational Development	Dr. Anu H, Gupta	Academia-Industry Interface All-2021	Professional Development Programmes	Academic and Research Event	University	Online	28/11/2021	28/11/2021	USOL, Panjab University
5	University Institute of Fashion Technology & Vocational Development	Dr. Anu H, Gupta	Holistic Health of Adolescents : Issues and Challenges	seminar	Academic and Research Event	National	Yamunna nagar	26/03/2022	26/03/2022	DAV College for girls, Yamuna Nagar
6	University Institute of Fashion Technology & Vocational Development	Dr. Anu H, Gupta	International Conference on Engineering, Social Sciences and Management: Challenges, Issues and Oppurtunities	conference	Academic and Research Event	International	Online	21/05/2022	21/05/2022	Sri Balaji College of Engineering & Technology , Jaipur
7	University Institute of Fashion Technology & Vocational Development	Dr. Anu H, Gupta	FDP on Sustainability and Quality Management in Apparel Industry	Professional Development Programmes	Academic and Research Event	National	Online	07/12/2021	11/12/2021	Dayalbagh Educational Institute
8	University Institute of Fashion Technology & Vocational Development	Dr. Anu H, Gupta	Career Oppurtunities	seminar	Others	State	Online	29/01/2022	29/01/2022	Government Senior sec. school, sector 45-A, Chandigarh
9	University Institute of Fashion Technology & Vocational	Dr. Anu H, Gupta	Audio-Visual Methods in Research: Locating Theory in Practice	Professional Development Programmes	Faculty Development Programme	National	Department of Anthropology, Panjab University	26/04/2022	02/05/2022	HRDC, Panjab University and Department of Anthropology, Panjab University

S.n o	Departmen t	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
	Developmen t									
10	University Institute of Fashion Technology & Vocational Developmen t	Dr. Anu H, Gupta	Capacity Building of SHG's and Sustaibale development of Handicraft sector	seminar	Others	State	Morinda, Punjab	11/10/2021	11/10/2021	Punjab State Social Welfare Board
11	University Institute of Fashion Technology & Vocational Developmen t	Dr. Anu H, Gupta	Need of sustainability in Fashion industry	webinar	Others	University	Online	22/02/2022	22/02/2022	Department of Apparel & Textile Science, Punjab agricultural University
12	University Institute of Fashion Technology & Vocational Developmen t	Dr. Anu H, Gupta	Special Lectures- Approaches in achieving sustainability in Apparel, Textile and Fashion Industry	webinar	Others	University	Online	24/02/2022	24/02/2022	Department of Apparel & Textile Science
13	University Institute of Fashion Technology & Vocational Developmen t	Dr. Anu H, Gupta	History and Technique of Phulkari Embroidery	workshop	Others	International	Online	20/11/2021	20/11/2021	Thread Written, The Netherlands
14	University Institute of Fashion Technology & Vocational Developmen t	Dr. Anu H, Gupta	Capacity Building of SHG sustainable development of Handicrafts	seminar	Others	State	Patiala	03/09/2021	03/09/2021	Punjab Small Industries & Export Corporation
15	University Institute of Fashion Technology & Vocational Developmen t	Dr. Anu H, Gupta	Capacity Building of SHG sustainable development of Handicrafts	seminar	Others	State	Hoshiarpur	20/09/2021	20/09/2021	Punjab Small Industries & Export Corporation
16	University Institute of Fashion Technology & Vocational Developmen t	Dr. Anu H, Gupta	Capacity Building of SHG sustainable development of Handicrafts	seminar	Others	State	Amritsar	24/09/2021	24/09/2021	Punjab Small Industries & Export Corporation
17	University Institute of Fashion Technology	Dr. Anu H, Gupta	Capacity Building of SHG sustainable	seminar	Others	State	Kharar	14/10/2021	14/10/2021	S.S >Memoral educational Society, Ropar

S.n	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
	& Vocational Development		development of Handicrafts							
18	University Institute of Fashion Technology & Vocational Development	Dr. Anu H, Gupta	TSA Stitch with Ruth Millers	webinar	Others	International	Online	12/08/2021	12/08/2021	Textile Society of America
19	University Institute of Fashion Technology & Vocational Development	Dr. Anu H, Gupta	IPR Protection of Unique Products through GI and Post GI Initiatives	webinar	Others	National	Online	25/08/2021	25/08/2021	The Textiles Committee, Ministry of Textiles, GOI
20	University Institute of Fashion Technology & Vocational Development	Dr. Anu H, Gupta	RUGS & ART: South Persian Tribal Rugs with Birds and Other Creatures	webinar	Others	International	Online	15/01/2022	15/01/2022	Textile Museum Associates of Southern California, Inc.
21	University Institute of Fashion Technology & Vocational Development	Dr. Anu H, Gupta	Painting With Scissors: Mola Art of the Kuna Indians	webinar	Others	International	Online	12/02/2022	12/02/2022	Textile Museum Associates of Southern California, Inc.
22	University Institute of Fashion Technology & Vocational Development	Dr. Anu H, Gupta	Heritage as new knowledge in the South Asian Canadian Diaspora	webinar	Academic and Research Event	International	Online	10/03/2022	10/03/2022	UIFT & VD , SICI, University of the Fraser valley, Canada, SICI, New Delhi
23	University Institute of Fashion Technology & Vocational Development	Dr. Anu H, Gupta	Indian Traditional art merging in Canadian spaces	webinar	Academic and Research Event	International	Online	14/03/2022	14/02/2022	UIFT & VD , University of the Fraser valley, Canada, SICI, New Delhi
24	University Institute of Fashion Technology & Vocational Development	Dr. Anu H, Gupta	Reinterpreting Indo-Canadian cultural identity through Textile and Garment design	webinar	Academic and Research Event	International	Online	24/03/2022	24/03/2022	UIFT & VD , University of the Fraser valley, Canada, SICI, New Delhi

S.n	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
25	University Institute of Fashion Technology & Vocational Development	Dr. Anu H, Gupta	Nurturing modern and multi-national narratives through the exchange of South Asian and Western traditional handcraft techniques	webinar	Academic and Research Event	International	Online	29/03/2022	29/03/2022	UIFT & VD , University of the Fraser valley, Canada, SICI, New Delhi
26	University Institute of Fashion Technology & Vocational Development	Dr. Anu H, Gupta	Textile Inspirations in "Lee Alexander McQueen: Mind, Mythos, Muse".	webinar	Academic and Research Event	International	Online	05/06/2022	05/06/2022	Textile Museum Associates of Southern California, Inc.
27	University Institute of Fashion Technology & Vocational Development	Prabhdip Brar,Ph.D	CII Education Summit Reimaging the Indian Education sector for a Post Covid World	symposium	Academic and Research Event	National	Virtual	28/07/2021	28/08/2022	Conferderation Of Indian Industry
28	University Institute of Fashion Technology & Vocational Development	Prabhdip Brar,Ph.D	Shiva Lord of the Cosmic Dance Anthology	symposium	Universal Values and Ethics	International	India International Center, New Delhi	09/03/2022	09/03/2022	Speaking Tiger
29	University Institute of Fashion Technology & Vocational Development	Prabhdip Brar,Ph.D	Crafting the Contemporary Innovation and tradition in the process of making	other	Universal Values and Ethics	International	Italian Embassy of Italy Cultural Center	03/03/2022	03/03/2022	India International Center ,New Delhi
30	University Institute of Fashion Technology & Vocational Development	Prabhdip Brar	Heritage as new knowledge in the South Asian Canadian Diaspora	webinar	Academic and Research Event	International	Online	10/03/2022	10/03/2022	UIFT & VD, University of the Fraser Valley, Canada, SICI, New Delhi
31	University Institute of Fashion Technology & Vocational Development	Prabhdip Brar	Nuturing Modern and Multinational narratives through the exchange of South Asian & Western traditional handcraft techniques	webinar	Academic and Research Event	International	Online	29/03/2022	29/03/2022	UIFT & VD, University of the Fraser Valley, Canada, SICI, New Delhi



S.n	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
32	University Institute of Fashion Technology & Vocational Development	Prabhdip Brar	Reinterpreting Indo-Canadian Cultural identity through Textile and Garment design	webinar	Academic and Research Event	International	Online	24/03/2022	24/03/2022	UIFT & VD , University of the Fraser Valley, Canada, SICI, New Delhi
33	University Institute of Fashion Technology & Vocational Development	Prabhdip Brar	Impacts of COVID on fashion	webinar	Academic and Research Event	International	Online	07/12/2021	07/12/2021	Sustainable Fashion Consumption Network
34	University Institute of Fashion Technology & Vocational Development	Dr. Anu H. Gupta	7-Days Online Faculty Development Programme "Fostering the Boundaries of Fashion Design and Technology Course for Enhanced Employability "	Professional Development Programmes	Faculty Development Programme	National	Virtual	15/03/2022	21/03/2022	UIFT & VD and HRDC, Panjab University
35	University Institute of Fashion Technology & Vocational Development	Dr Anu H. Gupta	FDP- Fostering the Boundaries of Fashion Design and Technology Course For Enhanced Employability	Professional Development Programmes	Faculty Development Programme	National	Virtual	15/03/2022	21/03/2022	UIFT & VD and HRDC, PU, Chandigarh
36	University Institute of Fashion Technology & Vocational Development	Dr. Anu H, Gupta	Healthy Eating- A way towards complete well being	seminar	Others	University	UIFT & VD	07/04/2022	07/04/2022	UIFT & VD
37	University Institute of Fashion Technology & Vocational Development	Dr. Anu H, Gupta	Academic Writing Workshop	workshop	Academic and Research Event	National	Virtual	10/02/2022	17/02/2022	UIFT & VD and DLLL & E
38	University Institute of Fashion Technology & Vocational Development	Dr Anu H. Gupta	An overview of IPR and its applicability in Fashion Industry	webinar	Academic and Research Event	National	Virtual	13/09/2021	13/09/2021	UIFT & VD, CIIPP,TEC,IPlo ea

S.n	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
39	University Institute of Fashion Technology & Vocational Development	Dr. Anu H. Gupta	The Notion of Gender: Construction, Impact and Way Forward	other	Gender Equality	University	UIFT & VD	01/06/2022	01/06/2022	UIFT & VD
40	University Institute of Fashion Technology & Vocational Development	Dr. Anu H. Gupta	Sustainability : Everyone's Responsibility	webinar	Environment Awareness Event	National	Virtual	15/07/2021	15/07/2021	UII+FT & VD, Centre for Human Rights & Duties and PUAA
41	University Institute of Fashion Technology & Vocational Development	Dr. Anu H. Gupta	Crocheting: the Handmade Era	webinar	Academic and Research Event	National	Virtual	01/09/2021	01/09/2021	UIFT & VD
42	University Institute of Fashion Technology & Vocational Development	Dr. Anu H. Gupta	Calligraphy- A Journey in Itself	webinar	Academic and Research Event	National	Virtual	05/10/2021	05/10/2021	UIFT & VD
43	University Institute of Fashion Technology & Vocational Development	Dr. Anu H. Gupta	'Fashion Designer' as a Career choice in the Corporate World	webinar	Academic and Research Event	National	Virtual	27/10/2021	27/10/2021	UIFT & VD
44	University Institute of Fashion Technology & Vocational Development	Dr. Anu H. Gupta	Understanding and avoiding Plagiarism	webinar	Academic and Research Event	National	Virtual	01/11/2021	01/11/2021	UIFT & VD
45	University Institute of Fashion Technology & Vocational Development	Dr. Anu H. Gupta	Overview of Kids Wear Industry	webinar	Academic and Research Event	National	Virtual	25/11/2021	25/11/2021	UIFT & VD
46	University Institute of Fashion Technology & Vocational Development	Dr. Anu H. Gupta	Co-Creating with Nature and Indigenous Community: Fibre to Fashion as an	webinar	Academic and Research Event	National	Virtual	08/03/2022	08/03/2022	UIFT & VD

S.n	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
	Development		approach for Women Empowerment and Climate Resilience							
47	University Institute of Fashion Technology & Vocational Development	Dr. Anu H. Gupta	Boosting Mind, Body and Soul Connection in Women	webinar	Social Issues	National	Virtual	07/03/2022	07/03/2022	UIFT & VD and Department of Sociology

#### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
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#### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
1	University Institute of Fashion Technology & Vocational Development	UIFT & VD hosted Shastri Indo Canadian Lecture Series "Taking traditions forward: Preserving and conserving culture and heritage in the South Asian Canadian Diaspora" in collaboration with South Asian Studies Institute, University of the Fraser valley, Canada funded by Shastri Indo Canadian Institute, New Delhi. Following four lectures (titles) were held on the theme approved: 1. Heritage as new knowledge in the South Asian Canadian Diaspora" 10 March 2022. by Satwinder Kaur Bains, University of the Fraser Valley, Canada 2. Indian Traditional art merging in Canadian spaces, 14 March 2022 By Prof. CharuSmita Gupta, Museologist and Anthropologist, India 3. Reinterpreting Indo-Canadian cultural identity through Textile and Garment design 24 March 2022 by Prof. Caron Phiney, The Creative School, Ryerson University, Canada 4. Nurturing modern and multi-national narratives through the exchange of South Asian and Western traditional handcraft techniques 29 March 2022 by Dr. Tanya White, , The Creative School, Ryerson University, Canada UIFT'S in collaboration with UGC-HRDC organized A 7-Days Online Faculty Development Programme (15-21 March 2022) on "Fostering the Boundaries of Fashion Design and Technology Course for Enhanced Employability" UIFT & VD collaborated with various departments (HRDC, Centre for Industry Institute Partnership Programme (CIIPP), Technology Enabling Centre (TEC), Anthropology, Sociology, Centre for Human Rights and Duties, Centre for Police Administration, Centre for Social Work, Dept. - cum-Centre for Women's Studies and Development, and Department of Lifelong Learning and Extension) to organize scholarly activities throughout the year . Organized many activities related to sustainability and environment. One of it was a webinar on "Co-Creating with Nature and Indigenous Community: Fibre to Fashion as an approach for Women Empowerment and Climate Resilience" by JagrityPhukan, Founder and Creative Head, Way of Living studio, Dhemaji, Assam

#### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
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NIL

## 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
1	University Institute of Fashion Technology & Vocational Development	Design Culture	Nottingham Trent University	2nd Semester	01/03/2021	International	Design Culture	NIL	01/09/2022
2	University Institute of Fashion Technology & Vocational Development	Academic Writing Workshop	DLLL&E	UIFT &VD	10/02/2022	National	Academic Writing Workshop	Panjab University	17/02/2022
3	University Institute of Fashion Technology & Vocational Development	Boosting Mind, Body and Soul Connection in Women	Department of Sociology	UIFT &VD	07/03/2022	National	Webinar	NIL	07/03/2022
4	University Institute of Fashion Technology & Vocational Development	Co- Creating with Nature and Indigenous Community: Fibre to Fashion as an Approach for Women Empowerment and Climate Resilience	Way of Living Studio, Dhemaji, Assam	UIFT &VD	08/03/2022	National	Webinar	Panjab University, Chandigarh	08/03/2022
5	University Institute of Fashion Technology & Vocational Development	Shastri Indo Canadian Lecture Series	Cultural, & Media Studies, University of the Fraser Valley, canada	UIFT&VD	10/03/2022	International	Webinar	Shastri Indo Canadian Institute, New Delhi	10/03/2022
6	University Institute of Fashion Technology & Vocational Development	Fostering the Boundaries of Fashion Design and Technology Course for Enhanced Employability	UGC-HRDC	UIFT &VD	15/03/2022	National	Webinar	HRDC Panjab University, chandigarh	21/03/2022
7	University Institute of Fashion Technology & Vocational Development	"Indian Traditional Art Merging in Canadian Spaces" Shastri Indo-Canadian Lecture Series-II	Cultural, & Media Studies, University of the Fraser Valley, Canada	UIFT&VD	14/03/2022	National	Webinar	NIL	14/03/2022
8	University Institute of Fashion Technology & Vocational Development	"Reinterpreting Indo-Canadian Cultural Identity through Textile and Garment Design" Shastri Indo-Canadian Lecture Series-III	Cultural, & Media Studies, University of the Fraser Valley, Canada	UIFT&VD	24/03/2022	National	Webinar	NIL	24/03/2022

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
9	University Institute of Fashion Technology & Vocational Development	Nurturing Modern and Multinational Narratives through the Exchange of South Asian and Western Traditional Handcraft Techniques" Shastri Indo Canadian Lecture Series-IV	Cultural, & Media Studies, University of the Fraser Valley, Canada	UIFT&VD	29/03/2022	National	Webinar	NIL	29/03/2022
10	University Institute of Fashion Technology & Vocational Development	Conscious Consumerism and Green Fashion: A Exhibition of Handcrafted Upcycled Products	Panjab University Alumni Association Centre for Human Rights and Duties	UIFT &VD	28/07/2021	National	Exhibitions	Panjab university Alumni Association, Panjab University, Chandigarh	28/07/2021
11	University Institute of Fashion Technology & Vocational Development	Industrial Visit Sportking, Ludhiana	Sportking India Limited	B.Sc 2nd and 4th Semester	21/05/2022	Industrial	Visit	Panjab University, Chandigarh	21/05/2022
12	University Institute of Fashion Technology & Vocational Development	Fashion Show and Trunk Show Display	No Exit, Chandigarh and Soni Makkar, Designer	B.Sc. 6th Semester	03/06/2022	National	Fashion Show	NIL	03/06/2022
13	University Institute of Fashion Technology & Vocational Development	Traditional Health Care and Role of Local Healers: A Case Study of the Karbis of Assam	Department of Anthropology	UIFT & VD	15/06/2022	National	online	Panjab university, Chandigarh	15/06/2022
14	University Institute of Fashion Technology & Vocational Development	Say No to Drugs	Centre for Human Rights and Duties, Panjab University and UIFT & VD	UIFT &VD	30/07/2021	National	Online	NIL	30/07/2021
15	University Institute of Fashion Technology & Vocational Development	Remembering the National Women Freedom Fighters and Poem Recitation	UIFT&VD, Centre for Human Rights and Duties and National cadet Corps(NCC)	UIFT&VD	15/08/2021	National	online	NIL	15/08/2021
16	University Institute of Fashion Technology & Vocational Development	An Overview of IPR and It's Applicability in Fashion Industry	CIIPP, TEC, UIFT&VD	UIFT &VD	13/09/2021	National	Webinar	Panjab University, Chandigarh	13/09/2021

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
17	University Institute of Fashion Technology & Vocational Development	Styling Workshop	Designer and Stylist Shruti Singla	UIFT &VD	08/11/2021	Industrial	Workshop	Panjab University, Chandigarh	13/11/2021
18	University Institute of Fashion Technology & Vocational Development	Overview of Kids Wear Industry	Easybuy, a Landmark India Entity	UIFT &VD	25/11/2021	National	Webinar	NIL	25/11/2021
19	University Institute of Fashion Technology & Vocational Development	Industrial Training	Karishma Boutique	Nivedita Mehta	06/01/2022	Industrial	Internship	Nil	26/02/2022
20	University Institute of Fashion Technology & Vocational Development	Industrial Training	Rose Creations	Manpreet Kaur, Aditi, Akshika Sehgal, Kiranjit Kaur	06/01/2022	Industrial	Internship	NIL	25/02/2022
21	University Institute of Fashion Technology & Vocational Development	Industrial Training	Inara by Ginni Mander Exports Pvt. Ltd.	Sehajpreet Kaur, Bhupinder Singh, Garian, Parneet Kaur	06/01/2022	Industrial	Internship	NIL	03/03/2022
22	University Institute of Fashion Technology & Vocational Development	Industrial Training	Artful by Tusya Dang	Gazal Jindal	06/01/2022	Industrial	Fashion Designer	Nil	25/02/2022
23	University Institute of Fashion Technology & Vocational Development	Industrial Training	Bagaya	Simran Dang	31/12/2021	Industrial	Product Design and Development	NIL	16/02/2022
24	University Institute of Fashion Technology & Vocational Development	Industrial Training	Damu'z Designer House	Nandani, Rukhsar	01/01/2022	Industrial	Internship	NIL	15/02/2022
25	University Institute of Fashion Technology & Vocational Development	Industrial Training	Rangaai	Palak Batra, Rajvinder Kaur Bansal	05/12/2021	Industrial	Internship	NIL	28/02/2022
26	University Institute of Fashion Technology &	Industrial Training	Udhay Mahajan	Jashandeep	01/01/2022	Industrial	Internship	NIL	28/02/2022

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
	Vocational Development								
27	University Institute of Fashion Technology & Vocational Development	Industrial Training	Ka Kha Gaa Brand	Malyca Singh	02/02/2022	Industrial	Internship	NIL	18/03/2022
28	University Institute of Fashion Technology & Vocational Development	Industrial Training	Goodview Fashion Pvt. LTD.	Aasma Bedag	20/12/2021	Industrial	Internship	NIL	11/03/2022
29	University Institute of Fashion Technology & Vocational Development	Industrial Training	K.S. Oswal Knitting Impex, Ludhiana	Gunjan	15/01/2022	Industrial	Internship	NIL	01/03/2022
30	University Institute of Fashion Technology & Vocational Development	Industrial Training	Manushi, Sec11, Panchkula	Arushi Priya	06/01/2022	Industrial	Internship	NIL	15/02/2022
31	University Institute of Fashion Technology & Vocational Development	Industrial Training	Virasat Couture	Ishdeep Singh	06/01/2022	Industrial	Internship	NIL	19/02/2022
32	University Institute of Fashion Technology & Vocational Development	Industrial Training	Audarya- Pret & Couture	Kamaljit Kaur, Sushila Devi	01/01/2022	Industrial	Internship	NIL	28/02/2022
33	University Institute of Fashion Technology & Vocational Development	Industrial Training	Gunieeta Ghai	Arshdeep Kaur, Neha	01/01/2022	Industrial	Internship	NIL	15/02/2022
34	University Institute of Fashion Technology & Vocational Development	Industrial Training	Arbour,9982806144	Pinki Yadav, Sarika	01/01/2022	Industrial	Internship	NIL	28/02/2022
35	University Institute of Fashion Technology & Vocational Development	Industrial Training	Roopkala,0161-2412170	Gagandeep Kaur	01/01/2022	Industrial	Internship	NIL	05/03/2022
36	University Institute of Fashion Technology &	Industrial Training	Kapsons	Shubhi Bandlish	15/12/2021	Industrial	Internship	NIL	31/01/2022

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
	Vocational Development								
37	University Institute of Fashion Technology & Vocational Development	Industrial Training	No Exit, 0172-5071230	Jasmeet Kaur	24/01/2022	Industrial	Internship	NIL	10/03/2022
38	University Institute of Fashion Technology & Vocational Development	Industrial Training	Nitika Kanodia Gupta (NKG)	Aasma Bedag	15/10/2021	Industrial	Internship	NIL	10/12/2021
39	University Institute of Fashion Technology & Vocational Development	Industrial Training	Cuir Inde	Mahima	15/01/2022	Industrial	Internship	NIL	19/02/2022
40	University Institute of Fashion Technology & Vocational Development	Industrial Training	Weddingcard by Ishita	Palak	25/10/2021	Industrial	Internship	NIL	25/11/2021
41	University Institute of Fashion Technology & Vocational Development	Industrial Training	SARV International	Rajvinder Kaur Bansal	31/08/2021	Industrial	Internship	NIL	30/09/2021
42	University Institute of Fashion Technology & Vocational Development	Industrial Training	Shein India PVT. LTD.	Simran Dang	04/08/2021	Industrial	Internship	NIL	03/09/2021
43	University Institute of Fashion Technology & Vocational Development	Industrial Training	Rachit Khanna	Sanskriti Raizada	21/06/2021	Industrial	Internship	NIL	30/09/2021
44	University Institute of Fashion Technology & Vocational Development	Industrial Training	Bestseller, best united india comforts pvt. Ltd regional office - north, 4th floor, mgf metropolitan mall, next to select city walk, plot no. - a2-2pa, saket, 110017 New Delhi India	Nivedita Mehta	19/07/2021	Industrial	Internship	N.A.	19/08/2021
45	University Institute of Fashion Technology & Vocational Development	Industrial Training	Bestseller, best united india comforts pvt. Ltd regional office - north, 4th floor, mgf metropolitan mall,	Abha Zutshi	19/07/2021	Industrial	Internship	N.A.	19/08/2021



SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
			next to select city walk, plot no. - a2-2pa, saket, 110017 New Delhi India						
46	University Institute of Fashion Technology & Vocational Development	Industrial Training	Bestseller, best united india comforts pvt. Ltd regional office - north, 4th floor, mgf metropolitan mall, next to select city walk, plot no. - a2-2pa, saket, 110017 New Delhi India	Rohit Choudhary	19/07/2021	Industrial	Internship	N.A.	19/08/2021
47	University Institute of Fashion Technology & Vocational Development	Industrial Training	BESTSELLER, BEST UNITED india Comforts Pvt. Ltd regional office - north, 4th floor, mgf metropolitan mall, next to select city walk, plot no. - a2-2pa, saket, 110017 New Delhi India	Vaishali	19/07/2021	Industrial	Internship	N.A.	19/08/2021
48	University Institute of Fashion Technology & Vocational Development	Industrial Training	Bestseller, best united india comforts pvt. Ltd regional office - north, 4th floor, mgf metropolitan mall, next to select city walk, plot no. - a2-2pa, saket, 110017 New Delhi India	Shweta Mittal	20/07/2021	Industrial	Internship	N.A.	20/08/2021
49	University Institute of Fashion Technology & Vocational Development	Industrial Training	Bestseller, best united india comforts pvt. Ltd regional office - north, 4th floor, mgf metropolitan mall, next to select city walk, plot no. - a2-2pa, saket, 110017 New Delhi India	Aishni Dhir	19/07/2021	Industrial	Internship	N.A.	19/08/2021
50	University Institute of Fashion Technology & Vocational Development	Industrial Training	Bestseller, best united india comforts pvt. Ltd regional office - north, 4th floor, mgf metropolitan mall, next to select city walk, plot no. - a2-2pa, saket, 110017 New Delhi India	Anjaly	20/07/2021	Industrial	Internship	N.A.	20/08/2021
51	University Institute of Fashion Technology & Vocational Development	Industrial Training	Bestseller, best united india comforts pvt. Ltd regional office - north, 4th floor, mgf metropolitan mall, next to select city walk, plot no. - a2-	Parneet Kaur	20/07/2021	Industrial	Internship	N.A.	20/08/2021

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
52	University Institute of Fashion Technology & Vocational Development	Industrial Training	2pa, saket, 110017 New Delhi India Bestseller, best united india comforts pvt. Ltd regional office - north, 4th floor, mgf metropolitan mall, next to select city walk, plot no. - a2-2pa, Saket, 110017 New Delhi India	Mahima	19/07/2021	Industrial	Internship	N.A.	19/08/2021
53	University Institute of Fashion Technology & Vocational Development	Industrial Training	Bestseller, Best United India Comforts Pvt. Ltd Regional office - North, 4th floor, MGF metropolitan mall, Next to select city walk, plot no. - A2-2PA, Saket, 110017 New Delhi India	Ivreet Dhiman	19/07/2021	Industrial	Internship	N.A.	19/08/2021
54	University Institute of Fashion Technology & Vocational Development	Industrial Training	Bestseller, Best United India Comforts Pvt. Ltd Regional office - North, 4th floor, MGF metropolitan mall, Next to select city walk, plot no. - A2-2PA, Saket, 110017 New Delhi India	Aman Shah	19/07/2021	Industrial	Internship	N.A.	19/08/2021
55	University Institute of Fashion Technology & Vocational Development	Industrial Training	Bestseller, Best United India Comforts Pvt. Ltd Regional office - North, 4th floor, MGF metropolitan mall, Next to select city walk, plot no. - A2-2PA, Saket, 110017 New Delhi India	Jasmine Dhiman	19/07/2021	Industrial	Internship	N.A.	19/08/2021
56	University Institute of Fashion Technology & Vocational Development	Industrial Training	Bestseller, Best United India Comforts Pvt. Ltd Regional office - North, 4th floor, MGF metropolitan mall, Next to select city walk, plot no. - A2-2PA, Saket, 110017 New Delhi India	Gagandeep Kaur	19/07/2021	Industrial	Internship	N.A.	19/08/2021
57	University Institute of Fashion Technology & Vocational Development	Industrial Training	Bestseller, Best United India Comforts Pvt. Ltd Regional office - North, 4th floor, MGF metropolitan	Yachika	19/07/2021	Industrial	Internship	N.A.	19/08/2021

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
			mall, Next to select city walk, plot no. - A2-2PA, Saket, 110017 New Delhi India						
58	University Institute of Fashion Technology & Vocational Development	Industrial Training	Bestseller, Best United India Comforts Pvt. Ltd Regional office - North, 4th floor, MGF metropolitan mall, Next to select city walk, plot no. - A2-2PA, Saket, 110017 New Delhi India	Guneetqa Mehra	19/07/2021	Industrial	Internship	N.A.	19/08/2021
59	University Institute of Fashion Technology & Vocational Development	Industrial Training	Bestseller, Best United India Comforts Pvt. Ltd Regional office - North, 4th floor, MGF metropolitan mall, Next to select city walk, plot no. - A2-2PA, Saket, 110017 New Delhi India	Komal Sharma	22/07/2021	Industrial	Internship	N.A.	22/08/2021
60	University Institute of Fashion Technology & Vocational Development	Industrial Training	Bestseller, Best United India Comforts Pvt. Ltd Regional office - North, 4th floor, MGF metropolitan mall, Next to select city walk, plot no. - A2-2PA, Saket, 110017 New Delhi India	Champa Devi	22/07/2021	Industrial	Internship	N.A.	22/08/2021
61	University Institute of Fashion Technology & Vocational Development	Industrial Training	Bestseller, Best United India Comforts Pvt. Ltd Regional office - North, 4th floor, MGF metropolitan mall, Next to select city walk, plot no. - A2-2PA, Saket, 110017 New Delhi India	Sarika Bhati	19/07/2021	Industrial	Internship	N.A.	19/08/2021
62	University Institute of Fashion Technology & Vocational Development	Industrial Training	Bestseller, Best United India Comforts Pvt. Ltd Regional office - North, 4th floor, MGF metropolitan mall, Next to select city walk, plot no. - A2-2PA, Saket, 110017 New Delhi India	Nitika Sharma	22/07/2021	Industrial	Internship	N.A.	22/08/2021

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
63	University Institute of Fashion Technology & Vocational Development	Industrial Training	Bestseller, Best United India Comforts Pvt. Ltd Regional office - North, 4th floor, MGF metropolitan mall, Next to select city walk, plot no. - A2-2PA, Saket, 110017 New Delhi India	Gagandeep Kaur	21/07/2021	Industrial	Internship	N.A.	21/08/2021

### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	23	0	23
Class rooms	5	0	5
Class rooms with Wifi/LAN facility	5	0	5
Class rooms with ICT facility (LCD/Projector)	3	0	3
No. of Research Labs	4	0	4
No. of Computer labs	1	0	1
Video Centre	0	0	0
Seminar Halls with ICT facility	0	0	0
Seminar Halls	0	0	0
No. of important equipments purchased ( $\geq$ 10 lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0

### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
Handloom for Home Decor : Celebrating National Handloom Day	07/08/2021	07/08/2021
Celebrating 75 Years Of Independence By 'Remembering The National Women Freedom Fighters' And 'Poem Recitation' Competition	15/08/2021	15/08/2021
Sadbhawana Diwas 2021	20/08/2021	20/08/2021
Tribute to Shaheed Bhagat Singh through Collage making competition	27/09/2021	27/09/2021
VIGILANCE WEEK 2021	26/10/2021	01/11/2021
'Samvidhan Divas' Constitution Day Celebration	26/11/2021	26/11/2021
Boosting mind, body and Soul connection in women	03/03/2022	03/03/2022
UIFT Celebrates Baisakhi By Organising A Calligraphy Competition	13/04/2022	13/04/2022

Title of Event	From Date	To Date
Songs Of Spring: Celebrating Earth Day at UIFT & Styling and Clothing -Inspiration from Bollywood	22/04/2022	22/04/2022
World Environment Day Celebrated at UIFT & VD	31/05/2022	31/05/2022
	06/06/2022	06/06/2022

#### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

#### 7. Number of Patents Published/Awarded

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

#### 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

## ZOOLOGY

### SUMMARY OF PUBLICATIONS

#### PUBLICATIONS

#### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Mani Chopra, Era Seth, Sweety Mehra, Ranbir Chander Sobti (2022)	CRISPR/Cas9 system and prospects in animal modeling of neurodegenerative diseases; Advances in Animal Experimentation and Modeling; Elsevier	9780323905831	International
Prof. Sukhbir Kaur (2022)	Drug development for malaria: Novel approaches for prevention and treatment; Assays for antimalarial drug discovery; WILEY	9783527348602	International
Ashish Kumar Lamiyan, Ramkesh Dalal, Sapna Katnoria, Ahsan Ali, Neelima R. Kumar, Anoop Singh (2022)	Honey Toxicity and Its Health Hazards Along with Related Mechanisms; Honey: A Miraculous Product of Nature; Taylor & Francis	9781003175964	International
Indu Sharma, Chahat Dhawan, Pallavi Arora, Pritika Chandel, Smita Bhattacharjee (2022)	Role of Environmental Factors in PCOS Development and Progression; Advances in Herbal Medicine for Polycystic Ovarian Syndrome: A complementary Therapy. Eds: Dr. DR Thakur, Dr. Seema Rai, Dr. Younis Ahmad Hajam and Dr. Rajesh Kumar; CRC Press, Taylor and Francis Group.	9781003344728	International
Chahat Dhawan, Pallavi Arora, Indu Sharma (2022)	Traditional nutraceutical practices on sexual disorders.; Nutraceuticals on Sexual Disorders; Apple	9781774917312	International

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
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Academic Press (CRC Press) USA (Part-III:  
Chapter-9)

### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Jaiswara, R., Shah, M. S., Ali, A., Kumar, N. R. & Usmani, M. K (2021)	A new species of the genus <i>Platycleis</i> Fieber, 1853 (Orthoptera: Tettigoniidae) from the Western and Trans Himalayas, India; <i>Zootaxa</i>	ISSN 1175-5326 (Print Edition) & ISSN 1175-5334 (Online Edition)	Yes	Magnolia Press, Auckland, New Zealand
Jaiswara, Ranjana, Muzamil Syed Shah, A. H. S. A. N. Ali, NEELIMA R. Kumar, and Mohd Kamil Usmani. (2022)	A new species of the genus <i>Platycleis</i> Fieber, 1853 (Orthoptera: Tettigoniidae) from the Western and Trans Himalayas, India; <i>Zootaxa</i>	1175-5326	Yes	Magnolia Press
Wadhawan A, Singh J, Sharma H, Handa S, Singh G, Kumar R, Barnwal RP, Kaur IP, and Chatterjee M. (2022)	Anticancer Biosurfactant-Loaded PLA-PEG Nanoparticles Induce Apoptosis in Human MDA-MB-231 Breast Cancer Cells; <i>ACS Omega</i>	2470-1343	Yes	ACS Publications
Prof. Sukhbir Kaur (2021)	Antileishmanial potential of immunomodulator gallic acid against experimental murine visceral leishmaniasis; <i>Parasite Immunology</i>	0141-9838 / 1365-3024	Yes	Wiley
Prof. Sukhbir Kaur (2021)	Antiparasitic potential of Indian honey bee glue against strains of <i>Leishmania donovani</i> sensitive and resistant to synthetic antileishmanial.; <i>Biologia</i>	0006-3088 / 1336-9563	Yes	Springer
Nain Singh Dhiman, Varinder Saini, Vijay Kumar (2022)	Association of single nucleotide polymorphisms of interferon- $\gamma$ with pulmonary tuberculosis in population of Himachal Pradesh, India; <i>Gene</i>	0378-1119	Yes	Elsevier
Seth, Era, Aitizaz Ul Ahsan, Surbhi Kaushal, Sweety Mehra, and Mani Chopra (2021)	Berberine affords protection against oxidative stress and apoptotic damage in F1 generation of wistar rats following lactational exposure to chlorpyrifos; <i>Pesticide Biochemistry and Physiology</i>	0048-3575	Yes	Elsevier
• Xiaofen Wu, Archana Chauhan, Alice C. Layton, Maggie C. Y. Lau Vetter, Brandon T. Stackhouse, Dani (2021)	Comparative Metagenomics of the Active Layer and Permafrost from Low-Carbon Soil in the Canadian High Arctic; <i>Environmental Science &amp; Technology</i>	0013-936X / 1520-5851	Yes	ACS OMEGA
Sweety Mehra, Aitizaz Ul Ahsan, Era Seth	Critical Evaluation of Valproic Acid-Induced Rodent Models of Autism;	1559-1166	Yes	Springer

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISSN Number</b>	<b>Peer Reviewed (Y/N)</b>	<b>Publisher</b>
&amp; Mani Chopra (2022)	Current and Future Perspectives; Journal of Molecular Neuroscience			
Prof. Sukhbir Kaur (2021)	Cross-protective efficacy of immunostimulatory recombinant <i>Brugia malayi</i> protein HSP60 against the <i>Leishmania donovani</i> in BALB/c mice; Biologicals	1045-1056	Yes	Elsevier
Sharma, Deepika, Naveen Kumar, Saras Tiwari, Tarang Mehrotra, Naveed Pervaiz, Ravinder Kumar, and La (2021)	Cytotoxic potential of Rheum emodi capped silver nanoparticles and In silico study of human CDK-4/6 proteins with hydroxyanthraquinones; Journal of the Indian Chemical Society	0019-4522	Yes	Elsevier
Aashna Sharma, Vineet K. Dubey, Jeyaraj A. Johnson, Yogesh K. Rawal, Kuppusamy Sivakumar. (2022)	Dendritic prioritization through spatial stream network modeling informs targeted management of Himalayan riverscapes under brown trout invasion; Journal of Applied Ecology	1365-2664	Yes	Wiley-Blackwell
Dr. Ravneet Kaur (2021)	Dose and time response study to develop retinal degenerative model of zebrafish with lead acetate; Cutaneous And Ocular Toxicology	1556-9527 / 1556-9535	Yes	TAYLOR & FRANCIS
Basharat Ali , Yogesh K. Rawal , Oshin Dhillon (2022)	Effect of dietary <i>Medicago sativa</i> extract on hepato-renal indicators, intestinal mucosal morphology and serum bactericidal activity in <i>Cyprinus carpio</i> fingerlings; Egyptian Journal of Aquatic Biology & Fisheries	1110 – 6131	Yes	Elsevier
Prof. Sukhbir Kaur (2022)	Efficacy of <i>Chininum Sulphuricum 30C</i> against Malaria: An in vitro and in vivo Study; Complementary Medicine Research	2504-2092 / 2504-2106	Yes	Karger
Prof. Sukhbir Kaur (2021)	Ethanol extract of <i>Bergenia ciliata</i> (Haw.) Sternb. (rhizome) impedes the propagation of the malaria parasite; Journal of Ethnopharmacology	0378-8741	Yes	ELSEVIER
Basharat Ali, Yogesh Kumar Rawal (2022)	Evaluation of optimum dietary protein requirement for maximum growth of common carp ( <i>Cyprinus carpio</i> ) fingerlings; Aquaculture Research	1355-557X / 1365-2109	Yes	Wiley
Prof. Sukhbir Kaur (2022)	Evidence for Reversal of Immunosuppression by Homeopathic Medicine to a Predominant Th1-type Immune Response in BALB/c Mice Infected with <i>Leishmania donovani</i> ; Homeopathy	1475-4916 / 1476-4245	Yes	Thieme
Mohinder Singh Johal, Aashna Sharma, Vineet Kumar Dubey, Jeyaraj	Invasive brown trout <i>Salmo trutta</i> induce differential growth strategies in the native snow trout <i>Schizothorax richardsonii</i> of Himalaya: Are natives in	0175-8659 (print) 1439-0426 (web)	Yes	Wiley-Blackwell

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Antony Johnson, Yogesh Kumar Rawal, (2021)	unaltered rivers better at picking the gauntlet of invasion?; Journal of Applied Ichthyology			
Prof. Sukhbir Kaur (2021)	Lymphatic filariasis and visceral leishmaniasis coinfection: A review on their epidemiology, therapeutic, and immune responses.; Acta Tropica	0001-706X / 1873-6254	Yes	Elsevier
Panwar RS, Pervaiz N, Dhillon G, Kumar S, Sharma N, Aggarwal N, Tripathi S, Kumar R, Vashisht A, Kum (2022)	Mangifera indica leaf extract assisted biogenic silver nanoparticles potentiates photocatalytic activity and cytotoxicity; Journal of Materials Science: Materials in Electronics	0957-4522	Yes	Springer
Dr. Ravneet Kaur (2021)	Microstructure and biocompatibility of biphasic ceramic (HA/ $\beta$ -TCP) from scales of fresh water fish common carp ( <i>Cyprinus carpio</i> ); Materials Letters	0167-577X / 1873-4979	Yes	ELSEVIER
Naireen Fariya, Harpreet Kaur, Mahender Singh , Rehana Abidi I, Mansour El-Matbouli 4, Gokhlesh (2022)	Morphological and Molecular Characterization of a New Myxozoan, <i>Myxobolus grassi</i> sp. nov. (Myxosporea), Infecting the Grass Carp, <i>Ctenopharyngodon idella</i> in the Gomti River, India; Pathogens	2076-0817	Yes	MDPI
Rana K And Kaur H (2021)	Morphological and molecular description of <i>Pallisentis roparensis</i> n. sp. (Acanthocephala: Quadrigyridae) infecting the freshwater cat fish <i>Wallago attu</i> from Ropar Wetland, Punjab, India; International Journal for Parasitology: Parasites and Wildlife	2213-2244	Yes	ELSEVIER
Ishtiyaq Ahmad1   Imtiaz Ahmed1   Quseen Mushtaq Reshi1   Kousar Jan1   Aditya Gupta Sh (2021)	Morphological, histopathological and molecular characterization of <i>Myxobolus szekelyianus</i> n. sp. (Cnidaria: Myxosporea: Myxobolidae) causing acute gill disease in <i>Schizothorax esocinus</i> (Heckel, 1838) from River Jhelum of Kashmir Himalayan region, India; Aquaculture Research	1355-557X / 1365-2109	Yes	WILEY
Era Seth, and Mani Chopra. (2022)	Neuroprotective efficacy of berberine following developmental exposure to chlorpyrifos in F1 generation of Wistar rats: Apoptosis-autophagy interplay.; Science of The Total Environment	0048-9697.	Yes	Elsevier
Rana K And Kaur H (2021)	Phylogenetic analysis of <i>Pallisentis nagpurensis</i> (Acanthocephala: Quadrigyridae) infecting snakehead murrel <i>Channa striata</i> in Himachal Pradesh, India; JPD	0971-7196 / 0975-0703	Yes	SPRINGER



<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISSN Number</b>	<b>Peer Reviewed (Y/N)</b>	<b>Publisher</b>
Prof. Sukhbir Kaur (2022)	Preparation, Standardization and Anti-plasmodial Efficacy of Novel Malaria Nosodes; Homeopathy	1475-4916 / 1476-4245	Yes	Thieme
Prof. Sukhbir Kaur (2021)	Promastigotes of Leishmania donovani exhibited sensitivity towards the high altitudinal Cicer microphyllum; CRPVBD	2667-114X	Yes	Elsevier
Priti Kumari, Indu Sharma, Subhas Chandra Saha, Radhika Srinivasan, Anuradha Sharma (2022)	Promoter methylation status of key genes and its implications in the pathogenesis of endometriosis, endometrioid carcinoma of ovary and endometrioid endometrial cancer; Journal of Cancer Research and Therapeutics	Print -0973-1482, Online - 1998-4138	Yes	Wolters Kluwer - Medknow
Kumari P, Sharma I, Saha SC, Srinivasan R, Sharma A (2022)	Promoter methylation status of key genes involved in the pathogenesis of endometriosis, endometrioid carcinoma of ovary and endometrioid endometrial cancer; Journal of Cancer Research & Therapeutics (JCRT)	Print -0973-1482, Online - 1998-4138	Yes	Wolters Kluwer - Medknow
Ali, A.*, Jaiswara, R.*, Monaal, Kumar, N. R., Bharti, U. & Heller, G. R. (2021)	Revision of the high-altitude genus Hyphinomos Uvarov, 1921 (Orthoptera: Tettigoniidae) with a redescription and new data on mating behavior and acoustic signals of H. svenhedini Ramme, 1950; Zootaxa	ISSN 1175-5326 (Print Edition) && ISSN 1175-5334 (Online Edition)	Yes	Magnolia Press
Kumari P, Sharma I, Saha SC, Srinivasan R., Bhardwaj (2022)	Role of serum microRNAs as biomarker for three gynecological disorders; Indian Journal of Medical Research (IJMR)	0971-5916	Yes	Wolters Kluwer - Medknow
Prof. Sukhbir Kaur (2022)	Seasonal association of relatively abundant mosquitoes of Culex pipens group in different ecological habitats of Chandigarh and its nearby areas.; Indian journal of entomology	0367-8288	Yes	Indian entomology society
Nain Singh Dhiman, Varinder Saini, Vijay Kumar (2022)	Sex-dependent regulation of interferon- $\gamma$ receptor expression in pulmonary tuberculosis; Human Immunology	0198-8859	Yes	Elsevier
PROF. Sukhbir Kaur (2021)	Sinigrin in combination with artesunate provides protection against lethal murine malaria via falcipain-3 inhibition and immune modulation; International Immunopharmacology	1567-5769 / 1878-1705	Yes	ELSEVIER
Nikita Dhiman, Savita Chaudhary, Avtar Singh, Archana Chauhan, Rajeev Kumar (2022)	Sustainable degradation of pharmaceutical waste using different fungal strains: Enzyme induction, kinetics and isotherm studies; Environmental Technology & Innovation	2352-1864	Yes	ELESVIER

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Jaiswara, R. Desutter-Grandcolas, L. & Jain, M. (2021)	Taxonomic revision of <i>Teleogryllus mitratus</i> (Burmeister, 1838) and <i>T. occipitalis</i> (Serville, 1838) in India, with the description of <i>Teleogryllus rohinae</i> Jaiswara & Jain sp. nov. and a key for <i>Teleogryllus</i> species from India (Orthoptera: Gryllidae); Zootaxa	ISSN 1175-5326 (Print Edition) ISSN 1175-5334 (Online Edition)	Yes	Magnolia Press, Auckland, New Zealand
Dr. Ravneet Kaur (2022)	Ultrastructural studies of photoreceptor cell degeneration with organophosphate and its regeneration in <i>Cyprinus carpio communis</i> L.; Micron	0968-4328 / 1878-4291	Yes	Elsevier
Dr. Ravneet Kaur (2021)	Yoga as a Preventive Intervention for Cardiovascular Diseases and Associated Comorbidities: Open-Label Single Arm Study; Frontiers in Public Health	2296-2565	Yes	Frontiers

#### DETAILS OF PUBLICATIONS

##### Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### DETAILS OF PUBLICATIONS

##### Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
Aashna Sharma, Vineet K. Dubey, Yogesh K. Rawal, Kuppusamy Sivakumar, Jeyaraj Antony Johnson, Samban (2022)	India must protect Himalayan headwaters; Science	0036-8075	AAAS (American Association for the Advancement of Science)

##### Summary of Research Publications July 1, 2021 to June 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	Department of Zoology	Peer Review Journals	38	2	0	40
2	Department of Zoology	Book with ISBN	1	0	0	1
3	Department of Zoology	Chapter in a book	4	0	0	4
4	Department of Zoology	Newspaper and Media	1	0	0	1

#### RESEARCH SCHEMES

##### Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
CCRH, New Delhi	To evaluate the anti-leishmanial potential of some homoeopathic drugs in	5595840	1397487	Major	2016 - Till Date	Prof. Sukhbir Kaur

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
	experimental visceral leishmaniasis					
DST-SERB-ECR	Early Career Research Award (ECRA)-SERB	3933600	84980	Major	2017 - Till Date	Dr. Indu Sharma
DST-SERB-ECR	Study of the permafrost biodiversity of the Changthang region in Ladakh	4312562	1312562	Others	2017 - Till Date	Dr. Archana Chauhan
DST-SERB-ECR	Integrated morpho-molecular approach for the differentiation of species and complexes of Culex and Aedes (Diptera: culicidae)	3199200	500000	Major	2017 - Till Date	Dr. Sukhbir Kaur
CCRH	Evaluation of antimalarial efficacy of some homeopathic drugs against Plasmodium falciparum in vitro and against P.berghei in vivo.	7000000	1304868	Major	2016 - Till Date	Sukhbir Kaur
DST-SERB	Modulatory influence of experimental intervention by a novel compound (AECHL-1) on the molecular events during Leishmania donovani infection to host macrophage (Balb/C mice)	2000000	1920000	Student Research Projects	2018 - Till Date	N-PDF Dr Sunil Dhatwalia
Department of Science and Technology, Chandigarh	Investigating Insect (Hymenoptera) Antimicrobial Peptides as Potential Treatment Against Selected Bacterial Pathogens	125000	125000	Minor	2020 - Till Date	Dr. Harpreet Kaur
SERB-DST	Diversity and Molecular Phylogeny of Myxozoan Parasites infecting Freshwater fishes in Punjab and their Biological effects	2861700	1680000	Major	2020 - Till Date	Prof. Harpreet Kaur
Department of Biotechnology, GOI	Screening Bee Sting for Antimicrobials against bacteraemia by Streptococcus pneumonia in Children	4361400	0	Major	2020 - Till Date	Dr. Srinivas K. Ambatipudi

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT**

**Details of Seminars, Conferences, and Workshops organized during the Academic Year**

<b>Title of the Event</b>	<b>From Date</b>	<b>To Date</b>	<b>Name of Coordinator / Convener</b>	<b>Number of Participants</b>
Distinguished Virtual Lecture on Small stories big impact DNA in life science research and Protein-based biomarkers methods of discovery and clinical application	2021-08-11	2021-08-11	Dr. Archana Chauhan	100
Distinguished Virtual Lecture on Introduction to proteomics and application of biomarker discovery and Cloning of India's black gold, buffalo. Waiting at a lab to reach farmer farm	2021-08-17	2021-08-17	Dr. Archana Chauhan	100
7 days Training program on Advanced Molecular Biology Techniques under STUTI program	2022-03-21	2022-03-27	Dr. Archana Chauhan	80

**CONFERENCE/ SYMPOSIA/ WORKSHOP/ FACULTY DEVELOPMENT PROGRAMME (ATTENDED BY THE FACULTY)**

**Details of Conference/ Symposia/ Workshop/ Faculty Development Programme (Attended by the faculty) during the Academic Year 2021 - 2022**

<b>Name of the Faculty</b>	<b>Theme</b>	<b>Place</b>	<b>From Date</b>	<b>To Date</b>	<b>Online/ Offline</b>	<b>Financial Assistance (in Rs.)</b>
Dr Vijay Kumar	Training Program Advanced Molecular Biology Techniques (Bioscience for Human Health Mission)	Panjab University, Chandigarh	21/03/2022	27/03/2022		0
Dr. Archana Chauhan	eDNA tool for wildlife conservation and biodiversity monitoring	Ludhiana, Punjab	05/10/2021	05/10/2021		0
Dr. Archana Chauhan	Environmental DNA for survey and monitoring invasive species	Jalandhar, Punjab	27/10/2021	27/10/2021		0
Dr. Indu Sharma	5th World Cancer Congress 2021	Delhi	25/09/2021	26/09/2021		5999
Dr. Indu Sharma	Training Program on Advanced Molecular Biology Techniques	Chandigarh	21/03/2022	27/03/2022		4000
Dr. Mani Chopra	Online Refresher Course – Research Methodology in Sciences	Chandigarh	14/09/2021	27/09/2021	Online	0
Dr. Mani Chopra	Training Program on Advanced Molecular Biology Techniques	Chandigarh	21/03/2022	27/03/2022		0
Dr. Ravinder Kumar	Online Refresher Course – Research Methodology in Sciences	Chandigarh	14/09/2021	27/09/2021	Online	0
Dr. Ravneet Kaur	Environmental Changes and Emerging Zoonotic Diseases” Under the Aegis	Chandigarh	21/07/2021	21/07/2021		0

Name of the Faculty	Theme	Place	From Date	To Date	Online/ Offline	Financial Assistance (in Rs.)
	of Indian Science Congress Association (Chandigarh Chapter) and Chandigarh Forum for Sciences and Technology Communication					
Dr. Ravneet Kaur	Innovation in Science and Technology: Impact on Society” Under the aegis of Indian Science Congress Association (ISCA, Chandigarh chapter) &&& Zoological society of India	Chandigarh	11/08/2021	11/08/2021	Online	0
Dr. Ravneet Kaur	Statistical Techniques using Computation using R / R-STUDIO	Chandigarh	13/09/2021	21/09/2021	Online	0
Dr. Ravneet Kaur	Emerging trends and alternatives in pharmacological research	Chandigarh	14/02/2022	19/02/2022		0
Dr. Ravneet Kaur	Vigyan Sarvatra Pujyate-National Science Week Festival,	Chandigarh	22/02/2022	28/02/2022		0
Dr. Ravneet Kaur	Office Administration and Financial Procedures	Chandigarh	20/04/2022	20/04/2022	Offline	0
Dr. Yogesh Kumar Rawal	Strategies and Solutions to achieve clean Air-Punjab	Punjabi University, Patiala	24/12/2021	25/12/2021	Offline	0
Dr. Yogesh Kumar Rawal	National Seminar on Biodiversity and Sustainable Development	Sirmour (Himachal Pradesh)	28/12/2021	29/12/2021	Offline	0
Prof. Sukhbir Kaur	Online 7Days FDP Research in Sciences – Novel Tools and Methodologies	Chandigarh	03/08/2021	09/08/2021		0
Prof. Sukhbir Kaur	DBT Sponsored 21 days Faculty Training Program on “Trends in Immuno Techniques”	Panjab University	15/11/2021	11/12/2021		0
Prof. Sukhbir Kaur	“Interdisciplinary Refresher Course in Environment Studies”	Chandigarh	17/11/2021	30/11/2021		0
Prof. Sukhbir Kaur	LMHI Global Colloquium 2021 Homeopathy: Ahead Of Its Time	Online	10/12/2021	12/12/2021		0

Name of the Faculty	Theme	Place	From Date	To Date	Online/ Offline	Financial Assistance (in Rs.)
Prof. Sukhbir Kaur	Vigyan Sarvatra Pujyate-National Science Week Festival,	Chandigarh	22/02/2022	28/02/2022		0
Prof. Sukhbir Kaur	International Women's Day	Chandigarh	08/03/2022	08/03/2022		0
Prof. Sukhbir Kaur	Training Program Advanced Molecular Biology Techniques (Bioscience for Human Health Mission)	Panjab University	21/03/2022	27/03/2022		0
Prof. Sukhbir Kaur	“Dealing with day-to-day problems of hostel residents and staff.”	HRDC, Panjab University Chandigarh	20/04/2022	20/04/2022		0
Prof. Sukhbir Kaur	National Conference on Natural Sciences: Exploration through Innovations (NSEI)	Solan, Himachal Pradesh	27/05/2022	28/05/2022		0

#### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	Department of Zoology	Poonam Keshav	Evaluation Of Immunotherapeutic Potential And Antileishmanial Efficacy Of Cicer Arietinum And Putranjiva Roxburghii Against Murine Visceral Leishmaniasis	2022-04-13	Prof. Sukhbir Kaur
2	Department of Zoology	Varsha Sharma	Alleviation Of First-Line Antitubercular Drugs Induced Hepatotoxicity, Nephrotoxicity And Genotoxicity In Wistar Rats By Ethanolic Extract Of Adhatoda Vasica And Andrographis Paniculata	2021-12-21	Prof. V . L. Sharma
3	Department of Zoology	Bandu Matiyal	Comparative study on collagen and bioapatite from scales of three exotic carps : cyprinus carpio linn., hypophthalmichthys molitrix (Valenciennes) and ctenopharyngodon idella (Valenciennes)	2022-04-29	Dr. Ravneet Kaur
4	Department of Zoology	Naveed Pervaiz	To Study The Effect Of Lenalidomide On The Melanocytes And Cytotoxic Cd8+ T Lymphocytes In Vitiligo Mouse Model And Its Therapeutic Implications	2021-12-27	Dr. Ravinder Kumar and Dr. Davinder Parsad

## MISCELLANEOUS

Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
NIL		

### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
1	Department of Zoology	Defence Institute of High Altitude Research (DIHAR), DRDO, c/o APO Leh, DIHAR Base Lab. Chandigarh, be recognised as Research Centre of Panjab University for pursuing research work of Ph.D. Degree	DIHAR, DRDO, Leh	DIHAR, DRDO, Leh	19/11/2019	31/12/2024	National

### 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
1	Department of Zoology	Investigating the therapeutic Role of WNT Pathway Activator and Janus Kinase inhibitor in Vitiligo	Dr. Davinder Parsad, Department of Dermatology, PGIMER, Chd.	Dr. Ravinder Kumar	17/06/2018	National	Research	CSIR	20/06/2023
2	Department of Zoology	Analysis of Genetic Variation in NRIH3 Gene and their association with Tuberculosis in population of Punjab, India	Dr. Varinder Saini, Department of Pulmonary Medicine, GMCH-32, Chd.	Dr. Vijay Kumar	12/01/2018	National	Research	CSIR	30/01/2023
3	Department of Zoology	Association of Genetic Polymorphosis in Interferon Gamma and its Receptor genes with tuberculosis	Dr. Varinder Saini, Department of Pulmonary Medicine, GMCH-32, Chd.	Dr. Vijay Kumar	30/06/2017	National	Research	UGC	02/07/2021

### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Sources of Funds	Total
Total Number of Computers in the department	21	9	0	30
Class rooms	5	0	0	5
Class rooms with Wifi/LAN facility	5	0	0	5
Class rooms with ICT facility (LCD/Projector)	5	0	0	5

Facilities	Existing	Newly Created/Added	Sources of Funds	Total
No. of Research Labs	6	0	0	6
No. of Computer labs	1	0	0	1
Video Centre	5	0	0	5
Seminar Halls with ICT facility	3	0	0	3
Seminar Halls	3	0	0	3
No. of important equipments purchased ( $\geq$ 10 lakh) during the current year.	5	0	0	5
Value of the equipment purchased during the year (Rs. in Lakhs)	13146874	452108	0	13598982

#### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
Rangoli Maling Competition on the theme 75 <sup>th</sup> year of India's Independence (For m.Sc and Ph. D Students)	20	Entrance of Department of Zoology, Panjab University, Chandigarh	05/11/2021	05/11/2021
Just a minute, Paper Reading and Poster Making Competition on National Science Day on the theme " Integrative approach in Science and Technology for a Sustainable Future"	100	Main Auditorium, Department of Zoology, Panjab University, Chandigarh	28/02/2022	28/02/2022
Annual Sports Day	100	Sports Ground, Panjab University, Chandigarh	11/03/2022	11/03/2022
Paper Reading Competition-I (Biodiversity and Conservation)	30	Small Auditorium, Department of Zoology, Panjab University, Chandigarh	27/05/2022	27/05/2022
Paper Reading Competition-II	30	Main Auditorium, Department of Zoology, Panjab University, Chandigarh	01/06/2022	01/06/2022

#### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
Teacher's Day	06/09/2021	06/09/2021
National Science Day	28/02/2022	28/02/2022
International Women's Day	08/03/2022	08/03/2022
Title of Event	From Date	To Date

#### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

#### 7. Number of Patents Published/Awarded



SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

#### 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

## MEDICAL PHYSICS

### SUMMARY OF PUBLICATIONS

The Centre for Medical Physics was created in 2007, as a joint venture of Panjab University and the Post Graduate Institute of Medical Education & Research (PGIMER) to utilize technology-dependent specialties coming out of the new scientific innovations for the immediate need of society, i.e. good health. Medical Physics encompasses into its fold: 1. Diagnostic radiology physics (diagnostic imaging with x-rays and gamma-rays) 2. Nuclear medicine physics (diagnostic imaging with radio-nuclides) 3. Radiation Oncology physics (treatment of cancer with ionizing radiation) 4. Health physics (study of radiation hazards and radiation protection) The aim of the Medical Physics course at the postgraduate level is to generate expertise and overcome the scarcity of manpower for cancer treatment facilities. Each year the cancer treatment facilities and the sophistication of the radiotherapy equipment are increasing enormously. Medical physicists contribute to the effectiveness of radiological imaging procedures by assuring that best radiation safety practices are followed (reducing radiation dose to patients and staff) and helping to develop improved imaging techniques (e.g., mammography CT, MR, ultrasound). They contribute to the development and implementation of therapeutic techniques (e.g., external beam, brachytherapy, HDR, stereotactic radiosurgery), collaborate with radiation oncologists to design and execute patient-specific treatment plans, and monitor equipment and procedures to ensure that cancer patients receive the prescribed dose of radiation to the correct location while minimizing the radiation dose to surrounding normal tissue. Academic training alone does not make a medical physicist. In addition, a certification from the Atomic Energy Regulatory Board (AERB) (for the Radiation Safety Officer, level-III) to the students is mandatory for competence in the handling of the patients care and running the radiation facilities independently.

### PUBLICATIONS

#### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
NIL			

#### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Dr. Vivek Kumar (2021)	Degree of reduction in normal liver complication probability from free-breathing to breath-hold liver SBRT: a dose-escalation strategy using radiation dose-volume effect; Biomedical Physics & Engineering Express	ISSN.2057-1976 Online ISSN: 2057-1976	Yes	IOP Publishing
Dr. Vivek Kumar (2021)	DVH Analyzer: design and algorithm to reveal DVH bands for quantitative analysis of robust radiotherapy treatment plans; Health and Technology	Electronic 2190-7196, Print ISSN 2190-7188	Yes	Springer

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Dr. Vivek Kumar (2021)	Radiobiological modeling of radiation-induced acute mucosal toxicity (oral mucositis and pharyngeal mucositis): A single-institutional study of head-and-neck carcinoma; Journal of Cancer Research and Therapeutics (accepted)	Print -0973-1482, Online - 1998-413	Yes	Medknow Publications
Dr. Vivek Kumar (2021)	Radiobiological modeling of radiation-induced acute proctitis: A single-institutional study of prostate carcinoma; Journal of Cancer Research and Therapeutics (Accepted)	Print -0973-1482, Online - 1998-413	Yes	Medknow Publications
Dr. Vivek Kumar (2021)	Radiobiological modeling of radiation-induced acute rectal mucositis: A single-institutional study of cervical carcinoma; Journal of Cancer Research and Therapeutics (Accepted)	Print -0973-1482, Online - 1998-413	Yes	Medknow Publications
Dr. Vivek Kumar (2022)	Radiobiological modelling of radiation-induced acute skin toxicity (dermatitis): A single institutional study of breast carcinoma; Journal of Cancer Research and Therapeutics (Accepted)	Print -0973-1482, Online - 1998-413	Yes	Medknow Publications

#### DETAILS OF PUBLICATIONS

##### Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### DETAILS OF PUBLICATIONS

##### Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### Summary of Research Publications July 1 ,2021 to June 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	Centre for Medical Physics	Peer Review Journals	2	0	0	2

#### RESEARCH SCHEMES

##### Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration (in years)	Principal Investigator and Research Team
NIL					

#### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT

##### Details of Seminars, Conferences, and Workshops organized during the Academic Year

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
NIL				

## SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Centre for Medical Physics	Dr. Vivek Kumar	Online International conference on recent trends in nuclear physics	conference	Academic and Research Event	International	Dharmshala(H.P)	16/02/2022	18/02/2022	Central University of Himachal Pradesh

### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	Centre for Medical Physics	Balbir Singh	Radiobiological Modelling Of Clinical Data Of Radiation Induced Acute Toxicity: An Institutional Data	0000-00-00	Dr. Vivek Kumar and Dr. Arun S. Oinam
2	Centre for Medical Physics	Rose Kamal	Development Of Novel Mlc Delivery Fields Of Imrt And Vmat Plans	2021-12-21	Dr. Vivek Kumar and Dr. Arun S. Oinam
3	Centre for Medical Physics	Deepak Thaper	Evaluation Of Stereotactic Body Radiation Therapy Planning And Dosimetry In Modern Radiotherapy For Improved Clinical Practice	2021-10-29	Dr. Vivek Kumar and Dr. Arun S. Oinam

### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
1	Centre for Medical Physics	

#### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
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NIL

#### 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
1	Centre for Medical Physics	Mask Awareness Drive	Department of NSS	Dr. Vivek Kumar	27/11/2021	National	Covid-19 Pandemic Awareness	Department OF NSS	27/11/2021
2	Centre for Medical Physics	Cleanliness Drive	Department of NSS	Dr. Vivek Kumar	23/11/2021	National	Swachh Bharat Abhiyan	Department of NSS	23/11/2021
3	Centre for Medical Physics	Malaria & Dengue Awareness Rally	Department of NSS	Dr. Vivek Kumar	13/11/2021	National	Malaria & Dengue	Department of NSS	13/11/2021

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
4	Centre for Medical Physics	PRE-RD Trial NSS Parade Camp	NSS Regional Directorate, Chandigarh & State Nss Cell, Chandigarh Administration	Dr. Vivek Kumar	20/09/2021	National	Awareness Programme NSS PRE-RD Camp	NSS Regional Directorate, Chandigarh	20/09/2021
5	Centre for Medical Physics	Cleanliness Drive	Department OF NSS	Dr. Vivek Kumar	06/08/2021	National	Swachhta Abhiyan	Department of NSS	06/08/2021
6	Centre for Medical Physics	Sanitizer Distribution Programme	Department of NSS	Dr. Vivek Kumar	05/02/2022	National	COVID-19	Department of NSS	05/02/2022

### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created /Added	Total
Total Number of Computers in the department	13	0	13
Class rooms	0	0	0
Class rooms with Wifi/LAN facility	1	0	0
Class rooms with ICT facility (LCD/Projector)	1	0	1
No. of Research Labs	1	0	1
No. of Computers Labs	1	0	1
Video Centre	0	0	0
Seminar Halls with ICT facility	1	0	1
Seminar Halls	0	0	0
No. of important equipments purchased ( $\geq$ 10 lakh) during the current year	0	0	0
Value of the equipment purchased during the year (Rs. In Lakhs)	0	0	0

### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
Independence Day Parade	09/08/2021	15/08/2022
Rashtriya Ekta Diwas Celebrations	31/10/2021	31/10/2021
HIV/AIDS Awareness Rally Under World Aids Day	01/12/2021	01/12/2021
Armed Flag Day	07/12/2021	07/12/2021
Republic Day Parade	18/01/2022	26/01/2022

### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

#### 7. Number of Patents Published/Awarded

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

#### 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

## MICROBIAL BIOTECHNOLOGY

### SUMMARY OF PUBLICATIONS

#### PUBLICATIONS

#### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
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#### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Preeti Garg, Rohit Sharma, Moondeep chauhan, Prerna Attri (2022)	Advances and Perspective on Antimicrobial Nanomaterials for Biomedical Applications; Frontiers in Nanotechnology	2673-3013	Yes	frontiers
Shallu Goyal, Monika Sharma, Rohit Sharma (2022)	Bioactive compound from Lagerstroemia speciosa: activating apoptotic machinery in cancer cells; 3 Biotech	2190-5738	Yes	Springer
Avneet kaur, Urmila Chakraborty, Moondeep Chauhan, Rohit Sharma, Gurpreet Kaur, Ganga ram Chaudhary (2022)	Choline acetate modified ZnO nanostructure as efficient electrochemical sensor for hydrazine detection; Electrochimica Acta	0013-4686	Yes	Elsevier
Dr Rachna Singh (first and corresponding author) (2021)	Nasal microbiota imbalance as a contributory link in the emergence of COVID-19 associated mucormycosis.; ACS Infect Dis	2373-8227	Yes	American Chemical Society
Nakshdeep Kaur Kahlon, Anayata Sharma, Himika Dogra & Rachna Singh* (*Corresponding author) (2022)	Quorum-sensing effector pyocyanin but not farnesol & acyl homoserine lactone exhibit antibacterial activity; Indian Journal of Medical Research	0971-5916	Yes	Wolters Kluwer

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Bajwa T and Sharrna R (2021)	Understanding In-Silico Approaches to Design Synthetic Antifungal Peptides to Combat Fungal Infections like Mucormycosis; Journal of Bacteriology and Mycology	24710172	Yes	austin publishing group

#### DETAILS OF PUBLICATIONS

##### Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### DETAILS OF PUBLICATIONS

##### Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### Summary of Research Publications July 1 ,2021 to June 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	Department of Microbial Biotechnology	Peer Review Journals	5	1	0	6

#### RESEARCH SCHEMES

##### Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
ICMR	ICMR EMR Drug development initiative &quot;Development and evaluation of peptide-derived moieties for antimicrobial activity, particularly antifungal activity against pathogenic Zygomycetes&qu	2076000	815160	Major	2021 - 2024	Dr. Rachna Singh
BIRAC	BioNEST-Panjab University	34271000	0	Major	2017 - Till Date	Dr. Rohit Sharma (Project Leader)
BIRAC	Cluster Innovation Centre in Biotechnology (CIC-B)	23400000	4000000	Major	2014 - 0000	Dr. Rohit Sharma (Chief Coordinator)
Panjab University	BioIncubator under Cluster Innovation Centre in Biotechnology (CIC-B)	52500000	10500000	Major	2014 - Till Date	Dr. Rohit Sharma (Chief Coordinator)

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
BIRAC	Secondary Agriculture Entrepreneur Network (SEAN)	16720000	5858604	Major	2018 - 2021	Dr. Rohit Sharma (Chief Coordinator)
Fresenius Kabi Oncology Limited Pvt. Ltd.	Corporate Social Responsibility-Fresenius Kabi Oncology Limited-Bioincubator-Panjab university (CSR-FKOL-BIPU)	1500000	1500000	Industry Sponsored	2019 - Till Date	Dr. Rohit Sharma (Project Leader)
BIRAC	BIRAC SEED Fund	100000000	5000000	Others	2020 - Till Date	Dr. Rohit Sharma
Techinvention Lifecare Pvt. Ltd.,	CSR FUND	600000	600000	Industry Sponsored	2020 - 2021	Dr. Rohit Sharma
Department for Promotion of Industry and Internal Trade (DPIIT), Ministry of Commerce and Industr	Scheme for Pedagogy and Research in IPRs for Holistic Education and Academia (SPRIHA)	1210000	1210000	Others	2019 - Till Date	Rupinder Tewari
BIRAC	Empowering Youth for Undertaking Value Added Innovative Translational Research (E-YUVA)	23650000	4537692	Major	2021 - Till Date	Dr. Rohit Sharma

#### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT

##### Details of Seminars, Conferences, and Workshops organized during the Academic Year

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
NIL	-	-	-	-

#### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

##### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Department of Microbial Biotechnology	Dr. Rachna Singh	Refresher Course on "Advance in Pedagogical Approaches"	Professional Development Programmes	Refresher Course	National	Panjab University, Chandigarh	04/01/2022	17/01/2022	UGC-HRDC

#### Ph.D. Awards

##### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	Department of Microbial Biotechnology	Mahaldeep Kaur	Identification of self-inhibitory molecule(s) in pathogenic Mucorale	2021-10-29	Dr. Rachna Singh

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
2	Department of Microbial Biotechnology	Girija Kaushal	Rhizopus arrhizus and evaluation of their potential therapeutic utility “Microbiome analysis of diverse natural niches by cultivation-independent high throughput sequencing approach to identify potential carbohydrate active enzymes”	2022-02-03	Dr. Sudhir P.Singh, Dr. R.S. Sangwan (CIAB)
3	Department of Microbial Biotechnology	Shushil Kumar Rai	“Development And Characterization Of Nanobiocatalysts For The Synthesis Of Rare Sugar D-Tagatose”	2022-03-17	Dr. Sudesh Kumar (Scientific- F) CIAB, Mohali
4	Department of Microbial Biotechnology	Sanjam Chandna	“Lignin Directed Synthesis Of Noble Metallic/Bimetallic Nanocomplexes For Developing Antimicrobial Nanocoatings”.	2021-09-28	Dr. Jayeeta Bhaumik (Scientist D) CIAB, Mohali

### MISCELLANEOUS

**Any other noteworthy achievement of the department during this Academic Year 2021 - 2022**

S.no	Department	Achievement
NIL		

**1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities**

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
NIL							

**2. Details of Collaborative activities**

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
NIL									

**3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022**

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	12	0	12
Class rooms	2	0	2
Class rooms with Wifi/LAN facility	2	0	2
Class rooms with ICT facility (LCD/Projector)	2	0	2
No. of Research Labs	5	0	5
No. of Computer labs	1	0	1
Video Centre	0	0	0
Seminar Halls with ICT facility	1	0	1
Seminar Halls	1	0	1



Facilities	Existing	Newly Created/Added	Total
No. of important equipments purchased ( $\geq 10$ lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	5	5

#### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

#### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
NIL		

#### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

#### 7. Number of Patents Published/Awarded

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

#### 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

## NANOSCIENCE AND NANOTECHNOLOGY

### SUMMARY OF PUBLICATIONS

#### PUBLICATIONS

#### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Akash Katoch (2022)	Nanocomposite Materials for Emerging Supercapacitor Applications: Recent Progress; Biorenewable Nanocomposite Materials, Vol. 1: Electrocatalysts and Energy Storage ACS Symposium Series; ACS	287-306	International

#### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Sunil K Arora (2022)	Band alignment determination in few-layer exfoliated MoSe <sub>2</sub> /SiO <sub>2</sub> interface using Synchrotron based photoemission spectroscopy; , Eur. Phys. J. Plus	2190-5444	Yes	Springer

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Dr. Jadab Sharma (2021)	DFT study of electronic structure and mobility of pristine and fluorinated methylammonium lead halide perovskites (CH <sub>3</sub> NH <sub>3</sub> PbX <sub>3</sub> , X = I, Br, Cl); International journal of energy reserach	1099-114X	Yes	Wiley
Dr. Jadab Sharma (2022)	Doping induced stable room temperature dual emission from gadolinium doped vacancy ordered double halide perovskite, Gd:Cs <sub>2</sub> SnCl <sub>6</sub> ; HAL open Science	NA	Yes	HAL
Sunil K Aroroa (2021)	Influence of swift heavy ion irradiations on temperature dependent phononic behavior of epitaxial LaNiO <sub>3</sub> thin film; Journal of Applied Physics	0021-8979	Yes	AIP
Bharat Bajaj (2021)	Terephthalaldehyde as a good crosslinking agent in crosslinked chitosan hydrogel for the selective removal of anionic dyes; New Journal of Chemistry	11440546, 13699261	Yes	RSC
Sunil K Arora (2022)	Unraveling the phonon scattering mechanism in exfoliated MoSe <sub>2</sub> nanosheets using temperaturedependent Raman spectroscopy; J Mater Sci: Mater Electron	0957-4522	Yes	Springer

#### DETAILS OF PUBLICATIONS

##### Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
Sunil k Arora (2022)	Influence of aging on the resistive switching behavior of epitaxial strontium titanate based heterostructures; Materials Today: Proceeding	1369-7021	Elsevier

#### DETAILS OF PUBLICATIONS

##### Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
<b>Summary of Research Publications July 1 ,2021 to June 30, 2022</b>			
S.no	Department	Type of Journal	International National Others Total
1	Centre for Nanoscience and Nanotechnology	Peer Review Journals	6 0 0 6
2	Centre for Nanoscience and Nanotechnology	Conference Proceedings	1 0 0 1
3	Centre for Nanoscience and Nanotechnology	Chapter in a book	1 0 0 1

#### RESEARCH SCHEMES

##### Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration(in years)	Principal Investigator and Research Team
DST-CHD	Fabrication of activated carbon fibers from food	270000	270000	Minor	2020 - 2021	Dr. Bharat Bajaj

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
	waste for waste water treatment.					
CEFIPRA	Plasmonic hot electron pockets as exciton luminescence promoters and regioselective chemical triggers	6421658	510000	Major	2019 - 2022	Jadab Sharma
UGC-IUAC	IUAC	397000	156800	Major	2020 - Till Date	Dr. Akash katoch
UGC	UGC startup grant	1000000	800000	Major	2019 - Till Date	Akash Katoch
UGC-DAE Consortium for Scientific Research Indore	CRS Proposal	679320	226440	Major	2020 - Till Date	Dr. Sunil K Arora

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT**  
**Details of Seminars, Conferences, and Workshops organized during the Academic Year**

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Research Methodology in Science and Engineering	2021-09-02	2021-09-02	Centre for Nanoscience and Nanotechnology	20

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY**  
**3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022**

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Centre for Nanoscience and Nanotechnology	Dr. Bharat Bajaj	Nanovision2022	conference	Academic and Research Event	International	online	19/04/2022	20/04/2022	SGVU, Jaipur
2	Centre for Nanoscience and Nanotechnology	Dr. Bharat Bajaj	3rd International conference on recent advances in Bioenergy	conference	Academic and Research Event	International	online	09/03/2022	11/08/2022	ICRABR, Jalandhar
3	Centre for Nanoscience and Nanotechnology	Dr. Akash Katoch	Online Refresher Course in Environment Studies	Professional Development Programmes	Refresher Course	State	Chandigarh	17/11/2021	30/11/2021	Panjab University
4	Centre for Nanoscience and Nanotechnology	Jadab Sharma	Online-Environmental Studies	Professional Development Programmes	Refresher Course	National	Chandigarh	17/11/2021	30/11/2021	HRDC
5	Centre for Nanoscience and Nanotechnology	Jadab Sharma	FDP on Intellectual Property	Professional Development Programmes	Faculty Exchange Programme	National	Chandigarh	07/05/2022	13/05/2022	HRDC

## Ph.D. Awards

### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	Centre for Nanoscience and Nanotechnology	Sneha Sinha	Vanderwaals heterostructure based on Two Dimesional Layered Materials	2022-06-22	Dr. Sunil Kumar Arora
2	Centre for Nanoscience and Nanotechnology	Manpreet kaur	Synthesis of hetrocyclic organic receptors and development of their nano materials for pharmaceutical drug analysis	2022-06-29	Dr. Navneet Kaur/Dr.Jatinder singh Aulakh
3	Centre for Nanoscience and Nanotechnology	Jyoti	Study of the TiO2 polymer nanocomposite for the fabrication of memory devices	0000-00-00	Prof.S.K Tripathi/Dr. Jadab sharma
4	Centre for Nanoscience and Nanotechnology	Zubair Ahmed	Advance Nanomaterials's For Electro Catalysis	2022-06-02	Dr. Jadab Sharma

## MISCELLANEOUS

### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
NIL		

### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
1	Centre for Nanoscience and Nanotechnology	MoU between Centre for Nanoscience and Nanotechnology, Panjab University Chandigarh and Institute of Nano Science and technology	Institute of Nano Science and Technology, Mohali	Centre for Nanoscience and Nanotechnology, Panjab University Chandigarh	29/05/2015	01/04/2023	National

### 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
1	Centre for Nanoscience and Nanotechnology	Gas sensing properties of metal oxide composites.	Department of Physics Guru Nanak Dev University Amritsar Punjab 143001 India, Surface R&D Group Korea Institute of Industrial Technology (KITECH) 156 Gaetbeol-ro Yeonsu-	Puneet Kaur, Jae Young Park,	07/07/2021	International	Research Purpose	NA	31/08/2022

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
			gu Incheon 21999 Republic of Korea.						
2	Centre for Nanoscience and Nanotechnology	Band structure alignment studies for oxides and 2D- transition metal dichalcogenides	Indus-2, RRCAT,Indore - 452 013.Tel: +91 731 244 2104, Email: snjha@rrcat.gov.in	Dr. S.N. Jha, Prof. Sunil Kumar Arora	01/08/2017	National	Personnel training and research publication	N.A.	31/07/2022
3	Centre for Nanoscience and Nanotechnology	Giant gauge factor of Van der Waals material based strain sensors	School of Physics, Beijing Institute of Technology,Beijing 100081, People's Republic of China	Prof. Han-Chun Wu and Prof. Sunil Kumar Arora	01/08/2019	International	Personnel training and research publication	N.A.	31/07/2022
4	Centre for Nanoscience and Nanotechnology	Study of resistive switching behaviour in epitaxial oxide heterostructures	Institut de Ciència de Materials de Barcelona (ICMAB-CSIC), Campus UAB Bellaterra 08193 Spain	Dr. Florencio Sánchez, Prof Sunil K Arora	01/04/2018	International	Personnel Training and Research Publications	NA	01/08/2023
5	Centre for Nanoscience and Nanotechnology	Biodiesel production from Jatropha curcas oil and used cooking oil using Quintinite-3T nanocatalyst as heterogeneous catalyst	Dr. Anil K Sharma , Scientist E, R&D, SSS-National Institute of Bio Energy, Kapurthala Punjab 144602	Dr. Anil K Sharma, Dr. Bharat Bajaj	01/08/2021	National	Personnel training and research publication	NA	31/08/2022
6	Centre for Nanoscience and Nanotechnology	“Biopolymer Xanthan Gum as Promising Template for Facile Synthesis of Cerium Oxide Nanoparticles and Application as Reusable Catalyst for Reduction of Nitroaromatic Compounds”	Prof. Dhiraj Sud, Department of Chemistry, Sant Longowal Institute of Engineering and Technology Punjab 148106	Prof. Dhiraj Sud , Dr. Bharat Bajaj	30/06/2019	National	Research Purpose	NA	31/08/2022
7	Centre for Nanoscience and Nanotechnology	“Effect of Al Dopant on the structural and optical property of ZnO thin film”	Dr. Sanjay Kumar, Department of Physics, J.V. Jain Degree College, Saharanpur Uttar Pradesh 247001	Dr. Sanjay Kumar , Dr. Bharat Bajaj	01/06/2021	National	Research Purpose	NA	31/08/2022
8	Centre for Nanoscience and Nanotechnology	Research	Department of Applied Sciences, Punjab Engineering College (Deemed to be University), Chandigarh, 160012, India	Mohd Tauheed Ilyas, Kulwinder Kaur and G. S. S. Saini	15/01/2020	National	Research	NA	15/01/2022

### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
Value of the equipment purchased during the year (Rs. in Lakhs)	6107777	1618700	7726477

**4. Details of Extracurricular Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

**5. Activities to celebrate / organize national and international commemorative days, events and festivals**

Title of Event	From Date	To Date
NIL		

**6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

**7. Number of Patents Published/Awarded**

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

**8. Revenue generated through consultancy**

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

**NUCLEAR MEDICINE****SUMMARY OF PUBLICATIONS****PUBLICATIONS****DETAILS OF PUBLICATIONS****(Books/ Reference General/ Book Chapter/ Book Edited)**

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Jasmine Sati, Saurabh Sharma and Vijayta D Chadha (2021)	COVID-19: Rapidly Emerging Scientific Data and its Implications; Covid 19 And Its Impact On Human Society; Narendra	NA	International

**DETAILS OF PUBLICATIONS****(Research Papers/ Review Article/ Editorial Article in Referred Journal)**

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Anna Ara Khan, Rozy Kamal, Jasmine Sati, D K Dhawan, Vijayta D Chadha (2022)	Amelioration of cognitive and biochemical impairment in A $\beta$ based rodent model of Alzheimer's disease following fractionated X-irradiation; Radiation Environmental Biophysics	1432-2099	Yes	Springer Nature
Ravi Ranjan Kumar, Radhika Rani Jaswal, Avneet Saini, D K Dhawan, Vijayta D Chadha. (2021)	Chemoinformatic study and in-vitro bioevaluation of Tc-99m labeled N-acetyl neuraminic acid in C6 glioma cells: Potential role as a radionuclide imaging probe, Indian Journal of Nuclear Medicine; Indian J Nucl Med.	0972-3919	Yes	Wolters Kluwer - Medknow

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
5. Nisha Bhatia, Vandana Dhingra, D K Dhawan, Vijayta D Chadha (2022)	Evaluation of Tetrofosmin cold kit fractionation using alternative new method of quality control for testing radiochemical purity; World Journal of Nuclear Medicine	1450-1147	Yes	Wolters Kluwer - Medknow
Jan Gowsia, Swati, Neelima D Passi, Moika, Devinder Kumar Dhawan, Vijayta Dani Chadha (2022)	Target specific uptake of a newly synthesized radiolabelled 5 $\alpha$ -reductase inhibitor 'Tc-99m-17-oxo-17a-aza-D-homo-5-androsten-3 $\beta$ -ylphenoxyacetate (Tc-99m-17a-aza steroid)' in rat prostatic neoplastic lesions; Indian Journal of Nuclear Medicine	0972-3919	Yes	Wolters Kluwer - Medknow
Anupriya Chhabra, Uma Sharma, Rajender Kumar, Ishita Laroiya, Alka Bhatia, Vijayta D Chadha, Rakh (2022)	Tc-99m-tamoxifen: A novel diagnostic imaging agent for estrogen receptor-expressing breast cancer patients; Diagnostic and Interventional Radiology 2022	1305-3612	Yes	AVES
9. Swati Bhat, Praveen Rishi, Vijayta D Chadha (2022)	Understanding the epigenetic mechanisms in SARS CoV-2 infection and potential therapeutic approaches; Virus Research	0168-1702	Yes	Elsevier

#### DETAILS OF PUBLICATIONS

##### Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### DETAILS OF PUBLICATIONS

##### Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

##### Summary of Research Publications July 1 ,2021 to June 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	Centre for Nuclear Medicine	Peer Review Journals	6	0	0	6
2	Centre for Nuclear Medicine	Book with ISBN	1	0	0	1

#### RESEARCH SCHEMES

##### Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
ICMR	Synthesis and evaluation of a novel 17a-aza steroid in radionuclide imaging and treatment of experimental prostate carcinogenesis	2253300	644020	Student Research Projects	2018 - 2022	Dr. Vijayta D. Chadha

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT**

**Details of Seminars, Conferences, and Workshops organized during the Academic Year**

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Emergency situations and safety measures	2022-03-03	2022-03-03	Dr. Vijayta D. Chadha	50
Workshop jointly Public Health	2022-03-16	2022-03-16	Dr. Savita Prashar	90

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY**

**3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022**

S.no Department Name Title of event Type Special Category Level Place From Date To Date Organized By  
NIL

**Ph.D. Awards**

**Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022**

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	Centre for Nuclear Medicine	Nisha Bhatia	Utility and Comparative Analysis of 99mTc-Per technetate and 99m Tc-Tetrofosmin- A Dual Radiopharmaceutical Approach, with FNAC for Diagnostic Assessment of Thyroid Nodules	0000-00-00	Dr. D.K. Dhawan, Dr. Vandana K. Dhingra, Dr. Vijayta D. Chadha

**MISCELLANEOUS**

**Any other noteworthy achievement of the department during this Academic Year 2021 - 2022**

S.no	Department	Achievement
		NIL

**1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities**

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level

NIL

**2. Details of Collaborative activities**

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
1	Centre for Nuclear Medicine	Synthesis and evaluation of a novel 17a-aza steroid in radionuclide imaging and treatment of experimental	UIPS, Panjab University Chandigarh	Dr. Vijayta D. Chadha, Dr. Neelima Dhingra	01/01/2019	Nil/NA	Research	ICMR	31/12/2021



SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
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prostate  
carcinogenesis"

### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	4	0	4
Class rooms	2	0	2
Class rooms with Wifi/LAN facility	2	0	2
Class rooms with ICT facility (LCD/Projector)	0	0	0
No. of Research Labs	5	0	5
No. of Computer labs	0	0	0
Video Centre	0	0	0
Seminar Halls with ICT facility	0	0	0
Seminar Halls	1	0	1
No. of important equipments purchased ( $\geq$ 10 lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0

### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
NIL		

### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

### 7. Number of Patents Published/Awarded

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

### 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

## PUBLIC HEALTH

### SUMMARY OF PUBLICATIONS

#### PUBLICATIONS

#### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISSN Number	State/ National/ International
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#### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Charu Sharma, Ravi Rohilla, Manoj Kumar (2022)	A cross-sectional study to assess the knowledge and awareness regarding thyroid disorder among university students, Chandigarh, India; International Journal of Community Medicine and Public Health	2394-6040	Yes	Medip Academy
Surbhi Rattan , Meenu Kalia , Ravi Rohilla , Manoj K. Sharma (2022)	Contraceptive awareness and practices in reproductive age couples: A study from urban slums of Punjab; Journal of Family Medicine and Primary Care	2278-7135	Yes	Wolters Kluwer - Medknow
kunal singh, ruchika nandha, savita prashar (2022)	Study on awareness of consumers about transfat in Chandigarh; Indian journal of public health research and development	0976-0245	Yes	Indian journals
Shyam R , Singh AJ , Sharma MK and Anupriyanone (2022)	The Quality of Physical Environment in University of North India; Open Journal of Public Health	2689-9388	No	Remedy Publisher
Kiranjit Kaur , Naveen Krishan Goel , Manoj Kumar Sharma , Navpreet Singh , Mamta Bishnoi , Ravi Roh (2021)	The Social Capital among Elderly Population of Chandigarh: Cross Sectional Study; Healthline Journal	2320-1525	No	national journal of Indian Association of Preventive and Social Medicine

#### DETAILS OF PUBLICATIONS

Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### DETAILS OF PUBLICATIONS

Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

Summary of Research Publications July 1 ,2021 to June 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	Centre for Public Health	Peer Review Journals	3	0	0	3

S.no	Department	Type of Journal	International	National	Others	Total
2	Centre for Public Health	e-Journals	1	1	0	2

## RESEARCH SCHEMES

### Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
Chandigarh State AIDS Control Society, UT, Chandigarh	IEC activities & AIDS Awareness among youth	100000	40000	Minor	2021 - 2023	Dr. Savita Prashar
DST/WOS-B (KIRAN DIVISION)	Development of workplace ergonomics intervention to prevent work-related musculoskeletal disorders in female researchers 18/2021	2353000	744172	Others	2021 - 2024	Dr. Neha Bhatia

## SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT

### Details of Seminars, Conferences, and Workshops organized during the Academic Year

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Hygiene Practices in Daily Life	2022-03-16	2022-03-16	Dr. Savita Prashar	70

## SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S.n	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Centre for Public Health	Manoj kumar	Faculty development program on Understanding Research and Statistical Analysis using SPSS	Professional Development Programmes	Faculty Development Programme	State	online	07/03/2022	16/03/2022	NIT Warangal
2	Centre for Public Health	Manoj kumar	Faculty Induction Program	Professional Development Programmes	Faculty Development Programme	State	online	01/03/2022	31/03/2022	UGC- HRDC
3	Centre for Public Health	Dr.Savita Prashar	Workshop on Emergency Situations and safety measures	workshop	Training/Orientation	University	Centre for Public Health, PU, CHD	03/03/2022	03/03/2022	Centre for Nuclear Medicine and Centre for Public Health, PU
4	Centre for Public Health	Dr.Savita Prashar	Workshop on Hygiene Practices in daily life	workshop	Training/Orientation	University	Centre for Public Health, PU, CHD	16/03/2022	16/03/2022	Centre for Public Health and Centre for Nuclear Medicine, PU

S.n	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
5	Centre for Public Health	Dr.Savita Prashar	Adolescent Health Issues	seminar	Academic and Research Event	State	Government Medical College and Hospital, Sec-32, CHD	10/10/2021	10/10/2021	Department of Community Medicine, GMCH-32, CHD

### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
NIL	-	-	-	-	-

### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
1	Centre for Public Health	

#### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
1	Centre for Public Health	MOU between Centre for Public Health, PU, CHD and Department of Health & Family Welfare, Punjab	Department of Health & Family Welfare, Punjab	Health & Family Welfare, Pariwar Kalyan Bhawan, Chandigarh	23/03/2021	31/03/2023	National

#### 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
1	Centre for Public Health	Hygiene practices in daily life & Waste segregation	Centre for Nuclear medicine Panjab University	nil	16/03/2022	National	Skillfull learning activity	University	16/03/2022

#### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	18	0	18
Class rooms	2	0	2
Class rooms with Wifi/LAN facility	2	0	2
Class rooms with ICT facility (LCD/Projector)	2	0	2
No. of Research Labs	1	0	1
No. of Computer labs	1	0	1
Video Centre	0	0	0
Seminar Halls with ICT facility	1	0	1
Seminar Halls	1	0	1

Facilities	Existing	Newly Created/Added	Total
No. of important equipments purchased ( $\geq$ 10 lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0

#### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
Basic Hand Hygiene Practices, Proper Hand Washing Techniques And General Medical Checkup For Mess Worker	30	Boys hostel no. 4, panjab university, chandigarh	13/05/2022	13/05/2022
Awareness on Breast Cancer Camp	25	Girls Hostel No. 6, Panjab University, Chandigarh	20/05/2022	20/05/2022
Workshop on Woman's Health and Stress and Sleep disorder	20	Girls Hostel No. 3, Panjab University, Chandigarh	27/05/2022	27/05/2022
Role of Dincharya towards maintaining the positive health	15	Girls Hostel No.1, Panjab University, Chandigarh	01/06/2022	01/06/2022
Workshop on HIV and STI awareness	20	Boy Hostel No. 5 Panjab University, Chandigarh	19/5/2022	19/12/2022

#### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
Worlds Aids Day	01/12/2021	01/12/2021
World Health Day	07/04/2022	07/04/2022

#### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

#### 7. Number of Patents Published/Awarded

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number

#### 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)

NIL

## STEM CELL TISSUE ENGINEERING & BIOMEDICAL EXCELLENCE

#### SUMMARY OF PUBLICATIONS

The Department offers two years Masters course in Stem Cell & Tissue Engineering. The students are given theoretical as well as practical exposure to molecular aspects of biology of Stem Cells and Tissue Engineering, research methodology adapted for working with stem cells. It provides an excellent opportunity to the students

**PUBLICATIONS****DETAILS OF PUBLICATIONS****(Books/ Reference General/ Book Chapter/ Book Edited)**

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Shruti Tomar , Veena Puri , Seemha Rai , R. C. Sobti and Sanjeev Puri (2022)	Stem Cells: Medical Marvel in Management of KIDney Diseases; Biomedical Translational Research From Disease Diagnosis to Treatment; Springer	978-981-16-8844-7	International
Taranjot Kaur, Jigyasa Sharma and Seemha Rai (2022)	Tissue Chips: Contemporary Applications and Advancements; Biomedical Translational Research; Springer	978-981-16-8844-7	International

**DETAILS OF PUBLICATIONS****(Research Papers/ Review Article/ Editorial Article in Referred Journal)**

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Singowal, P. Rai, A. Gulafshan, Kumar, A. Kumar, A. Sharma, M. Rai, S. (2022)	“Comparative Investigation to Assess the Impact of SyzygiumCumini Seed Extract and its Solid Lipid Nanoparticles on Murine Mesenchymal Stem Cell Line C3H10T½”; Asian Journal of Organic & Medicinal Chemistry, Vol. 7 No. 2 (April - June, Special Issue - VI 2022), 139-149	2456-8937	Yes	Asian Publication corporation Sahibabad (India),
Gulafshan, Singowal, P. Sharma, M. Pant, P. Rai, S. (2022)	“The Impact Of Herbal Infusion Kahwah On Oxidative Stress And Breast Cancer In Mouse Mesenchymal Stem Cell Line C3h10t1/2 And Mcf-7.”; IJFANS International Journal of Food And Nutritional Sciences	2319 1775	Yes	International jornul of food and Nutritional Sciences Global E Smart Technologies 16-11-781/40/7 Moosaranbagh hyderabad-500036, Telangana,India
Rohit Sharma (2022)	Targeting bacterial biofilms using vancomycin and multivalentcell-penetrating peptide labeled quantum dots; Journal of Biomedical Materials Research Part B Applied Biomaterials	1552-4981	Yes	Wiley

**DETAILS OF PUBLICATIONS****Full Papers Published in Proceedings of Conferences**

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

**DETAILS OF PUBLICATIONS****Articles Published in Newspapers**

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

**Summary of Research Publications July 1 ,2021 to June 30, 2022**

S.no	Department	Type of Journal	International	National	Others	Total
1	Centre For Stem Cell Tissue Engineering & Biomedical Excellence	Peer Review Journals	1	2	0	3

S.no	Department	Type of Journal	International	National	Others	Total
2	Centre For Stem Cell Tissue Engineering & Biomedical Excellence	Books	0	0	0	1
3	Centre For Stem Cell Tissue Engineering & Biomedical Excellence	Chapter in a book	2	1	0	3

## RESEARCH SCHEMES

### Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
DBT	DBT-Builder	99998000	4249131	Interdisciplinary Projects	2021 - Till Date	Dr. Seemha Rai and Dr. Veena Puri

## SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT

### Details of Seminars, Conferences, and Workshops organized during the Academic Year

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Webinar on “Clinical Advancement in Regenerative Medicine and the Role of Stem Cell Based therapies on visual deficits in mild traumatic brain injury”	2022-03-11	2022-03-11	Dr. Seemha Rai	33
Stem Cell Research and Regenerative Medicine	2022-06-03	2022-06-04	Dr. Seemha Rai	35
Stem Cell Research and Regenerative Medicine	2022-06-06	2022-06-06	Centre for Stem Cell Tissue Engineering and Biomedical Excellence and GIOSTAR Mohali	0
“Workshop on Biostatistics and Stem Cells in the Form of 15 Webinars”	2022-05-09	2022-05-25	Dr. Seemha Rai	16

## SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Centre For Stem Cell Tissue Engineering & Biomedical Excellence	Dr. Anuj Gupta	Faculty Development Program on Intellectual Property	Professional Development Programmes	Faculty Development Programme	National	HRDC Panjab University	07/05/2022	13/05/2022	UGC HRDC
2	Centre For Stem Cell Tissue Engineering & Biomedical Excellence	Dr. Seemha Rai and Dr. Anuj Gupta	Strategies for Soft Skill Development and Effective Placements	webinar	Training/Orientation	University	Central Placement Cell Panjab University and NIELIT Chandigarh	30/06/2022	30/06/2022	Central Placement Cell Panjab University and NIELIT Chandigarh

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
3	Centre For Stem Cell Tissue Engineering & Biomedical Excellence	Dr. Anuj Gupta	Waste to Wealth	webinar	Environment Awareness Event	National	Dept. of Biotechnology, UIET, Panjab University, Chandigarh	28/02/2022	28/02/2022	Dept. of Biotechnology, UIET, Panjab University, Chandigarh
4	Centre For Stem Cell Tissue Engineering & Biomedical Excellence	Dr. Seemha Rai	Faculty Development Program on Intellectual Property	Professional Development Programmes	Faculty Development Programme	National	HRDC Panjab University	07/05/2022	13/05/2022	UGC HRDC
5	Centre For Stem Cell Tissue Engineering & Biomedical Excellence	Dr. Anuj Gupta	Workshop on Stem Cell Research & Regenerative Medicine	workshop	Academic and Research Event	National	GIOSTAR-USA Institute of Regenerative Medicine Chandigarh branch-Mohali	03/06/2022	04/06/2022	Centre for Stem Cell Tissue Engineering and Biomedical Excellence and GIOSTAR Mohali

#### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
NIL					

#### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
1	Centre For Stem Cell Tissue Engineering & Biomedical Excellence	To be updated by department in Department Profile Section

#### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
NIL							

#### 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
NIL									

#### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	4	0	4
Class rooms	2	0	2



<b>Facilities</b>	<b>Existing</b>	<b>Newly Created/Added</b>	<b>Total</b>
Class rooms with Wifi/LAN facility	2	0	2
Class rooms with ICT facility (LCD/Projector)	2	0	2
No. of Research Labs	3	0	3
No. of Computer labs	0	0	0
Video Centre	0	0	0
Seminar Halls with ICT facility	0	0	0
Seminar Halls	0	0	0
No. of important equipments purchased ( $\geq 10$ lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0

#### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

<b>Title</b>	<b>No. of participants (Students and Staff)</b>	<b>Venue</b>	<b>From Date</b>	<b>To Date</b>
NIL				

#### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

<b>Title of Event</b>	<b>From Date</b>	<b>To Date</b>
Deepawali Celebrations	03/11/2021	03/11/2021
Holi Celebration	16/03/2022	16/03/2022

#### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

<b>Title</b>	<b>No. of participants (Students and Staff)</b>	<b>Venue</b>	<b>From Date</b>	<b>To Date</b>
NIL				

#### 7. Number of Patents Published/Awarded

<b>SNo</b>	<b>Patent</b>	<b>Author</b>	<b>Date</b>	<b>Status</b>	<b>National/ International</b>	<b>Patent Number/ Application Number</b>
NIL						

#### 8. Revenue generated through consultancy

<b>SNo</b>	<b>Name of Consultancy Project</b>	<b>Name of the Consultant</b>	<b>Consulting/Sponsoring Agency</b>	<b>Project Date</b>	<b>National/ International</b>	<b>Revenue Generated (INR)</b>
NIL						

## SYSTEM BIOLOGY & BIOINFORMATICS

### SUMMARY OF PUBLICATIONS

#### PUBLICATIONS

#### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Dr. Veena Puri (2022)	1. Book Chapter- Bioinformatics: The interactome of multidisciplinary approach; Springer; Biomedical Translational Research	978-981-16-4345-3	International
Dr. Tammanna R. Sahrawat (2022)	Eye Movement Metrics as Indicator of Cognitive Loading: A Systematic Review. Research Aspects in Biological Science; Research Aspects in Biological Science; B P International	ISBN 978-93-5547-411-7	International
Dr. Veena Puri (2022)	Integrated Bioinformatics Analysis to Identify the Potential Molecular Biomarkers for Neuropathic Pain Among Patient of Lumbar Disc Prolapse and COVID; Communication and Intelligent Systems; Springer Verlag	9811610886	International

#### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Dr. Tammanna R. Sahrawat (2021)	Assessment of Manual Lifting Tasks in Terms of Biomechanical and Metabolic Responses in Young Indian Adults: A Pilot Study.; Op Acc J Bio Sci & Res	--	No	Biogeneric publishers
Dr. Tammanna R. Sahrawat (2022)	Identification of novel-vector control target proteins of Aedes sp.: A Systems Network Biology Approach.; Revis Bionatura	--	Yes	Revis Bionatura
Dr. Tammanna R. Sahrawat (2022)	Potential Determinants of Manual Lifting: Validation of Ergonomic Assessment by Scoping Review Applying Meta-analysis Approach.; Journal of Clinical & Diagnostic Research	0973-709X	Yes	Journal of Clinical & Diagnostic Research

#### DETAILS OF PUBLICATIONS

Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### DETAILS OF PUBLICATIONS

Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

Summary of Research Publications July 1 ,2021 to June 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	Centre for System Biology & Bioinformatics	Peer Review Journals	2	0	0	2

S.no	Department	Type of Journal	International	National	Others	Total
2	Centre for System Biology & Bioinformatics	e-Journals	1	0	0	1
3	Centre for System Biology & Bioinformatics	Book with ISBN	1	0	0	1
4	Centre for System Biology & Bioinformatics	Chapter in a book	2	0	0	2

## RESEARCH SCHEMES

### Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years) Date	Principal Investigator and Research Team
DST	Short Term Research Projects	75000	75000	Minor	2021 - Till Date	Dr. Tammanna Ravee Sahrawat

## SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT

### Details of Seminars, Conferences, and Workshops organized during the Academic Year

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Webinar on Mother-Daughter Duo in Science Celebrating International Day of Women and Girls in Science	2021-11-02	2021-11-02	Dr. Tammanna R. Sahrawat	150
Webinar on the occasion of World Social Justice Day & International Mother Language Day	2022-02-21	2022-02-21	Dr. Tammanna R. Sahrawat	140
Two day online Conference on recent advances in life sciences: Omics and Computational Approaches	2022-03-15	2022-03-16	Dr. Tammanna R. Sahrawat	80
A Talk on Journalism without Fear or Favour on World Press Freedom Day	2022-05-03	2022-05-03	Dr. Tammanna R. Sahrawat	140

## SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Centre for System Biology & Bioinformatics	Dr. Veena Puri	International Conference- 3rd International conference on communication and intelligent systems ICCIS2021,NIT Delhi	conference	Academic and Research Event	International	NIT Delhi	18/12/2021	19/12/2021	NIT Delhi
2	Centre for System Biology & Bioinformatics	Dr. Tammanna R. Sahrawat	Warden Training Workshop	workshop	Training/Orientation	University	HRDC	20/04/2022	20/04/2022	Panjab University
3	Centre for System Biology & Bioinformatics	Dr. Tammanna R. Sahrawat	short term course	other	Training/Orientation	National	online course	06/06/2022	11/06/2022	University of Mumbai

## Ph.D. Awards

### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	Centre for System Biology & Bioinformatics	Aprajita Gupta	Investigation on the Reno-Neural biomolecules in Acute kidney injury	2021-07-02	Dr. Veena Puri

## MISCELLANEOUS

### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
<b>1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities</b>		

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
1	Centre for System Biology & Bioinformatics	MOU Between PU and DIPAS Delhi	DIPAS Delhi	DIPAS Delhi	19/02/2016	19/02/2026	National

### 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
1	Centre for System Biology & Bioinformatics	scientific Staff working in DIPAS enrolled in Phd in Centre for Systems biology and Bioinformatics	DIPAS Delhi	PU & DIPAS	09/02/2016	National	scientific Staff working in DIPAS enrolled in Phd in Centre for Systems biology and Bioinformatics	NO	09/02/2026

### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	21	0	21
Class rooms	2	0	2
Class rooms with Wifi/LAN facility	2	0	2
Class rooms with ICT facility (LCD/Projector)	2	0	2
No. of Research Labs	4	0	4
No. of Computer labs	1	0	1
Video Centre	0	0	0
Seminar Halls with ICT facility	1	0	1
Seminar Halls	1	0	1
No. of important equipments purchased ( $\geq$ 10 lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0

**4. Details of Extracurricular Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

**5. Activities to celebrate / organize national and international commemorative days, events and festivals**

Title of Event	From Date	To Date
Gandhi Jayanti To Celebrate Azadi Ka Amrit Mahotsav October 2nd 2021	02/10/2021	02/10/2021
Diwali	01/11/2021	01/11/2021
Constitution Day	26/11/2021	26/11/2021
International Day of Women and Girls in Science	11/02/2022	11/02/2022
World Social Justice Day & International Mother Language Day	21/02/2022	21/02/2022
holi	17/03/2022	17/03/2022
Cleanliness Drive	31/03/2022	31/03/2022
World Press Freedom Day	03/05/2022	03/05/2022

**6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022**

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

**7. Number of Patents Published/Awarded**

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

**8. Revenue generated through consultancy**

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

**EVENING STUDIES****SUMMARY OF PUBLICATIONS****PUBLICATIONS****DETAILS OF PUBLICATIONS****(Books/ Reference General/ Book Chapter/ Book Edited)**

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Gurpal Singh (2022)	Dr Mohinder Gill da kav -parvachan; Dr Mohinder Gill da kav -parvachan; Uni star Book Chandigarh	9789352057467	National

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISBN Number</b>	<b>State/ National/ International</b>
Gurpal Singh (2022)	Harjit Atwal de novel: Vaas , Parvas ate de ate Diaspora; Harjit Atwal de novel: Vaas , Parvas ate de ate Diaspora; Uni Star Books Chandigarh	9789352057696	National

#### **DETAILS OF PUBLICATIONS**

##### **(Research Papers/ Review Article/ Editorial Article in Referred Journal)**

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISSN Number</b>	<b>Peer Reviewed (Y/N)</b>	<b>Publisher</b>
Bhupinder Kaur (2022)	Dr Surjit Singh Khurma di ik alochk vajo pahchan; kalakaar sahitak	23481609	Yes	kawarjeet Bhathal
Mohammed Khalid (2021)	India and Contemporary International Relations: Emerging Trends; Scholars Journal of Arts, Humanities and Social Sciences	ISSN 2347-9493 (Print) ISSN 2347-5374 (Online)	Yes	SAS Publishers
Bhupinder Kaur (2021)	Jaspal Mankhera de novel hun mai woh nahi; kalakaar sahitak	23481609	Yes	kawarjeet Bhathal
Bhupinder Kaur (2021)	Kashmir toh Kanyakumari di sair safarnama ramte jogi vehnde pani; kalakaar sahitak	23481609	Yes	kawarjeet Bhathal
Amandeep (2021)	Marginal Rebel Literature in Telugu; SHODHA	2249-0396	Yes	Hamana Research Centre
Prof. Gurpal Singh (2021)	Modernity and Post-Independence Punjabi Literature; Parakh	2320-9690	No	Panjab University
Mohammed Khalid (2021)	National Security Concerns and India's Expanding Naval Presence in the Indian Ocean; Journal of Political Science and International Relations	ISSN 2640-2769 (Print) ISSN 2640-2785 (Online)	Yes	Science PG Group New York
Dr. Manu Sharma & Prof. Keshav Malhotra (2022)	Performance and Volatility Analysis of Real Estate Private Equity Index and Listed REIT Index : A USA Based Study; ECS Transactions	107-7469	No	IOP Science
Amandeep (2021)	Radical phase of Dalit politics: Tryst with Radical Rhetoric"; Perspectives in Social Work	0974-5114	Yes	Nirmala Niketan Mumbai
Neeraj Sharma (2022)	Rural Non-Farm income in the rural areas of Punjab : Access and Determinants; Agricultural Situation in India	0002-1679	Yes	Directorate of Economics and Statics Department of Agriculture and Farmers welfare Ministry of Agriculture and Farmers Welfare Govt of India
Bhupinder Kaur (2022)	Sakaratomak soch te pehra dindi dhai dahake; kalakaar sahitak	23481609	Yes	kawarjeet Bhathal

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Mahesh Sharma (2022)	Shrinking Greens: Travellers' Account of the Heritage Gardens of Ahmedabad:1400-2016; Indian Historical Review	0376-9836, 975-5977	Yes	SAGE
Vandna Maini (2022)	The influence of Triguna on Self Efficacy : An Emprical Analysis of the Trichotomous Indian Personality Theory; Abhigyan Quest for Excellence	25831445	Yes	Abhigyan
Simran Kaur (2022)	Trends and factors responsible for migrant crises in Afganistan; The Journal of Oriental Research	0022-3301	Yes	The Kuppuswami Sastri Reasearch Institute Madras

#### DETAILS OF PUBLICATIONS

##### Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### DETAILS OF PUBLICATIONS

##### Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### Summary of Research Publications July 1 ,2021 to June 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	Department of Evening Studies	Peer Review Journals	2	10	0	12
2	Department of Evening Studies	e-Journals	0	2	0	2
3	Department of Evening Studies	Book with ISBN	0	2	0	2

#### RESEARCH SCHEMES

##### Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration(in years)	Principal Investigator and Research Team
NIL					

#### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT

##### Details of Seminars, Conferences, and Workshops organized during the Academic Year

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
NIL	-	-	-	-

## SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S.n o	Departme nt	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	Departmen t of Evening Studies	Neeraj Sharma	Refresher course in commerce, management and economics	Professional Development Programmes	Refresher Course	National	PU	01/02/2022	14/02/2022	HRD Centre, PU
2	Departmen t of Evening Studies	Amandee p	Virtual Conference on Interdisciplinar y Approaches to Education Research and Language Teaching on Rising Trends of E-Learning Methods” held between 25 August and 26 August 2021 .	conference	Academic and Research Event	Internation al	Department of English Chrisht College , RAJ KOT	25/08/2021	26/08/2021	Department of English Chrisht College , RAJ KOT
3	Departmen t of Evening Studies	Amandee p	FDP on Understanding Geodiversity and Geoheritage	Professional Development Programmes	Faculty Development Programme	National	UGC- Human Resource Developmen t Centre, Panjab University, Chandigarh	22/02/2022	28/02/2022	UGC-Human Resource Development Centre, Panjab University, Chandigarh
4	Departmen t of Evening Studies	Simran Kaur	National Seminar on Ukrain crisis, Emerging World order and Implications of India	seminar	Academic and Research Event	National	Department of Defence and National Security Studies PU CHD	28/04/2022	28/04/2022	Department of Defence and National Security Studies PU CHD
5	Departmen t of Evening Studies	Simran Kaur	National Seminar on Defence and warfare : Emerging paradigms	seminar	Academic and Research Event	National	Department of Defence and National Security Studies PU CHD	08/06/2022	08/06/2022	Department of Defence and National Security Studies PU CHD
6	Departmen t of Evening Studies	Neeraj Sharma	Sensitization Session for the benefit of students	workshop	Academic and Research Event	National	DESPU CHD	10/12/2021	10/12/2021	Conducted by Professor Neeraj Sharma
7	Departmen t of Evening Studies	Simran Kaur	XL Annual National Conference of Indian Society of Professional Social work	seminar	Academic and Research Event	National	Centre for Social Work, PU CHD	27/05/2022	28/05/2022	Centre for Social Work, PU CHD
8	Departmen t of Evening Studies	Simran Kaur	Two days National Conference on Jallianwala Bagh : Past and Present	conference	Academic and Research Event	National	Guru Nanak Dev University , Amritsar	23/04/2022	24/04/2022	Guru Nanak Dev University , Amritsar



S.No	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
9	Department of Evening Studies	Amandeep	Hundred years of High Modernism	seminar	Academic and Research Event	International	Dept of English Christ college Rajkot	07/08/2021	07/08/2021	Dept of English Christ college Rajkot
10	Department of Evening Studies	Amandeep Singh	Relevance of Marxism in Contemporary Indian Society	webinar	Academic and Research Event	National	Gandhi Memorial National College Ambala Cantt. Dept of Sociology	05/07/2021	05/07/2021	Gandhi Memorial National College Ambala Cantt.
11	Department of Evening Studies	Simran Kaur	Research Methodology in Social Sciences for the Research Scholars and faculty	other	Training/Orientation	Other	ICSSR PU CHD	01/02/2022	14/02/2022	ICSSR PU CHD
12	Department of Evening Studies	Simran Kaur	Research Methodology in Social Sciences for the Research Scholars and faculty	other	Training/Orientation	Other	ICSSR PU CHD	15/03/2022	27/03/2022	ICSSR PU CHD
13	Department of Evening Studies	Neeraj Sharma	8th International Conference on Industry 4.0 & Key drivers of sustainable Global Business Practices	conference	Academic and Research Event	International	GWALIOR	08/01/2022	10/01/2022	Institute of Management & Research Gwalior

#### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
NIL					

#### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
NIL		

#### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
NIL							

#### 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
NIL									

### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
Class rooms	30	0	30
Class rooms with ICT facility (LCD/Projector)	0	0	0
No. of Research Labs	0	0	0
No. of Computer labs	0	0	0
Total Number of Computers in the department	15	0	15
Video Centre	0	0	0
Seminar Halls with ICT facility	1	0	1
Seminar Halls	1	0	1
No. of important equipments purchased ( $\geq$ 10 lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0
Class rooms with Wifi/LAN facility	30	0	30

### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
NIL		

### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

### 7. Number of Patents Published/Awarded

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

### 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

## UNIVERSITY SCHOOL OF OPEN LEARNING

### SUMMARY OF PUBLICATIONS

#### PUBLICATIONS

#### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Prof. Surinder K. Shukla (2022)	Conflict Management and Resolution; The Third Edition of the Encyclopedia of Violence, Peace and Conflict; Elsevier, Academic Press	9780128201954	International

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISBN Number</b>	<b>State/ National/ International</b>
Prof. Ram Mehar and Paramjit Singh (2021)	Environmental Sustainability: Sensitization through Education; Environment and Unsustainable Human Life; VL Media Solutions	978-93-91308-54-4	National
Dr. Kamla (2022)	Guru Nanak Bani Vich Manukhi Adhikar; Guru Teg Bahadur Journal Of Religious Studies; NIL	2454-8995	National
Dr. Kamla (2022)	Human Rights Issues in the 21st century: International and National Socio-Legal Framework; "CEDAW Convention: Path to Women's Right in India"; Unistar	978-93-5205-724-5	National
Dr. Kamla (2021)	Human Rights Youth and Drugs; "Framework of International Drug Control Laws and Human Righjts: A Case for an Integraive Approach; Regal Publications	NIL	National
Prof. Ram Mehar and Neelu Arora (2021)	Need of Education for Vulnerable Section in India; Education of Vulnerable Sections in India; Akhand Publiser House	978-93-81416-85-3	National
Dr. Ravinder Kaur (2021)	Politics of Cyberspace: A Study of Select Dalit Activist Blogs and Websites; Shodhsamhita; Kavikulaguru Kalidas Sanskrita University	ISSN 2277-7067	National
Emanuel Nahar (2022)	Problems of Religious Minorities in India: A Comparative Study of Christians and Muslims in the State of Punjab; A Comparative Study of Christians and Muslims in the State of Punjab; SLM Publisher, Patiala	978-93-91083-07-6	National
Prof. Ram Mehar (2021)	Professor Jaspal Kaur Kaang A Source of inspiration to all; Ikali Da Kafla; Saptrishi Publication`	978-93-91236-35-9	National
Prof. Ram Mehar (2021)	Role of Digital Education During and After Covid-19; Coronavirus and Education: Opportunities and Chanllenges; Shipra Publications	978-93-88691-90-1	National
Prof. Ram Mehar and Prof. Ranbir Chander Sobti (2021)	Sikshan Adhi Gam main Partiman Stapan Vishthapan: Post Covid-19 Yug; Uch siksha ke samkalin sandarb; Publication Bureau	81-85322-89-9	National
Prof. Ram Mehar (2021)	The Evolution of Virtual Teaching in Education; The Evolution of Virtual Teaching in Education; TwentyFirst Century Publications, Patiala	978-93-9053-34-9	National
Prof. Surinder K. Shukla (2022)	United Nations Women; The Third Edition of the Encyclopedia of Violence, Peace adn Conflict; Elsevier, Academic Press	9780128201954	International

#### **DETAILS OF PUBLICATIONS**

**(Research Papers/ Review Article/ Editorial Article in Referred Journal)**

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISSN Number</b>	<b>Peer Reviewed (Y/N)</b>	<b>Publisher</b>
Prof. Harsh Gandhar and Nitish Khurana (2022)	A Study Of Gender And Employment In Non-Farm Activities In Haryana And Punjab; Asian Journal of Multidimensional Research	ISSN: 2278-4853, Vol. 11, Issue	Yes	Asian Journal of Multidimensional Research

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Dr. Ravinder Kaur (2021)	Literary Representations of Landless Dalits in Punjab: A Comparative Study of the Selected Fictions of Gurdial Singh and Bhagwant Rasoolpuri; Parkh: A Refereed Research Journal of Panjabi Laguage, Literature and Culture	2320-9690	Yes	Panjab University Chandigarh
Dr. Rajesh Kumar Jaiswal (2022)	Changing India; Modernity and Women Questions Shiv Kumar Batalvi's Luna; Parkh	23209690	Yes	Deptt. Punajbi, Panab University, Chandigarh
Dr. Purva Mishra (2022)	Citizen–Administration Relationship: A Case Study of Public Service Delivery in Chandigarh— The City Beautiful, India; SAGE Journal- IndianJournal of Public Administration,	0019-5561	Yes	Indian Institute of Public Administration, New Delhi
Dr. Ravinder Kaur (2021)	Disrupting Caste Hegemony in Punjab: A Reading of the Punjabi Dalit Poetry of the Pre-Independence Period; Contemporary Voice of Dalit, Sage Publication India	NIL	No	Sage Publication India
Prof. Ram Mehar (2021)	Integrating Simulation-Based Pedagogies to Enhance Learning Outcomes; Cosmos An Interantional Journal Of Art and Higher Education A Refereed Research Journal	2319-8966	Yes	Cosmos Publication
Prof. Yojna Rawat (2022)	Reflection of livelihood issues across Hindi literature; Panjab University Research Journal (Arts) Volume XLIX No 1	ISSN 0970-5260	Yes	Panjab University, Chandigarh
Dr. Parveen Kumar (2021)	Samkali Punjabi Kavita Vich Lokdhara da Roop antaran; Samdharshi	2581-3986	Yes	Punjabi Academy, Delhi DDA Community Centre,
Dr. Reena Rani Chaudhary (2022)	Sexual Harassment: A Growing Concern in Hospital Settings; Indian Journal of Health and Wellbeing	2229-5356	Yes	Sunil Saini IAHRW
Prof. Madhurima Verma (2021)	Social Isolation among Single Elderly Persons Living Alone; Indian Journal of Gerontology a quarterly journal devoted to research on ageing Vol. No. 3, 2021	0971-4189	Yes	Aalekh Publishers

#### DETAILS OF PUBLICATIONS

##### Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### DETAILS OF PUBLICATIONS

##### Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

**Summary of Research Publications July 1 ,2021 to June 30, 2022**

S.no	Department	Type of Journal	International	National	Others	Total
1	University School of Open Learning	Peer Review Journals	2	7	0	9
2	University School of Open Learning	e-Journals	0	1	0	1
3	University School of Open Learning	Book with ISBN	2	10	0	12
4	University School of Open Learning	Book without ISBN	0	1	0	1

**RESEARCH SCHEMES**

**Sponsored Research Projects during the Academic Year 2021 - 2022**

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
SCERT Punjab	Research Projects	400000	128000	Minor	2019 - 2022	Dr. Mamta Garg

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT**

**Details of Seminars, Conferences, and Workshops organized during the Academic Year**

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
One day workshop on ‘Mendeley software’	2022-02-25	2022-02-25	DCMS, USOL	106
Academia Industry Interface 2022	2022-04-01	2022-04-03	DCMS, USOL	238
Academia Industry Interface 2021	2021-10-31	2021-11-12	7	300
Refresher course in commerce management and economics, organized by HRDC Panjab university, Chandigarh. 1-14 Feb, 2022.	2022-02-01	2022-02-14	HRDC	28
Mentoring cum counselling session for admission to MBA USOL for the academic session 2022-23 on 11th April 2022.	2022-04-11	2022-04-11	DCMS, USOL	60
Special lecture for students by Mr Madhukar Malhotra, joy of giving: let us understand the individual social responsibility	2022-04-23	2022-04-23	DCMS, USOL	60
Special lecture for students by Dr Vikas Prakash Singh, Director PGDM, Great Lakes institute of management Gurgaon, on the macroeconomic environment of India	2022-04-29	2022-04-29	DCMS, USOL	60
Statistical Techniques Computation using R/R studio	2021-09-21	2021-09-21	USOL	127

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY**

**3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022**

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	University School of Open Learning	Prof. Harsh Gandhar	Tools and Technologies of Online teaching and Assessment	other	Faculty Development Programme	National	Online	25/10/2021	29/10/2021	USOL, P.U. in Collaboration with Sanatan Dharma College Ambala Cantt.

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
2	University School of Open Learning	Prof. Reena Rani Chaudhary	Tools and Technologies of Online teaching and Assessment	other	Faculty Development Programme	National	Online	25/10/2021	29/10/2021	USOL, P.U. in Collaboration with Sanatan Dharma College Ambala Cantt.
3	University School of Open Learning	Prof. Supreet Kaur	Tools and Technologies of Online teaching and Assessment	other	Faculty Development Programme	National	Online	25/10/2021	29/10/2021	USOL, P.U. in Collaboration with Sanatan Dharma College Ambala Cantt.
4	University School of Open Learning	Prof. Neeru	Tools and Technologies of Online teaching and Assessment	other	Faculty Development Programme	National	Online	25/10/2021	29/10/2021	USOL, P.U. in Collaboration with Sanatan Dharma College Ambala Cantt.
5	University School of Open Learning	Prof. Ram Mehar	Tools and Technologies of Online teaching and Assessment	other	Faculty Development Programme	National	Online	25/10/2021	29/10/2021	USOL, P.U. in Collaboration with Sanatan Dharma College Ambala Cantt.
6	University School of Open Learning	Prof. Geeta Bansal	Tools and Technologies of Online teaching and Assessment	other	Faculty Development Programme	National	Online	25/10/2021	29/10/2021	USOL, P.U. in Collaboration with Sanatan Dharma College Ambala Cantt.
7	University School of Open Learning	Dr. Parveen Kumar	Tools and Technologies of Online teaching and Assessment	other	Faculty Development Programme	National	Online	25/10/2021	29/10/2021	USOL, P.U. in Collaboration with Sanatan Dharma College Ambala Cantt.
8	University School of Open Learning	Prof. Praveen Sharda	Tools and Technologies of Online teaching and Assessment	other	Faculty Development Programme	National	Online	25/10/2021	29/10/2021	USOL, P.U. in Collaboration with Sanatan Dharma College Ambala Cantt.
9	University School of Open Learning	Mrs. Sangeeta Malhotra	Tools and Technologies of Online teaching and Assessment	other	Faculty Development Programme	National	Online	25/10/2021	29/10/2021	USOL, P.U. in Collaboration with Sanatan Dharma College Ambala Cantt.
10	University School of Open Learning	Mr. Harmail Singh	Tools and Technologies of Online teaching and Assessment	other	Faculty Development Programme	National	Online	25/10/2021	29/10/2021	USOL, P.U. in Collaboration with Sanatan Dharma College Ambala Cantt.
11	University School of Open Learning	Mrs. Rajni Chauhan	Tools and Technologies of Online teaching and Assessment	other	Faculty Development Programme	National	Online	25/10/2021	29/10/2021	USOL, P.U. in Collaboration with Sanatan Dharma College Ambala Cantt.
12	University School of Open Learning	Dr. Ravinder Kaur	Tools and Technologies of Online teaching and Assessment	other	Faculty Development Programme	National	Online	25/10/2021	29/10/2021	USOL, P.U. in Collaboration with Sanatan Dharma College Ambala Cantt.
13	University School of Open Learning	Dr. Anil Kumar	Tools and Technologies of Online teaching and Assessment	other	Faculty Development Programme	National	Online	25/10/2021	29/10/2021	USOL, P.U. in Collaboration with Sanatan Dharma College Ambala Cantt.

S.n	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
14	University School of Open Learning	Prof. Mamta Garg	Tools and Technologies of Online teaching and Assessment	other	Faculty Development Programme	National	Online	25/10/2021	29/10/2021	USOL, P.U. in Collaboration with Sanatan Dharma College Ambala Cantt.
15	University School of Open Learning	Dr. Sucha Singh	Role of Icons from the Subaltern Communities in Nation Building in the Post Independence Period	webinar	Academic and Research Event	National	USOL	05/09/2021	05/09/2021	USOL
16	University School of Open Learning	Dr. Sucha Singh	Panjab University Virtual Learning Environment	workshop	Training/Orientation	University	USOL	09/09/2021	09/09/2021	USOL
17	University School of Open Learning	Dr. Sucha Singh	Accessing Relevant E-Resources for Teaching & Research	webinar	Academic and Research Event	National	USOL	29/09/2021	29/09/2021	USOL
18	University School of Open Learning	Dr. Sucha Singh	Tools and Technologies of Online Teaching and Assessment	other	Faculty Development Programme	National	Online	25/10/2021	29/10/2021	USOL, P.U. in Collaboration with Sanatan Dharma College Ambala Cantt.
19	University School of Open Learning	Sucha Singh	Mother Tongue Day	webinar	Academic and Research Event	National	Panjab University	22/02/2022	22/02/2022	Panjab University
20	University School of Open Learning	Dr. Sucha Singh	Improving Interpersonal Skills	workshop	Academic and Research Event	University	USOL	24/03/2022	24/03/2022	USOL
21	University School of Open Learning	Dr. Sucha Singh	Academia Industry Interface	workshop	Academic and Research Event	National	USOL	01/04/2022	03/04/2022	USOL
22	University School of Open Learning	Dr. Sucha Singh	Dr. B.R.Ambedkar and the Constituent Assembly Elections of 1946	webinar	Academic and Research Event	National	USOL	12/04/2022	12/04/2022	USOL/Dr. B.R. Ambedkar Centre
23	University School of Open Learning	Dr. Ravinder Kaur	“Role of Icons from Subaltern Communities in Nation Building in the Post-Independence Period”	webinar	Academic and Research Event	National	USOL	05/09/2021	05/09/2021	USOL
24	University School of Open Learning	Dr. Reena Rani Chaudhary	The Marginalized: Continuities and Changes	Professional Development Programmes	Faculty Development Programme	University	Online	02/03/2022	08/03/2022	UGC- HRDC, Panjab University, Chandigarh
25	University School of	Dr. Reena	Social Work Interventions	conference	Academic and Research Event	National	PU	27/05/2022	28/05/2022	Centre for Social Work, Panjab

S.n	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
	Open Learning	Rani Chaudhary	with Elderly People'							University, Chandigarh
26	University School of Open Learning	Dr. Reena Rani Chaudhary	Co-building New Eco-Social World : Leaving No One Behind in Indian Perspective	conference	Academic and Research Event	National	PU	27/05/2022	28/05/2022	Centre for Social Work, PU, Chandigarh
27	University School of Open Learning	Dr. Reena Rani Chaudhary	Child Rights	webinar	Academic and Research Event	University	Online	12/05/2022	12/05/2022	USOL
28	University School of Open Learning	Dr. Reena Rani Chaudhary	Guru Tegh Bahadur: Frighten on One and Be Afraid of None	webinar	Academic and Research Event	University	Online	29/04/2022	29/04/2022	USOL
29	University School of Open Learning	Dr. Reena Rani Chaudhary	Ethical Practices and Principles in Research Publications	webinar	Academic and Research Event	University	Online	22/04/2022	22/04/2022	USOL
30	University School of Open Learning	Dr. Reena Rani Chaudhary	Dr. B.R.Ambedkar and the Constituent Assembly Elections of 1946	webinar	Academic and Research Event	University	Online	12/04/2022	12/04/2022	USOL
31	University School of Open Learning	Dr. Reena Rani Chaudhary	Contemporary Relevance of Netaji Subhash: Past as Present	webinar	Academic and Research Event	University	Online	16/03/2022	16/03/2022	USOL
32	University School of Open Learning	Dr. Reena Rani Chaudhary	Gender Relations in Sikh History	webinar	Academic and Research Event	University	Online	08/03/2022	08/03/2022	USOL
33	University School of Open Learning	Dr. Reena Rani Chaudhary	Mendeley Software	webinar	Academic and Research Event	University	Online	25/02/2022	25/02/2022	USOL
34	University School of Open Learning	Dr. Reena Rani Chaudhary	Accessing Relevant E-Resources for Teaching & Research	webinar	Academic and Research Event	University	Online	29/09/2021	29/09/2021	USOL
35	University School of Open Learning	Dr. Reena Rani Chaudhary	Role of Icons from the Subaltern Communities in Nation Building in the PostIndependence Period	webinar	Academic and Research Event	University	Online	05/09/2021	05/09/2021	USOL



S.n	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
36	University School of Open Learning	Prof. Ram Mehar	Transformation in Higher Education with Hybrid Perspective : A Futuristic Approach	conference	Academic and Research Event	International	Online	23/07/2021	24/07/2021	Globus Education and Research Association and LA Consolacion University Philippines
37	University School of Open Learning	Prof. Ram Mehar	Reimagining teacher Education : Roadmap of NEP-2020	seminar	Academic and Research Event	National	Online	10/07/2021	10/07/2021	Department of Education Mohanlal Sukhadia University, Udaipur
38	University School of Open Learning	Prof. Geeta Bansal	Two days online workshop on delivery and design of Case studies	workshop	Faculty Development Programme	National	Online	02/03/2022	03/03/2022	Sri Aurobindo College of Commerce and management
39	University School of Open Learning	Prof. Madhuri Verma	Women Empowerment and Gender Sensitization: Patriarchy and the Status of Women in Society	seminar	Gender Equality	National	Online	07/05/2022	07/05/2022	ICCASH
40	University School of Open Learning	Prof. Madhuri Verma	Gender Budgeting, Equality and Sustainable Development Goals	workshop	Gender Equality	State	Maharaja Agrasen University Campus	26/03/2022	26/03/2022	Maharaja Agrasen University Campus
41	University School of Open Learning	Prof. Harsh Gandhar	Business Economics and Management Studies for College Lecturers	other	Others	National	Panjab University ,Chandigarh	01/02/2022	14/08/2022	Human Resource Development Centre, Panjab University, Chandigarh
42	University School of Open Learning	Dr. Mamta Garg	Mendeley Software	webinar	Academic and Research Event	University	ONLINE	25/02/2022	25/02/2022	USOL
43	University School of Open Learning	Prof. Harsh Gandhar	Refresher Course	other	Refresher Course	National	Online	01/02/2022	14/02/2022	UGC-HRDC, Panjab University, Chandigarh
44	University School of Open Learning	Dr Mamta Garg	Child Rights	webinar	Human Rights	National	Online	12/05/2022	12/05/2022	Dr B. R. Ambedkar Center for Socio-Economic Studies for the Weaker Sections of Society and USOL,
45	University School of Open Learning	Dr. Mamta Garg	Contemporary Relevance Of Netaji Subhas: Past As Present	webinar	Others	National	Online	16/03/2022	16/03/2022	USOL and DBRACSESWS
46	University School of Open Learning	Dr. Mamta Garg	Creation of Audio bites	workshop	Training/Orientation	University	USOL	27/06/2022	27/06/2022	USOL

S.n	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
	Open Learning									
47	University School of Open Learning	Dr. Mamta Garg	Workshop on LMS	workshop	Training/Orientation	University	USOL	09/09/2021	09/09/2021	USOL
48	University School of Open Learning	Dr. Kamla	China and South Asia & Southeast Asia; Implications For India	seminar	Others	National	GNDU Amritsar	27/08/2021	27/08/2021	School of Social Sciences, GNDU Amritsar
49	University School of Open Learning	Dr. Kamla	Representation of Women in Legislative Assembly Elections in State of Punjab ,U.P.,Goa, Uttarakhan and Manipur	seminar	Others	National	Mata gujri college Sri Fatehgarh Sahib	30/03/2022	30/03/2022	P.G.Department of political science
50	University School of Open Learning	Dr. Kamla	Rethinking Dr. B.R.Ambedkar's Multidimensional Vision	workshop	Others	National	Panjab University Chandigarh	09/11/2021	15/11/2021	Dr. B. R. Ambedkar Centre Panjab University Chandigarh in collaboration with Human Resources Development Centre, P.U. Chandigarh
51	University School of Open Learning	Dr. Kamla	Paradigm Shift in the Politics of North-West India	seminar	Others	National	Mata Gujri College Sri Fatehgarh Sahib	30/03/2022	31/03/2022	P.G.Department of Political Science
52	University School of Open Learning	Dr. Kamla	INTERNATIONAL SEMINAR on Right to Vote: Changing Contours of Democracy	seminar	Others	International	Panjab University Chandigarh	29/03/2022	29/03/2022	Centre for Constitution and Public Policies And University Institute of Legal Studies Panjab university chandigarh
53	University School of Open Learning	Dr. Kamla	Dr. B. R. Ambedkar and Social Justice: .Relevance in Present Scenario	seminar	Others	National	D.A.V. College Women	26/03/2022	27/03/2022	DAV College for women ferozpur cantt.(punjab) NAAC Re-Aredited B++
54	University School of Open Learning	Dr. Kamla	Political Party System in India	seminar	Others	National	Panjab University Chandigarh	25/04/2022	25/04/2022	Institute of Educational Technology and Vocational Education, panjab university, chandigarh.
	University School of Open Learning	Dr. Kamla	Prospects and Challenges of Youth in Abroad	seminar	Others	National	Khalsa College Garhdiwala.	27/04/2022	27/04/2022	Khalsa College Garhdiwala.

S.n	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
55	University School of Open Learning	Dr. Kamla	Dr. B R Ambedkar's Ideas on Women Empowerment	seminar	Others	National	Sri Mukatsar Sahib	27/04/2022	27/04/2022	Panjab University Regional Centre Sri Mukatsar Sahib
56	University School of Open Learning	Dr. Kamla	Contribution of Dr. B R Ambedkar to the Women Empowerment	workshop	Others	State	Kenway College of Education, Abohar	26/04/2022	26/04/2022	Kenway College of Education, Abohar
57	University School of Open Learning	Dr. Kamla	International Migration of Youth from Punjab: Causes and Consequences	seminar	Others	National	Khalsa College Garhdiwala (Hoshiarpur)	27/04/2022	27/04/2022	Department of Political Science, Khalsa College, Garhdiwala (Hoshiarpur)
58	University School of Open Learning	Dr. Kamla	Contribution of Babasaheb Dr. B.R. Ambedkar Towards Education for an Egalitarian Society	other	Others	National	Online	17/12/2021	17/12/2021	SC/ST Cell, Panjab University & Centre for Medical Physics
59	University School of Open Learning	Dr. Kamla	Ukraine Crisis, Emerging World Order and Implications for India	seminar	Others	National	Department of Defence and National Security Studies, Panjab University, Chandigarh	28/04/2022	28/04/2022	Department of Defence and National Security Studies, Panjab University, Chandigarh
60	University School of Open Learning	Dr. Kamla	Dr. Ambedkar's Ideas on Socialism and women Empowerment	other	Others	National	Online	13/04/2022	13/04/2022	Punjab University Rural Centre, Kauni
61	University School of Open Learning	Dr. Praveen Kumar	World Punjabi Conference	conference	Academic and Research Event	International	Brampton, Canada	24/06/2022	26/06/2022	PUBPA
62	University School of Open Learning	Emanuel Nahar	Right to Vote: Changing Contours of Democracy	seminar	Others	International	Panjab University Chandigarh	29/03/2022	29/03/2022	Centre for Constitution and Public Policies And University Institute of Legal Studies Panjab university chandigarh
63	University School of Open Learning	Emanuel Nahar	Crisis of Minority in India: An Overview	seminar	Others	National	Desh Bhagat University	29/06/2022	30/06/2022	Faculty of Social Sciences, Languages & Education, Desh Bhagat University
64	University School of Open Learning	Emanuel Nahar	Dr. B.R. Ambedkar as Chief Guest and Keynote Speaker	seminar	Others	National	D.A.V. College Women	26/03/2022	27/03/2022	DAV College for women ferozpur cantt.(punjab)

S.n	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
										NAAC Re-Aredited B++
65	University School of Open Learning	Anil Kumar	Online - 7-Days FDP on Rethinking Dr. B.R. Ambedkar's Multi-Dimensional Vision (All Disciplines)	Professional Development Programmes	Faculty Development Programme	National	Chandigarh	09/11/2021	15/11/2021	HRDC
66	University School of Open Learning	Dr. Ravinder Kaur	Women in Leadership Achieving An Equal Future World	seminar	Others	National	Smt. Aruna Asaf Ali Govt. P.G. College Kalka, Distt. Panchkula (HRY.)	07/03/2022	07/03/2022	Smt. Aruna Asaf Ali Govt. P.G. College Kalka, Distt. Panchkula (HRY.)
67	University School of Open Learning	Prof. Neeru	Mendeley Software	workshop	Others	State	USOL	25/02/2022	25/02/2022	USOL
68	University School of Open Learning	Prof. Neeru	LMS	workshop	Others	State	Seminar Hall, USOL	09/09/2021	09/09/2021	USOL
69	University School of Open Learning	Prof. Neeru	Creation of Audio Bites	workshop	Others	State	Seminar Hall, USOL	07/06/2022	07/06/2022	USOL
70	University School of Open Learning	Dr. Richa Sharma	Workshop on LMS	workshop	Training/Orientation	University	USOL	09/09/2021	09/09/2021	USOL
71	University School of Open Learning	Dr. Richa Sharma	Mendeley Software	workshop	Training/Orientation	University	Online	25/02/2022	25/02/2022	USOL
72	University School of Open Learning	Dr. Richa Sharma	Creation of Audio bites	workshop	Training/Orientation	University	Online	27/06/2022	27/06/2022	USOL
73	University School of Open Learning	Dr. Sucha Singh	Creation of Audio Video Bites	workshop	Training/Orientation	University	USOL	27/06/2022	27/06/2022	USOL
74	University School of Open Learning	Dr. Purva Mishra	Co-building a New Eco-Social World: Leaving No One Behind in Indian Perspective	conference	Academic and Research Event	National	Centre for Social Work, Panjab University, Chandigarh	27/05/2022	28/05/2022	Centre for Social Work, Panjab University, Chandigarh
75	University School of Open Learning	Dr. Rajesh Kumar Jaiswal	Jallianwala Bagh : Past and Present	conference	Others	National	GNDU, Amritsar	23/04/2022	24/04/2022	GNDU, Amritsar
76	University School of	Yojna Rawat	Academic Leadership for	Professional Development	Faculty Development Programme	National	Chandigarh	10/02/2022	10/02/2022	HRDC

S.n	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
	Open Learning		Academic Administration	nt Programmes						
77	University School of Open Learning	Dr. Ravinder Kaur	Co-building New Eco-Social World : Leaving No One Behind in Indian Perspective	conference	Academic and Research Event	National	PU	27/05/2022	28/05/2022	Centre for Social Work, PU, Chandigarh
78	University School of Open Learning	Dr. Ravinder Kaur	Co-building New Eco-Social World : Leaving No One Behind in Indian Perspective	conference	Academic and Research Event	National	PU	27/05/2022	28/05/2022	Centre for Social Work, PU, Chandigarh

#### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
NIL					

#### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
1	University School of Open Learning	

#### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
NIL							

NIL

#### 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
NIL									

NIL

#### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	71	10	81
Class rooms	11	0	11
Class rooms with Wifi/LAN facility	10	0	10
Class rooms with ICT facility (LCD/Projector)	1	0	1
No. of Research Labs	3	0	3
No. of Computer labs	1	0	1
Video Centre	0	0	0
Seminar Halls with ICT facility	2	0	2
Seminar Halls	0	0	0
No. of important equipments purchased ( $\geq$ 10 lakh) during the current year.	0	0	0

Facilities	Existing	Newly Created/Added	Total
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0

#### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

#### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
Essay Writing Competition	31/07/2021	10/08/2022
Teej Celebration	11/08/2021	11/08/2021
Constitution Day	26/11/2021	26/11/2021
World Aids Day "End Inequality. End AIDS"	28/11/2021	28/11/2021
Cleanliness Drive, Plantation Drive and Photo Exhibition	21/03/2022	21/03/2022
World Water Day 2022	22/03/2022	22/03/2022
World Book Day	23/04/2022	23/04/2022

#### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

#### 7. Number of Patents Published/Awarded

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

#### 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

### P.U. REGIONAL CENTRE, LUDHIANA

#### SUMMARY OF PUBLICATIONS

University Institute of Laws, Panjab University Regional Centre, Ludhiana has been established at the campus P.U. Extension Library, Ludhiana in the year 2003 on 2.75 Acres of land situated in the Civil Lines areas of Ludhiana. The then Vice-Chancellor took interest and fulfilled the long standing demand of the residents of Ludhiana, for quality Professional education by setting up this Regional Centre. At present BA.LLB, LL.B and MBA courses are running successfully in this Centre and LL.M course has also been introduced from the session 2015-16. In 2007, University started University Business School to provide quality management education. Department is running two years MBA programme.

#### PUBLICATIONS

##### Details of Publications

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Dr. Rajnish Saryal (2022)	Beyond Environmental Science- Climate action in Hindu Religion and Sant Mat Tradition; International Social Science Journal; Wiley online Library	0	International

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Dr. Pooja Sikka (2021)	Book Review: Covid-19 Panademic and Economic Development Emerging Public Policy Lessons for Indian Punjab; Millennial Asia; Sage Publisher	978-981-16-4442-9	National
Dr.Homa Bansal (2022)	Child Right of Education in India: A Critical Legal Analysis; LEX-ET-MUTATIO; Alliance University	978-81-955963-1-7	National
Dr. Meera Nagpal (2021)	Communal Harmony under Maharaja Ranjit singh A study of Dharmarth Grants by the Maharaja to the non-sikhs; Interfaith understanding and communal Harmony; Punjabi University Patiala and Printed at Bal Printers Patiala	978-81-302-0541-0	National
Dr.Harpreet Kaur Vohra (2021)	Death Rituals and alterlife The Ao Naga Boatman of the dead in Temsula Ao s Poems and Greek mythological Character of Charon; The NEHU Journal; The Nehu Journal	0972-8406	International
Dr. Rajnish Saryal (2022)	Ecological Crisis - The self state and Hindu Ethics; Environmental Constitutionlism in the Anthropocene value, principal and action; Routledge	0	National
Dr. Pooja Sikka (2022)	Edited Book; Virtual Learning - Insights and Perspectives; Manakin press	978-93-92062-02-5	National
Dr.Meera Nagpal (2021)	Jai Singh Kanhiya - Generous patron; India at 75; Manak Publications Pvt.Ltd	978-93-91897-13-0	National
Dr. Aditi Sharma (2021)	National Education policy 2020 more than Expectations Less than Requirements; Panjab University Law Review; Department of Laws Panjab University Chandigarh	0971-5541	National
Dr.Harpreet Kaur Vohra (2021)	Postmodern Voices in Indian English Literature; Worldwide Circulation Through Authorpress Global Network; India at Thomson Press India Ltd	978-93-90588-06-0	National
Dr. Pooja Sikka (2021)	SLM: India as an Emerging Global Economy; Issues in Indian Economy; Krishna Kanta Handiqui State Open University	978-93-91026-32-5	National
Dr. Ravi Inder Singh (2022)	Virtual Learning - Insights and Prospectives; Virtual Learning - Insights and Perspectives; Manakin press	978-93-92062-02-5	National

## DETAILS OF PUBLICATIONS

### (Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Ashish Saihjpal (2022)	Impulse Buying Behaviour In Brick And Mortar Stores: A Literature Review; Academy of Marketing Studies Journal	Print ISSN: 1095-6298; Online ISSN: 1528-2678	Yes	Allied Business Academies publishing
Dr. Pooja Sikka (2021)	Relationship between Economic Growth and Income Inequality: Review of Recent Research and Methodologies; Empirical Economics Letters	1681 8997	No	EEL
Homa Bansal (2021)	Rights and duties - vis- a- vis china and Japan: lessons India needs to learn; RGNUL law Review	2231-4938	Yes	EBC

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Shashi Kapoor (2021)	Social Inclusion of the Street Vendors in Urban Cities: A Study of India and Indonesia; Bihar Journal of Public Administration	0974-2735	Yes	Indian Institute of Public Administration, Bihar Regional Branch, Patna
Ashish Saihjpal (2021)	Social Inclusion of the Street Vendors in Urban Cities: A Study of India and Indonesia; Bihar Journal of Public Administration	0974-2735	Yes	Indian Institute of Public Administration, Bihar Regional Branch, Patna
Prof.Aman A Cheema (2021)	The Evolution of Narcotic Drug Laws International & National Endeavours; Socio Economic offences (Law & Principles)	978-93-80231-31-0	Yes	Allahabad Law Agency
Shashi Kapoor (2021)	Urban Street Vending in India and Thailand: A Review; PIMT Journal of Research	2278-7925	Yes	Punjab Institute of Management & Technology
Ashish Saihjpal (2021)	Urban Street Vending in India and Thailand: A Review; PIMT Journal of Research	2278-7925	Yes	Punjab Institute of Management & Technology

#### DETAILS OF PUBLICATIONS

##### Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### DETAILS OF PUBLICATIONS

##### Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

#### Summary of Research Publications July 1 ,2021 to June 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	P.U. Regional Centre, Ludhiana	Peer Review Journals	1	6	0	7
2	P.U. Regional Centre, Ludhiana	e-Journals	2	0	0	2
3	P.U. Regional Centre, Ludhiana	Book with ISBN	1	4	0	5
4	P.U. Regional Centre, Ludhiana	Book without ISBN	1	0	0	1
5	P.U. Regional Centre, Ludhiana	Edited Books	0	3	0	3
6	P.U. Regional Centre, Ludhiana	Chapter in a book	0	3	0	3

#### RESEARCH SCHEMES

##### Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
One Asia Foundation	Special Topics on Asian Community: Legal,	1850000	1850000	Major	2020 - 2021	Dr. Vaishali Thakur



Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
	Environmental, Political and Socio-cultural					
Indian Council of Social Science Research	IMPRESS	600000	180000	Major	2019 - 2021	Dr. Ashish Saihjpal
Indian Council of Social Science Research	IMPRESS	300000	0	Minor	2019 - 2022	Dr. Ravi Inder Singh

### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT

#### Details of Seminars, Conferences, and Workshops organized during the Academic Year

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Business Start-ups	2022-06-08	2022-06-08	UBS Ludhiana	25
Career in Book Writing	2022-03-12	2022-03-12	UIL, P.U. Regional Centre, Ludhiana	100
Digital Technology and Copyright	2022-04-11	2022-04-11	UIL, P.U. Regional Centre, Ludhiana	100
Panel Discussion on topic of "Bharat"	2021-08-25	2021-08-25	P.U. Regional Centre, Ludhiana	50

### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

#### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	P.U. Regional Centre, Ludhiana	Ms. Tamanna Kohli	Achieving Constitutional Spirit of Equality Through Socio-Economic Legislations	seminar	Social Issues	National	UIL, Panjab University Regional Centre, Ludhiana	27/05/2022	27/05/2022	Department of Laws, Panjab University, Chandigarh
2	P.U. Regional Centre, Ludhiana	Dr. Pooja Sikka	The Marginalized - Continuities and Changes	Professional Development Programmes	Faculty Development Programme	National	Chandigarh	02/03/2022	08/03/2022	Human Resource Development Centre, Panjab University, Chandigarh under RUSA 2.0 Grant
3	P.U. Regional Centre, Ludhiana	Dr. Pooja Sikka	Cooperative Policy and Development	Professional Development Programmes	Refresher Course	National	National Cooperative Union of India, New Delhi	09/08/2022	14/08/2022	National Cooperative Union of India, New Delhi
4	P.U. Regional Centre, Ludhiana	Dr. Pooja Sikka	21st IASSI Annual Conference	conference	Academic and Research Event	International	Mumbai	13/06/2022	15/06/2022	Indira Gandhi Institute for Development Research, Mumbai

S.n	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
5	P.U. Regional Centre, Ludhiana	Dr. Pooja Sikka	Law and Literature- Emerging Trends & opportunities in 21st century	seminar	Universal Values and Ethics	National	Hoshiarpur	17/05/2022	17/05/2022	UILs, PURC, Hoshiarpur
6	P.U. Regional Centre, Ludhiana	Dr. Neelam Batra	Law and Literature- Emerging Trends & opportunities in 21st century	seminar	Social Issues	National	UIL, PURC, Hoshiarpur	17/05/2022	17/05/2022	UIL, PURC, Hoshiarpur
7	P.U. Regional Centre, Ludhiana	Dr. Neelam Batra	An Empirical Study on the Challenges faced by the Elderly women	conference	Social Issues	National	Indira Gandhi Insitute for Development Research, Mumbai	13/06/2022	15/06/2022	Indira Gandhi Insitute for Development Research, Mumbai
8	P.U. Regional Centre, Ludhiana	Ashish Saihjal	International Conference on Technology Changes Future -(ICTFC-2022)	conference	Academic and Research Event	International	Virtual	06/01/2022	08/01/2022	Sakarya University of Applied Sciences, Sakarya, Turkey & Tradepreneur Global Academic Platform, Turkey
9	P.U. Regional Centre, Ludhiana	Dr. Rajnish Saryal	Climate change and the Idea of Distributive Justice in India	seminar	Environment Awareness Event	National	Department of Laws, Puchd	27/05/2022	27/05/2022	Department of Laws, Puchd
10	P.U. Regional Centre, Ludhiana	Dr. Rajnish Saryal	Ecological Crisis and the role of Religion A-Study of Sikhism	conference	Social Issues	National	Mohali	03/06/2022	04/06/2022	UBS, Chandigarh University, Mohali
11	P.U. Regional Centre, Ludhiana	Dr. Rajnish Saryal	Understanding Geodiversity & Geoheritage.	Professional Development Programmes	Short-Term Course	National	Chandigarh	22/02/2022	28/02/2022	HRDC, Department of Geology, Puchd
12	P.U. Regional Centre, Ludhiana	Dr.Pooja Sikka	Dealing with NSS Level Data	Professional Development Programmes	Faculty Development Programme	National	Guwahati	11/05/2022	24/05/2022	Krishna Kanta Handiqui State Open University
13	P.U. Regional Centre, Ludhiana	Prof. Ashish Virk	Revisiting the Principles of Equality for Transgender in India - A Socio-Legal Perspective	seminar	Social Issues	National	Department of Laws,P U Chandigarh	27/05/2022	27/05/2022	Department of Laws,P U Chandigarh
14	P.U. Regional Centre, Ludhiana	Dr.Nisha Jindal	Achieving Constitutional Spirit of Equality Through Socio Economics Legislation	seminar	Social Issues	National	Chandigarh	27/05/2022	27/05/2022	Panjab University Chandigarh
15	P.U. Regional	Dr. Ashish VIrk	Cyber Laws of India: Information,	conference	Academic and	National	Haryana	14/05/2022	14/05/2022	Jagan nath university bahadurgarh

S.n o	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
	Centre, Ludhiana		Security Education and Awareness		Research Event					
16	P.U. Regional Centre, Ludhiana	Dr. Ashish Virk	Achieving Constitutional Spirit Of Equality Through Socio- Economic Legislations	seminar	Academic and Research Event	National	Chandigarh	27/05/202 2	27/05/202 2	Department of Laws, Panjab University, Chandigarh
17	P.U. Regional Centre, Ludhiana	Dr. Ashish Virk	Enlivening Ambedkar's Vision on Constitutional Morality and Contitutionalis m	seminar	Academic and Research Event	National	Amritsar	30/03/202 2	30/03/202 2	Guru Nanak Dev University in collabration with ICSSR North- Western Regional Centre, PU, Chandigarh
18	P.U. Regional Centre, Ludhiana	Dr.Rajnsih Saryal	Understanding Geodiversity and Geoheritage	Professional Developmen t Programmes	Faculty Developmen t Programme	National	Chandigarh	22/02/202 2	28/02/202 2	Department of Geology and HRDC Panjab University, Chandigarh
19	P.U. Regional Centre, Ludhiana	Dr.Homa Bansal	International Conference on Law and Social Transformation	conference	Academic and Research Event	Internationa l	Bengaluru	26/03/202 2	26/03/202 2	Alliance School of Law Alliance University Banaluru
20	P.U. Regional Centre, Ludhiana	Dr.Homa Bansal	Achieving Constitutional Spirit of Equality Through Socio Economic Legislations	seminar	Academic and Research Event	National	Chandigarh	27/05/202 2	27/05/202 2	Department of Laws PU Chandiagrh
21	P.U. Regional Centre, Ludhiana	Dr.Vaishal i Thakur	Fundamentals of Research Methodology	Professional Developmen t Programmes	Faculty Developmen t Programme	National	Mohali	06/08/202 1	07/08/202 1	Chandigarh University Gharuan Mohali
22	P.U. Regional Centre, Ludhiana	Dr.Vaishal i Thakur	Women Empowerment	webinar	Gender Equality	National	Patiala	17/11/202 1	17/11/202 1	Mahatma Ghandhi State Institute of Public Administratio n Panjab Regional Centre
23	P.U. Regional Centre, Ludhiana	Dr.Vaishal i Thakur	Right to Information Act 2005	webinar	Human Rights	National	Patiala	06/04/202 2	06/04/202 2	Mahatma Ghandhi State Institute of Public Administratio n Panjab Regional Centre
24	P.U. Regional Centre, Ludhiana	Dr.Vaishal i Thakur	Right to Information Act 2005	webinar	Human Rights	National	Patiala	12/04/202 2	12/04/202 2	Mahatma Ghandhi State Institute of Public Administratio n Panjab

S.n	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
										Regional Centre
25	P.U. Regional Centre, Ludhiana	Dr. Vaishali Thakur	Right to Information Act 2005	webinar	Human Rights	National	Patiala	05/05/2022	05/05/2022	Mahatma Gandhi State Institute of Public Administration Panjab Regional Centre
26	P.U. Regional Centre, Ludhiana	Dr. Vaishali Thakur	Right to Information Act 2005	webinar	Human Rights	National	Patiala	20/05/2022	20/05/2022	Mahatma Gandhi State Institute of Public Administration Panjab Regional Centre
27	P.U. Regional Centre, Ludhiana	Ashish Saihpal	9th International Conference on Advance Research and Innovation	conference	Academic and Research Event	International	CT University	04/03/2022	05/03/2022	CT University

#### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
NIL					

#### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
1	P.U. Regional Centre, Ludhiana	

#### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
1	P.U. Regional Centre, Ludhiana	Registration of Non IIM Institution for CAT- 2020	IIM - Ahmedabad	Universirty Business School, Ludhiana	25/08/2021	30/06/2022	National

#### 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
1	P.U. Regional Centre, Ludhiana	Source Segregation Of Wet And Dry Wasre	Swachh Bharat Mission Ludhiana	Dr. pooja Sikka	10/02/2022	National	sensitization programme	Swachh Bharat Mission Ludhiana	10/02/2022

### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	58	0	58
Class rooms	9	0	9
Class rooms with Wifi/LAN facility	9	0	9
Class rooms with ICT facility (LCD/Projector)	4	4	8
No. of Research Labs	0	0	0
No. of Computer labs	1	0	1
Video Centre	0	0	0
Seminar Halls with ICT facility	1	1	2
Seminar Halls	1	1	2
No. of important equipments purchased ( $\geq 10$ lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0

### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
Panel Discussion on the topic 'Bharat' (Webinar)	25/08/2021	25/08/2021
Global Handwashing Day	18/10/2021	18/10/2021
World Consumer Rights Day	15/03/2022	15/03/2022
World Water DAY	22/03/2022	22/03/2022
Visit to Shaheed Diwan Singh Kalepani Museum	08/04/2022	08/04/2022

### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

### 7. Number of Patents Published/Awarded

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

### 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

## P.U. REGIONAL CENTRE, MUKTSAR

### SUMMARY OF PUBLICATIONS

#### PUBLICATIONS

#### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Sujit Lahiry (2021)	Alternatives in World Politics: Reading Structuralism in International Relations'; Advances in Sociology Research, Vol. 36; Science Publishers Inc	978-1-68507-104-2.	International
Dr. Parmjit singh Dhingra (2022)	Amerrici Parvassi Khanni: Jalavatni Da Parsanj; Shabad; Shabad	2278-5167	International
Dr. Parmjit Singh Dhingra (2022)	Bauria Kabela Da Bhashi Sabhiachar; Sahit, Bhasha Ate Sabhiachar; Unistar Books, Chandigarh	9789352057153	National
Hardip Singh (2022)	Guru Ravidas Bani Vich Dalit Chetna; Sahit Bhasha Sabhychar; Unistar	9789352057153	National
Dr. Parmjit singh dhingra (2022)	Jeen Maran; Kahani Dhara; Kahani Dhara	2321-4449	National
Dr. Parmjit singh dhingra (2021)	Media Ate Vigapyankarri De Bhasha; Sanvad; Sanvad	2395-1273	National
Dr. Parmjit singh dhingra (2021)	SGRI Guru Tegh Bahadur Banni Da Bhashie Adhyan; Sri Guru Tegh Bahadur: Jivan, Phalsapha Te Shahadat; Ravi Sahit Parkashan, Amritsar	9788194802440	National
Hardip Singh (2022)	Siyarr Da Patan; Siyarr Da Patan; Pbi Sahit Sabha , Aadampur,Doaba	0000	National
Dr. Parmjit singh dhingra (2021)	Sri guru tegh bahadur de sankallpi vaoonatpatti; shri guru tej bahadur ji; k.g. Graphics, amritsar	9789387711938	National

#### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Archana Goyal, Vishal Gupta and Manish Kumar (2022)	A deep learning-based bilingual Hindi and Punjabi named entity recognition system using enhanced word embeddings; Knowledge-Based Systems	0377-2063	Yes	Elsevier
Rajesh Kumar Mishra (2022)	A Study Of Sixty Six In Kamla Das's Poem My Mother At Sixty Six; Bohal Shodh Manjusha	23957115	Yes	Gugan Ram Educational & Social Welfare Society
M. Kumar, M. K. Jindal and M. Kumar (2022)	A Systematic Survey on CAPTCHA Recognition: Types, Creation and	1886-1784	No	Archives of Computational Methods in Engineeri

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Harwinderpal Kaur (2021)	Breaking Techniques”; Archives of Computational Methods in Engineering, Agricultural Law : Capitalism And Federalism; Journal Of Emerging Technologies And Innovative Research	2349-5162	Yes	Journal Of Emerging Technologies And Innovative Research
Archana Goyal, Vishal Gupta & Manish Kumar (2021)	“ Recurrent Neural Network-Based Model for Named Entity Recognition with Improved Word Embeddings; IETE Journal of Research	0377-2063	Yes	Taylor and Francis
Manjeet Kaur (2022)	Bauria Kabela Deya Vahia Rasma DE Sabhiachar Velakhnta; Aabru	2456253X	Yes	AABRU, Jammu
A. Kaur, M. Kumar and M. K. Jindal (2022)	Cattle identification with muzzle pattern using computer vision technology: a critical review and prospective; Soft Computing,	1433-7479	Yes	Soft Computing,
Sujit Lahiry (2021)	Covid-19 Pandemic and Its Implications on Society, Polity and Economy in Contemporary India: Some Critical Reflections”; South Asian Journal of Socio-Political Studies (SAJOSPS)	0972-4613	Yes	SAJOSPS
Archana Goyal, Vishal Gupta and Manish Kumar (2022)	Deep Learning-Based Named Entity Recognition System Using Hybrid Embedding; International Journal of Cybernetics and Systems	0196-9722	Yes	Taylor & Francis
Mohinder Kumar, M. K Jindal and Munish Kumar (2022)	Design of innovative CAPTCHA for Hindi language”, Neural Computing and Applications; Neural Computing and Applications	1433-3058	Yes	Springer
Mohinder Kumar, M K Jindal and Munish Kumar (2022)	Distortion, rotation and scale invariant recognition of hollow Hindi characters; Indian Academy of Sciences	0973-7677	Yes	Springer India
Mohinder Kumar, M K Jindal and Munish Kumar (2022)	Distortion, rotation and scale invariant recognition of hollow Hindi characters; SADHANA	0973-7677	Yes	Springer
Rajesh Kumar Mishra (2021)	Fanishwar Nath Renu Ki Kavya Chetna; Bohal Shodh Manjusha	2395-7115	Yes	Gugan ram ed. & so. Welfare So.
Rajesh Kumar Mishra (2021)	Hindi Kavita Me Istri Vimarsh; Printing Area	2394-5303	Yes	HARSHWARDHAN PUB. PVT.LTD.
Rajesh Kumar Mishra (2021)	Human Destiny In R.K Narayan's Later Novels; Bohal Shodh Manjusha	23957115	Yes	Gugan Ram Educational & Social Welfare Society

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Munish Kumar, M. K. Jindal, R. K. Sharma, Simpel Rani Jindal & Harjeet Singh, (2021)	Improved recognition results of offline handwritten Gurumukhi characters using hybrid features and adaptive boosting; Soft Computing	1432-7643,	Yes	Springer
Nish Ajain (2021)	Intergating Womens Subjectivity Bin Political Discourse; SAJOSPS	09724613	Yes	SAJOSPS
Rajesh Kumar Mishra (2021)	Katha Sahtiyian Ke Antergat Renu Ke Kathetar Rachana Koshal Ka Prabandan; Printing Area	2394-5303	Yes	Harshwardhan PUB.PVT.LTD.
Gurpal Singh (2021)	LA WOF Distress A Sine Qua Non For The Future Rent Laws In India; Shreeram's The Law	2319-3735	No	Shree Ram Law House
Gurpal Singh (2022)	Legal Responsibility Mnc's Under Transnational Criminal Jurisprudence; International Journal of Early Childhood Special Education	1308-5581	Yes	International Journal of Early Childhood Special Education (INT-JECSE)
Rupinder Pal Kaur, M. K. Jindal, Munish Kumar, Simpel Rani Jindal and Shikha Tuteja, (2022)	LineSeg: line segmentation of scanned newspaper documents; Pattern Analysis and Applications	1433-755X	Yes	Springer
Nisha Jain (2021)	Neo Liberal Development Policies And Their Impact On Women Andgender Equality In India: A Critique; Panjab University Research Journal (ARTS)	0970-5260	Yes	P.U CHD
Anupam Garg, M. K. Jindal and A. Singh (2021)	Offline handwritten Gurmukhi character recognition: k-NN vs. SVM classifier; International Journal of Information Technology	2511-2112,	Yes	Springer
Rupinder Pal Kaur, Munish Kumar and M. K. Jindal, (2022)	Performance evaluation of different features and classifiers for Gurumukhi newspaper text recognition"; Journal of Ambient Intelligence and Humanized Computing	1868-5145,	Yes	Springer
Amanpreet Kaur, Munish Kumar and M. K. Jindal (2022)	Shi-Tomasi corner detector for cattle identification from muzzle print image pattern"; Ecological Informatics; Ecological Informatics	1574-9541	Yes	ELSEVIER E JOURNAL
Rupinder Pal Kaur, M. Kumar and M. K. Jindal (2021)	Text and graphics segmentation of newspapers printed in Gurmukhi script: a hybrid approach; The Visual Computer	0	Yes	Springer



**DETAILS OF PUBLICATIONS****Full Papers Published in Proceedings of Conferences**

Name of Author	Title of the Paper	ISSN Number	Publisher
M. Sethi, M. K. Jindal and M. Kumar (2022)	Feature Extraction Techniques for Gender Classification Based on Handwritten Text: A Critical Review; Springer, Singapore	978-981-19-0105-8	Springer, Singapore
R. P. Kaur, M. Kumar and M. K. Jindal (2021)	Segmentation of Unstructured Scanned Devanagari Newspaper Documents; Communications in Computer and Information Science,	978-3-031-11345-1	Springer

**DETAILS OF PUBLICATIONS****Articles Published in Newspapers**

Name of Author	Title of the Paper	ISSN Number	Publisher
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**Summary of Research Publications July 1 ,2021 to June 30, 2022**

S.no	Department	Type of Journal	International	National	Others	Total
1	P.U. Regional Centre, Muktsar	Peer Review Journals	22	2	0	24
2	P.U. Regional Centre, Muktsar	Non Peer Review Journals	0	1	0	1
3	P.U. Regional Centre, Muktsar	e-Journals	0	1	0	1
4	P.U. Regional Centre, Muktsar	Conference Proceedings	2	0	0	2
5	P.U. Regional Centre, Muktsar	Book without ISBN	0	2	0	2
6	P.U. Regional Centre, Muktsar	Chapter in a book	2	5	0	7

**RESEARCH SCHEMES****Sponsored Research Projects during the Academic Year 2021 - 2022**

Sponsor Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration(in years)	Principal Investigator and Research Team
NIL					

**Seminars / Conferences / Symposia / Workshops Organized by the Department****Details of Seminars, Conferences, and Workshops organized during the Academic Year**

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Poetry Competition	2021-07-31	2021-07-31	PURC MUKTSAR	95
Legal Education: an epitome to Justice	2021-08-03	2021-08-03	PURC MUKTSAR	145
Gurbani da darshanik Adhiyan: samkalin Pripekh	2021-08-19	2021-08-19	PURC MUKTSAR	90
Constitution as a tool or Social Change	2021-09-13	2021-09-13	PURC MUKTSAR	70
Gandhi, Sarvodaya & Swadeshi Movement	2021-10-18	2021-10-18	PURC MUKTSAR	95
Security Issues in South Asia	2021-10-25	2021-10-25	PURC MUKTSAR	85
Constitution of India: an epitome of Democracy	2021-11-26	2021-11-26	PURC MUKTSAR	70

## SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	P.U. Regional Centre, Muktsar	Dr. Mohinder Kumar	Refresher Course in Research Methodology in Sciences (All Sciences Disciplines )	Professional Development Programmes	Refresher Course	State	UGC-Human Resource Development Centre, Panjab University, Chandigarh	14/09/2021	27/09/2021	UGC-Human Resource Development Centre, Panjab University, Chandigarh

### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
1	P.U. Regional Centre, Muktsar	Gurwinder Kaur	Samkali Punjabi Kahani Vich Narivadi Sarokar (Nirmal Jaiswal Rashpinder Rashim, Bachint Kaur, Amritpal Kaur Rani Naginder Kaur Ate Parwaj Sandhu De Vishvesh Sandarb Vich	2022-03-17	Prof Baljinder Kaur
2	P.U. Regional Centre, Muktsar	Mamta Rani	1990 To Badih Punjabi Kahani Da Vichatdharai Prihep (Gurmeet Kadyalvu, Drjaswindersing, Sukhjeet Singh,Jatinder Singh Hans Te Vishesh Sandharb Vich)	2022-03-17	Prof Baljinder Kaur

### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
1	P.U. Regional Centre, Muktsar	

#### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
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No Data Entered !

#### 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
1	P.U. Regional Centre, Muktsar	Webinar On Legal Education An Epitome To Justice	Distrcet Court	Distrcet Court Muktsar	03/08/2021	National	Webinar	NA	03/08/2021

#### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	25	0	25
Class rooms	15	0	15
Class rooms with Wifi/LAN facility	0	0	0
Class rooms with ICT facility (LCD/Projector)	0	0	0

Facilities	Existing	Newly Created/Added	Total
No. of Research Labs	0	0	0
No. of Computer labs	2	0	2
Video Centre	0	0	0
Seminar Halls with ICT facility	0	0	0
Seminar Halls	1	0	1
No. of important equipments purchased ( $\geq$ 10 lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0

#### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

#### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
Historical Importance Of Lohri And Magi Mela	14/01/2022	14/01/2022
Celebration Of International Women Day	08/03/2022	08/03/2022
Women Day	08/03/2022	08/03/2022
Battle of Khidrane Dee Dhab In The Rememberance Of 40 Immortals	05/05/2022	05/05/2022
Remembrance Of Marytam Day Of Shri Guru Arjan Dev Ji	03/06/2022	03/06/2022
General Principle Of Environment Law	09/06/2022	09/06/2022
An Awareness Program And Preventing And Combating Crimes	15/06/2022	15/06/2022
Yoga Day	21/06/2022	21/06/2022

#### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

#### 7. Number of Patents Published/Awarded

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

#### 8. Revenue generated through consultancy

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

## P.U. RURAL CENTRE, KAUNI, MUKTSAR

### SUMMARY OF PUBLICATIONS

#### P.U. Rural Centre, Kauni, Muktsar

The Panjab University Rural Centre, Kauni, Sri Muktsar Sahib was initiated in 2010, by Panjab University, Chandigarh, at a remote village of Kauni. The centre was initiated to cater the needs of students in educationally backward areas and to provide them basic and qualitative education to promote their talent. The centre offers various courses (BA, B Com, BBA, PGDCA) to students for developing their skills and also promotes a culture of acceptance through daily activities. Panjab University Rural Centre, Kauni has a strong team of talented and highly committed faculty to ensure the smooth and efficient learning environment for students. Panjab University Rural Centre, Kauni has the privilege of having a healthy, harmonious ambience and rich values which have played pivotal role in shaping the future of innumerable students. In the field of education for unprivileged Panjab University Rural Centre, Kauni has educated thousands of students of this backward area of Panjab. The centre caters to various professional skills, promotes value based education and enhances the potential of the students and ingrains in them the Ideals of social equality, discipline and respect. Panjab University Rural Centre, Kauni ever since its inception has strived hard to achieve its goal of providing quality education to the students of this rural area. Our Mission • To propagate knowledge that encourages students to meet the highest standards of discipline, competence and professionalism along with grounding them firmly in a sound value system. • To impart qualitative, affordable and accessible education to the students of this rural area of Punjab. • Our motto is “Learn to Serve” so that learners are able to serve the society and nation. • To work for the overall development of the students.

### PUBLICATIONS

#### DETAILS OF PUBLICATIONS

(Books/ Reference General/ Book Chapter/ Book Edited)

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Dr. Monica Bansal (2022)	Bharat at 75: Multiple Dimensions to Empower India for Better Tomorrow; Bharat at 75: Multiple Dimensions to Empower India for Better Tomorrow; Bharti Publications New Delhi- 110002 (INDIA)	978-93-91681-37-1	National
Dr. Angrej Singh Gill (2022)	Globalisation, Human Capital Accumulation and Dynamics of Transnational Migration of Youth: The Case of India.; In Atterberry, A.L. et al (Eds.). Children and Youths' Migration in a Global Landscape (Vol. 29, pp. 167-183).; Emerald Publishing Limited, UK	9781801175395	International
Dr. Kamlesh Narwana and Dr. Angrej Singh Gill (2021)	Making ‘Quality Education Accessible’ to All; Singh, S., Singh, L. and Vatta, K. (Eds.). COVID-19 pandemic and economic development (pp. 181-193); Palgrave Macmillan, Singapore	978-981-16-4441-2	International

#### DETAILS OF PUBLICATIONS

(Research Papers/ Review Article/ Editorial Article in Referred Journal)

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Dr. Monica Bansal (2021)	A Factor Analytic Study of the Determinants of bank Employees Behaviour towards CRM	2394-1537	Yes	IJSTM

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
	Practices in Haryana; International Journal of Science Technology and Management, Vol. 10, Issue 06, June 2021			
Dr. Kamlesh Narwana and Dr. Angrej Singh Gill (2021)	Amidst Stagnancy and (im)mobility: Employment trajectories of educated youth in rural Punjab; South Asia Research	17413141, 02627280	Yes	Sage Publications India Pvt. Ltd
Dr. Monica Bansal (2021)	An Analytical Study Of Growth And Performance Of Pradhan Mantri Mudra Yojana; ParipeX - Indian Journal Of Research, Volume – 10, Issue – 07, July 2021	2250 – 1991	Yes	PARIPEX
Dr. Monica Bansal (2021)	Best Practices of Green Marketing Adopted by Hospitals in the Area of Punjab; International Journal of All Research Education & Scientific Methods, Vol 9, Issue 8, August 2021	2455-6211	Yes	IJARESM
Dr. Monica Bansal (2022)	Blended Education: Meaningful Use of Technology; Educreator Research Journal (ERJ), Volume–IX, Issue– III, May – June 2022, 28-34	2394-8450	Yes	ERJ
Dr. Rajneesh (2022)	Chamera Dam of Himachal Pradesh: Its Socio-Economic Impacts on Ousteers; Jharkhand Journal of Development and Management Studies	0973-8444	Yes	Xavier Institute of Social Science, Ranchi
Dr. Monica Bansal (2021)	E – Recruitment : It’s easy if you do it smart; Bengal, past & present	0005-8807	Yes	journal of the Calcutta Historical Society
Dr. Rajneesh (2022)	Ecological Consequences of Hydropower Development in Himachal Pradesh with Special Reference to Chamera Dam; Current World Environment: An International Research Journal of Environmental Science	0973-4929	Yes	Enviro Research Publishers, Madhya Pradesh
Dr. Rajneesh (2022)	Educational Mobility among the Gadhi Tribe in Bharderwah, J&K.; THIRD CONCEPT	ISSN 0970-7247	Yes	Third Concept, New Delhi
Dr. Surinder Singh (2021)	Farmers' Movement in Punjab; Consciousness and Politics; Sikh Research Journal	ISSN 27713520	Yes	The Sikh Foundation International, CA, USA
Dr. Angrej Singh Gill (2022)	Household Expenditure on Secondary Education in Haryana (India): Levels, Patterns and Determinants; Millennial Asia	NA	Yes	Association of Asia Scholars
Dr. Angrej Singh Gill (2022)	In the Middle of Hope and Crisis What Union Budget 2022–23 Offers for Education?; Economic and Political Weekly	0012-9976	Yes	Sameeksha Trust
Dr. Rajneesh (2021)	Mahatma Gandhi's Views on Western Civilization; THIRD CONCEPT	ISSN 0970-7247	Yes	Third concept, New Delhi
Dr. Gurjit Singh (2021)	Nanak Shabad Chetna di Vartman Parsangita; SHEERAZA	ISSN 2319-5053	Yes	J&K academy of Art, Culture and Languages Jammu.

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Dr. Monica Bansal (2021)	Role of Behavior of Banking Employees in Improving CRM Practices in Banks-An Empirical Analysis; Splint International Journal of Professionals, Vol. 8, No. 2, April-June 2021, pp 124-134	2349-6045	Yes	Diva Enterprises Pvt Ltd
Dr Gurjit Singh (2021)	The Glimpses of Guru nanak,s Dictum vis the contemporary consumerist World Dis /order; Contemporary Vibes	ISSN 0975-1750	Yes	Anil Kumar Sharma, Chandigarh
Dr. Monica Bansal (2022)	The New Normal Blended Mode of Teaching and Learning in the Era of Covid-19; MERI, Journal of Education, Vol. XVII, No. 01, April 2022, pp 86-95	0974-2085	Yes	MERI
Dr. Kamlesh Narwana and Dr. Angrej Singh Gill (2021)	Understanding Parental School Choice in Varied Socio-economic Milieus: A Case Study of a Village in Punjab; Contemporary Education Dialogue	09731849, 22495320	Yes	Sage Publications India Pvt. Ltd

#### DETAILS OF PUBLICATIONS

##### Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
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#### DETAILS OF PUBLICATIONS

##### Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
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#### Summary of Research Publications July 1 ,2021 to June 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	P.U. Rural Centre, Kauni, Muktsar	Peer Review Journals	14	4	0	18
2	P.U. Rural Centre, Kauni, Muktsar	Book with ISBN	2	1	0	3

#### RESEARCH SCHEMES

##### Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/ Minor)	Duration (in years)	Principal Investigator and Research Team
Azim Premji University	State Market and Universalization of Elementary Education in Punjab	987800	58921	Major	2019 - 2022	Dr Angrej Singh Gill

#### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT

##### Details of Seminars, Conferences, and Workshops organized during the Academic Year

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Examining India's Security Problems in the Post Independence Period	2021-10-21	2021-10-21	Dr. Gurjit Singh	125
Literature and Society	2022-05-22	2022-05-22	Dr. Gurjit Singh	230

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Special Lecture on Punjabi Bhasha di varatman dasha te disha	2022-02-21	2022-02-21	Dr.Gurjit Singh	124
'Message for the State from the life of Guru Gobind Singh Ji'	2022-01-21	2022-01-21	Dr. Gurjit Singh	131
Fit India Mission	2021-08-16	2021-08-16	Dr. Seema	128
Orientation Programme 2021-22 for Fresher Students	2021-09-01	2021-09-01	Dr.Kamlesh Nirvana	250
Teacher's Role in NEP Implementation	2021-08-26	2021-08-26	Dr. Pradeep Rai	195
NEP 2020 and Reforms in Higher Education :Does the Devil Lie in Implementation?	2021-11-21	2021-11-21	Dr.Angrej Singh	122
The Untold story of Shaheed Udham Singh:Life and Ideas	2021-09-29	2021-09-29	Dr.Surinder Singh	123
One-Day Workshop On Understanding Mcdm Techniques: Insights On Ahp And Fuzzy Ahp	2022-01-12	2022-01-12	Dr. Angrej singh gill	120
Covid-19 and dairy sector of punjab:Impact and Future Challenges	2021-09-15	2021-09-15	Dr.Angrej Singh GILL	80
Declamation Competition on International Women Day	2022-03-08	2022-03-08	Dr. Kamlesh Nirwana	180
Investment Option for Better Investment	2022-05-31	2022-05-31	Dr.Surinder Singh	200
WTO, Agriculture Subsidies And MSP	2022-04-29	2022-04-29	Dr.Angrej Singh	190
Importance of Hindhi Langue in the context of Other indian language	2022-02-28	2022-02-28	Dr.pradeep Rai	105
Gandhi And Ambedkar Against Untouchability ; A Reappraisal	2022-01-29	2022-01-29	Dr.Kamlesh Nirwana	125
Skill Development in Economic Theory and Public Policy	2021-10-27	2021-10-27	Dr.Angrej Singh	90
Role Of Literature In Social Transformation	2021-09-30	2021-09-30	Dr.Angrej Singh	98
125th Birth anniversary of Netaji Subhash Chander Bose-Parakash Divas	2022-02-05	2022-02-05	Dr. Pradeep Rai	145
Healthy Eating Habits for Longer Life	2022-04-07	2022-04-07	Dr.Kamlesh Nirwana	250

### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

#### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S.n	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	P.U. Rural Centre, Kauni, Muksar	Dr. Gurjit Singh	Special Lecture on Sheed Bhagat Singh's Martydom Day.	other	Others	State	Panjab University Rural Centre Kauni	23/03/2022	23/03/2022	Panjab University Rural Centre Kauni

S.n	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
2	P.U. Rural Centre, Kauni, Muksar	Dr.Rajneesh	UGC sponsored Refresher Course in Environment Studies	Professional Development Programs	Refresher Course	University	Online	17/11/2021	30/11/2021	UGC-Human Resource Development Centre Panjab University, Chandigarh
3	P.U. Rural Centre, Kauni, Muksar	Dr.Rajneesh	Indian Economy during pandemic; New Challenge And Opportunities	conference	Social Issues	International	Online	28/04/2022	29/04/2022	Department Of Economic Association, Chaudhary Ranbir Singh University, Jind
4	P.U. Rural Centre, Kauni, Muksar	Surinder Singh	Contextualising Punjab in The Age of Globalization: Socio-culture, Political and Economic Aspects	seminar	Others	National	PU Constituent College Karyal, Dharmkot	19/03/2022	19/03/2022	PU Constituent College, Karyal, Dharmkot, Moga
5	P.U. Rural Centre, Kauni, Muksar	Dr. Rajneesh	Youth Migration to Abroad: Its Causes and Effects	seminar	Others	National	Panjab University Constituent College, Nihal Singh Wala, Moga	19/03/2022	19/03/2022	Panjab University Constituent College, Nihal Singh Wala, Moga
6	P.U. Rural Centre, Kauni, Muksar	Dr. Rajneesh	Advantages and Disadvantages of Online Education	seminar	Others	National	Markanda National College Shahabad, Haryana	07/05/2022	07/05/2022	Markanda National College Shahabad, Haryana
7	P.U. Rural Centre, Kauni, Muksar	Dr. Rajneesh	Relevance of Guru Teg Bahadur Ji's Preaching in the Present	seminar	Others	National	Dayanand Mahila Mahavidyalaya, Kurukshetra	20/05/2022	20/05/2022	Dayanand Mahila Mahavidyalaya, Kurukshetra
8	P.U. Rural Centre, Kauni, Muksar	Dr. Rajneesh	Law and Society	seminar	Others	National	University Institute of Legal Studies, PUSGG, Regional Centre, Hoshiarpur	17/05/2022	17/05/2022	University Institute of Legal Studies, PUSGG, Regional Centre, Hoshiarpur
9	P.U. Rural Centre, Kauni, Muksar	Dr. Monica Bansal	An analysis of National Education Policy 2020: a need of 21st century	seminar	Academic and Research Event	National	Online	08/03/2022	08/03/2022	Bhagat Phool Singh Mahila Vishwavidyalaya Khanpur Kalan (Sonipat)
10	P.U. Rural Centre, Kauni, Muksar	Dr. Monica Bansal	Tourism in New Normal	conference	Academic and Research Event	National	Atal Bihari Vajpayee Government College, Takipur (Kangra)	02/04/2022	02/04/2022	Atal Bihari Vajpayee Government College, Takipur (Kangra)
11	P.U. Rural Centre, Kauni, Muksar	Dr. Monica Bansal	A Study of Tourism Industry of India-Growth	conference	Academic and Research Event	International	Online	16/03/2022	16/03/2022	Primeasia University, Dhaka



S.n	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
			and Perofrmance							
12	P.U. Rural Centre, Kauni, Muksar	Dr. Monica Bansal	A Comparative Study of Cryptocurrency Performance in Indian Market	conference	Academic and Research Event	International	Online	11/03/2022	12/03/2022	Shri Ram College of Commerce, University of Delhi
13	P.U. Rural Centre, Kauni, Muksar	Dr. Monica Bansal	A study to remove gender gap in employment for the economic independence of women	seminar	Academic and Research Event	National	Smt. Aruna Asaf Ali Govt. College, Kalka, Panchkula,	07/03/2022	07/03/2022	Smt. Aruna Asaf Ali Govt. College, Kalka, Panchkula,
14	P.U. Rural Centre, Kauni, Muksar	Dr. Monica Bansal	A Study of Modified Education System of India in relation to NEP-2020	seminar	Academic and Research Event	National	A.S College of Education, Khanna	09/04/2022	09/04/2022	A.S College of Education, Khanna
15	P.U. Rural Centre, Kauni, Muksar	Dr. Monica Bansal	NEP 2020 for Betterment of Higher Education System in India	conference	Academic and Research Event	National	Online	29/04/2022	30/04/2022	Department of Studies and Research in Economics, Tumkur University, Tumakuru, Karnataka
16	P.U. Rural Centre, Kauni, Muksar	Dr. Monica Bansal	A study of digital transformation of entrepreneurs in the times of pandemic	conference	Academic and Research Event	International	by St Xavier's College – Jaipur	18/02/2022	19/02/2022	by St Xavier's College – Jaipur
17	P.U. Rural Centre, Kauni, Muksar	Dr. Monica Bansal	A study of entrepreneurial transformation with the use of technology	conference	Academic and Research Event	National	S.D. (PG) College, Panipat	23/02/2022	23/02/2022	S.D. (PG) College, Panipat
18	P.U. Rural Centre, Kauni, Muksar	Yogita Sarohi	Voyage from Azaad Bharat Towards Atam Nirbhar Bharat	seminar	Social Issues	National	Harayana	05/03/2022	05/03/2022	Department of Commerce, PG College Naraingarh
19	P.U. Rural Centre, Kauni, Muksar	Yogita Sarohi	Importance of women empowerment in todays world	webinar	Social Issues	National	Online	03/02/2022	03/02/2022	Women Cell
20	P.U. Rural Centre, Kauni, Muksar	Yogita sarohi	remote teaching and learning	Professional Development Programmes	Others	National	online	05/10/2021	05/10/2021	J.L.Nehru college, Faridabad
21	P.U. Rural Centre,	yogaita sarohi	comptition issue in india	seminar	Others	National	delhi	25/09/2021	25/09/2021	pg and reserach dpt, delhi

S.n	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
22	P.U. Rural Centre, Kauni, Muktsar	yogaita sarohi	redesigning business and education in post pandemic era	other	Refresher Course	National	kuruksetra	31/08/2021	13/09/2021	ku, kuruksetra
23	P.U. Rural Centre, Kauni, Muktsar	Dr. Rajneesh	Role of Science and Technology in Economic Development	seminar	Academic and Research Event	National	Department of Economics and Commerce Management, NIILM University, kaithal, Haryana.	25/06/2022	25/06/2022	Department of Economics and Commerce Management, NIILM University, kaithal, Haryana.

### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
NIL	-	-	-	-	-

### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
1	P.U. Rural Centre, Kauni, Muktsar	P.U.Rural Centre Kauni are providing education to Students in rural area.

#### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
NIL							

#### 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
1	P.U. Rural Centre, Kauni, Muktsar	125th Birth Anniversary of Netaji Subash Chandra Bose Parakram Divas	Bhartiya Shikshan Mandal	Hon'ble Vice Chancellor Prof. Raj Kumar, Prof. R. P. Tiwari	05/02/2022	National	Webinar on Education Policy	NIL	05/02/2022
2	P.U. Rural Centre, Kauni, Muktsar	Significance and employment opportunities of south Asian language especially Hindi in the global context	Kashi hindu University, Varanasi	Prof. Raj kumar, Prof.. heinz Werner Wessler, Prof. Pardeep Sharma, Prof. Vijay	28/02/2022	International	Webinar On Education Policy	NIL	28/02/2022

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
				Bhadur Singh, Dr. Anil Kumar					

### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	13	0	13
Class rooms	8	0	8
Class rooms with Wifi/LAN facility	3	3	6
Class rooms with ICT facility (LCD/Projector)	0	2	2
No. of Research Labs	0	0	0
No. of Computer labs	1	0	1
Video Centre	0	0	0
Seminar Halls with ICT facility	0	1	1
Seminar Halls	1	0	1
No. of important equipments purchased ( $\geq 10$ lakh) during the current year.	0	46	46
Value of the equipment purchased during the year (Rs. in Lakhs)	0	294000	294000

### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
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### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
World Food Day	15/09/2021	15/10/2021
Essay Writing competition on national Youth day	12/01/2022	12/01/2022
Declamation Competition on National Girl Child Day and Republic Day	26/01/2022	26/01/2022
Special Lecture to Commemoration of Gandhi Jis Martyrdom Day	26/01/2022	26/01/2022
125th Birth anniversary of Netaji Subhash Chandra Bose	05/02/2022	05/02/2022
The contemporary condition of Punjabi Language	21/02/2022	21/02/2022
Declamation competition on International Women Day	08/03/2022	08/03/2022
Bhagat Singh's Ideology and Today's Youth	23/03/2022	23/03/2022
World Health Day	07/04/2022	07/04/2022
Cycle Rally	02/06/2022	02/06/2022

### 6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

**7. Number of Patents Published/Awarded**

SNo	Patent	Author	Date	Status	National/ International	Patent Number/ Application Number
NIL						

**8. Revenue generated through consultancy**

SNo	Name of Consultancy Project	Name of the Consultant	Consulting/Sponsoring Agency	Project Date	National/ International	Revenue Generated (INR)
NIL						

**P.U. S.S. GIRI REGIONAL CENTRE, HOSHIARPUR**

**SUMMARY OF PUBLICATIONS**

**P.U. S.S. Giri Regional Centre, Hoshiarpur**

Panjab University, Chandigarh established a Regional Centre in the Kandi area of Punjab to cater the academic needs of the rural students of the region (in 2006). This campus was named as Panjab University Swami Sarvanand Giri Regional Centre, Hoshiarpur (Punjab) in the year 2011. Spread in picturesque environment near Shivalik foothills, the centre is a landmark donation of infrastructure spread in 10.86 acres of lush green area in the land of saints (Hoshiarpur) by Dr. Lajpat Rai Munger. The Centre was started with an aim to provide innovation and pre-eminence in the fields of Engineering and Research, conforming to the standards of Panjab University, Chandigarh. Presently the centre runs, University Institute of Engineering and technology (UIET), Department of Computer Science and Applications (DCSA) and University Institute of Legal Studies (UILS).

**PUBLICATIONS**

**DETAILS OF PUBLICATIONS**

**(Books/ Reference General/ Book Chapter/ Book Edited)**

Name of Author	Title of the Paper	ISBN Number	State/ National/ International
Dr.Satish Kumar (2022)	Application of Darbo’s Fixed Point Theorem for Existence Result of Generalized 2D Functional Integral Equations; Fixed Point Theory and Fractional Calculus: Recent Advances and Applications; springer	---	International
Dr. Neeru Mago (2021)	Book Chapter: Implication of Image Pre-Processing in Object Detection using Machine Learning Techniques; Artificial Intelligence, Machine Learning, and Data Science Technologies pp. 93-112; CRC Press	9781003153405	International
Dr.Balwant Raj (2021)	Book Title: Multifunctional MIMO Antennas Fundamentals and Application, Chapter Title: Comb Shaped Microstrip Patch Antenna With Defected Ground Structure for Mimo Applications; Book Title: Multifunctional MIMO Antennas Fundamentals and Application, Chapter Title: Comb Shaped Microstrip Patch Antenna With Defected Ground Structure for Mimo Applications; CRC Press, Taylor & Francis	eBook ISBN 9781003290230	International
Dr.Balwant Raj (2021)	Book Title: Nanoelectronic Devices for Hardware and Software Security, Chapter Title: Vertical T-Shaped Heterojunction Tunnel Field-Effect Transistor for Low Power Applications; Book Title: Nanoelectronic Devices for Hardware and Software Security, Chapter Title: Vertical T-	eBook ISBN 9781003126645	International

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISBN Number</b>	<b>State/ National/ International</b>
	Shaped Heterojunction Tunnel Field-Effect Transistor for Low Power Applications; CRC Press, Taylor & Francis		
Rajeev Kumar Dang (2021)	BOOK: Artificial Intelligence, Machine Learning, and Data Science Technologies; " Artificial Intelligence, Machine Learning, and Data Science Technologies, pp. 93-112"; CRC Press	9781003153405	International
Kanwalpreet Singh Malhi (2021)	Detection of nitrous oxide gas using silicene nanoribbons; Intelligent Circuits and systems; Taylor & Francis	978-1-00-312910-3	International
Dr.Abhishek Chauhan (2021)	Environment Coservation during the era of Covid-19 Panadamic; Plant Biodiversity and Environment conservation; Unimax Publication	978-93-83790-41-4	National
Ms.Ritika Arora (2021)	Resercher issues and future directions in healthcare using IOT and machine Learning; Smart Healthcare Monitoring using IOT with 5G Challenges ,Directions and Future predictions; CRC Press Taylor and francis group	978-1-003-17182-9	International

#### **DETAILS OF PUBLICATIONS**

##### **(Research Papers/ Review Article/ Editorial Article in Referred Journal)**

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISSN Number</b>	<b>Peer Reviewed (Y/N)</b>	<b>Publisher</b>
Rajeev Kumar Dang (2021)	"Effect of TiO <sub>2</sub> and CuO Based Nanolubricants on the Static Thermal Performance of Circular Journal Bearings "; Tribology in Industry 43, no. 3 (2021): 420	3548996	Yes	Masinski Fakultet - Kragujevac
Sukhvinder Singh Bamber (2022)	A novel technique for energy replenishment and load balancing in wireless sensor networks; Optik	0030-4026	Yes	Elsevier
Dr.Monika Negi (2022)	A study of the de-notified, semi-nomadic and nomadic tribes of India; International Journal of Law, Policy and Social Review.	ISSN: 0975-4520	Yes	International Journal of Law, Policy and Social Review.
Dr. Gurinder Singh and Dr. Aman Kaura (2022)	Alkali metal doping in B–C <sub>3</sub> N <sub>4</sub> extends carrier lifetime and increases the CO <sub>2</sub> adsorption: DFT study and time-domain Ab initio analysis; Journal of Physics and Chemistry of Solids	--	Yes	ELSEVIER
Dr.Satish Kumar (2022)	An existence theorem for nonlinear functional Volterra integral equations via Petryshyn's fixed point theorem; AIMS Mathematics	2473-6988	Yes	AIMS Mathematics
Dr Pooja Sood (2022)	An overview of national education policy of India 2020; White Black Legal Law Journal	2581-8503	Yes	White Black Legal Law Journal

<b>Name of Author</b>	<b>Title of the Paper</b>	<b>ISSN Number</b>	<b>Peer Reviewed (Y/N)</b>	<b>Publisher</b>
Dr.Satish Kumar and Mr. Vinay Arora (2022)	Application Of Petryshyn's Fixed Point Theorem Of Existence Result For Non-Linear 2d Volterra Functional Integral Equations; Differential Equations & Applications	----	Yes	Differential Equations & Applications
Pooja Sood (2018)	Attempt To Suicide- A Legal Problems; International Journal Of Movement Education And Social Science	ISBN NO.978- 93-87793-08-8	Yes	International Journal Of Movement Education And Social Science
Dr.Monika Negi (2022)	Citizenship (Amendment) Act, 2019 And Secularism: Repurcussions And Logic.; JETIR. FEB 2022, Volume 9, Issue 2,	ISSN: 0975-4520	Yes	JETIR. FEB 2022, Volume 9, Issue 2,
Dr Sunaina (2022)	Contemplating Uniform Judicial Code in India Vis-a-Vis Judicial Equality; CPJ Law Journal (Listed in UGC Care ) Peer Reviewed / Referred Journal Vol: XII Jan 2022	ISSN 0976-3562	Yes	CPJ Law Journal Vol: XII Jan 2022
Dr.Monika Negi (2022)	Corporate crimes.; Blindfold Legal Journal	2583-2751	Yes	Blindfold Legal Journal
Dr. Pooja sood (2022)	Critical Analysis Of The Transgender Person ( Protection Of Right Act) 2019; White Black Legal Law Journal	ISSN: 2581-8503	Yes	White Black Legal Law Journal
Dr. Neeru Mago (2022)	Detection of vacant slots in parking area through machine learning techniques using optimized ensemble classification model; Journal of Discrete Mathematical Sciences and Cryptography	0972-0529	Yes	Taylor and Francis
Mr.Ravinder K Paul (2021)	effect of cellulose fibre based insulation on thermal performance of buildings; Materials Today:Proceedings	2214-7853	Yes	Elsevier
Dr.Manu Dogra (2022)	Effect of Ranque-Hilsch Vortex Tube Cooling to Enhance the Surface-Topography and Tool-Wear in Sustainable Turning of Al-5.6Zn-2.5Mg-1.6Cu-0.23Cr-T6 Aerospace Alloy; Materials MDPI	1996-1944	Yes	MDPI
Dr. A.S.Kang (2022)	Energy Efficient Approach in Wireless Sensor Network for Surveillance:A Review Analysi; Saudi Journal of Engg & Technology,	2415-6272	Yes	Scholars Middle East Publishers, UAE
Manu Dogra (2022)	Exploration of Ti6Al4V surface grinding under dry and MQL environments; International Journal of Applied Science and Engineering	1727-7841	Yes	Chaoyang University of Technology, Taiwan

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
Meenu Bhagat (2022)	Implementation of logistic regression on diabetic dataset using train test split, k fold and stratified k fold approach; national academy science letters	---	Yes	national academy science letters
DR.MONIKA NEGI (2022)	Inter-Personal Law, Conflict And Effect Of Conversion; Journal Vol-25 No. 01 January–March 2022.	0975-4520	Yes	Kala Sarovar
Dr Harminder Singh Bains (2022)	Investigation of Tools Wear Rate during EDM for the Aluminium Metal Matrix Composite (5-10% TiB <sub>2</sub> ); JESE : A Prospect as Bio Medical Material	ISSN 1847-9268	Yes	AA Prospect as Bio Medical Material
Dr.Monika Negi (2022)	John Rawl's Theory Of Justice And Indian Constitution: Significance And Application; Juni Khyat (Ugc Care Group I Listed Journal) Vol-12 Issue-01 No.02 January 2022	ISSN: 2278-4632	Yes	Juni Khyat (Ugc Care Group I Listed Journal) Vol-12 Issue-01 No.02 January 2022
Dr. Vinay Sharma and Dr.Pooja Sood (2021)	Lok Adalat In India Aperture to Speedy Justice; IJLSI	2581-9453	Yes	Vidhiaagaz
Dr.Monika Negi (2022)	MGNREGA: A work oriented social scheme of India.; International Journal of Law Management & Humanities	2581-5369	Yes	----
Dr.Satish Kumar (2021)	Multi-modality medical image fusion using cross-bilateral filter and neuro-fuzzy approach; Journal of Medical Physics	9716203	Yes	Wolters Kluwer Medknow Publications
Pooja Sood (2018)	Offences Committed Byjuveniles: A Case Study; Skanda Journal Of Humanities And Social Sciences	ISSN NO.-2454-5325	Yes	Skanda Journal Of Humanities And Social Sciences
Dr. Neeru Mago (2022)	Optimized outdoor parking system for smart cities using advanced saliency detection method and hybrid features extraction model; Journal of Taibah University for Science	1658-3655	Yes	Taylor and Francis
Dr. Neeru Mago (2021)	Real Time Fuzzy based Intelligent Parking Detection System Using Deep Learning Techniques; International Journal of Fuzzy Systems	1562-2479	Yes	Springer International Publishing AG
Mr.Kanwalpreet Singh Malhi (2021)	Rise of Silicene and its applications in Gas Sensing; Journal of Molecular Modeling	1610-2940	Yes	Springer
Dr. Balwant Raj (2021)	Silicon Material Based Tunnel FET for Controlling Ambipolar Current; Silicon, Springer	Print ISSN 1876-990X, Electronic	Yes	Springer

Name of Author	Title of the Paper	ISSN Number	Peer Reviewed (Y/N)	Publisher
		ISSN 1876-9918		
Manu Dogra (2022)	State of the art review on the sustainable dry machining of advanced materials for multifaceted engineering applications: progressive advancements and directions for future prospects; Materials Research Express	2053-1591	Yes	IOP Science
Rajeev Kumar Dang (2021)	Static thermal performance evaluation of elliptical journal bearings with nanolubricants; Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 235(8), pp.1627-1640	1350-6501	Yes	SAGE
Dr Pooja Sood (2021)	Triple Talaq; IJLRA	2582-6433	Yes	IJLRA
Sukhvinder Singh Bamber (2022)	Your CAPTCHA Recognition Method Based on DEEP Learning Using MSER Descriptor; Computers, Materials and Continua	1546-2218	Yes	Tech Science Press

#### DETAILS OF PUBLICATIONS

##### Full Papers Published in Proceedings of Conferences

Name of Author	Title of the Paper	ISSN Number	Publisher
Dr.Gaurav Saini (2021)	Analyzing the response of submerged arc welding process parameters on form factor and dilution; Materials Today: proceeding	2214-7853	elsevier
Rajeev Kumar Dang (2022)	COVID-19 pandemic: A Seismically Disruptive Environmental Event; ECS Transactions 107, no. 1 (2022): 5553	1938-6737	IOP Publishing
Dr.Gaurav Saini (2021)	Discussion of parametric result of mechanical of paper of made from plastic waste; Materials Today :Proceedings	2214-7853	ELSEVIER
DR.BALWANT RAJ (2021)	Drain Current Analysis with Process Parameters Variations of Nanowire TFET; "International Conference on EmergingTechnologies: AI, IoT, and CPS for Science & Technology Applications	1613-0073	NITTTR
DR.BALWANT RAJ (2021)	SNM Analysis of HEMT Based Highly Stable SRAM Cell; "International Conference on EmergingTechnologies: AI, IoT, and CPS for Science & Technology Applications	1613-0073	NITTTR

#### DETAILS OF PUBLICATIONS

##### Articles Published in Newspapers

Name of Author	Title of the Paper	ISSN Number	Publisher
NIL			

##### Summary of Research Publications July 1 ,2021 to June 30, 2022

S.no	Department	Type of Journal	International	National	Others	Total
1	P.U. S.S. Giri Regional Centre, Hoshiarpur	Peer Review Journals	33	2	1	36
2	P.U. S.S. Giri Regional Centre, Hoshiarpur	Conference Proceedings	5	0	0	5



S.no	Department	Type of Journal	International	National	Others	Total
3	P.U. S.S. Giri Regional Centre, Hoshiarpur	Chapter in a book	7	1	0	8

## RESEARCH SCHEMES

### Sponsored Research Projects during the Academic Year 2021 - 2022

Sponsor	Title	Funds Sanctioned (INR)	Funds Received (INR)	Type (Major/Minor)	Duration(in years)	Principal Investigator and Research Team
NIL	NIL	0	0	Others	2021 - 2022	NIL

## SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ORGANIZED BY THE DEPARTMENT

### Details of Seminars, Conferences, and Workshops organized during the Academic Year

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Personal Development and Career Exploration	2021-07-29	2021-07-29	UIET, PUSSGRC, Hoshiarpur	55
Scaling the Cloud Infrastructure for Servicenow for 100k Instances	2021-07-30	2021-07-30	UIET, PUSSGRC, Hoshiarpur	70
Technological Trends in Industry	2022-05-31	2022-05-31	CSE, UIET, PUSSGRC, Hoshiarpur	120
Data Sciences In Industry	2021-09-01	2021-09-01	UIET and DCSA, PUSSGRC, Hoshiarpur	65
Sensitization Programme	2021-11-11	2021-11-11	UIET and DCSA, PUSSGRC, Hoshiarpur	422
Virtual Road Show	2022-03-08	2022-03-08	DCSA and UIET, PUSSGRC, Hoshiarpur	110
Major Machine Learning Fields: Industry Implementation	2021-07-27	2021-07-27	UIET, PUSSGRC, Hoshiarpur	80
Opportunities and Challenges of Machine Learning Based Solutions	2021-10-27	2021-10-27	DCSA Hoshiarpur	40
A webinar on "Cybersecurity and an Insight to become an Entrepreneur" on 26 Nov, 2021 at 03:00 PM to 05:00 PM	2021-11-26	2021-11-26	Entrepreneur Development Cell, PUSSGRC, Hoshiarpur	209
Water Conservation-In Context of India	2022-03-25	2022-03-25	IT Deptt.,UIET Hoshiarpur	19
Water Conservation-In Context of India	2022-03-24	2022-03-24	CSE Deptt.,Hoshiarpur	61
Water Conservation – in context of India	2022-03-24	2022-03-24	ME Deptt.,UIET Hoshiarpur	8
Water Conservation – in context of India	2022-03-25	2022-03-25	ECE Deptt.,UIET Hoshiarpur	13
Law And Literature: Emerging Trends & Opportunities in 21st Century	2022-05-17	2022-05-17	UILS,PUSSGRC,Hoshiarpur	100
Understanding and Avoiding Plagiarism	2022-02-03	2022-02-03	UILS,PUSSGRC, Hoshiarpur	50
Save Environment save life	2022-05-26	2022-05-26	UILS,PUSSGRC, Hoshiarpur	80
Democratic India and Electoral Process	2022-05-05	2022-05-05	Human Resource Development Ministry	50
Workshop on how to write a Research Paper	2022-05-04	2022-05-04	UILS,PUSSGRC, Hoshiarpur	70
Data Science in Industry	2021-09-01	2021-09-01	Placement Cell	65

Title of the Event	From Date	To Date	Name of Coordinator / Convener	Number of Participants
Application of ANSYS in Finite Element Method	2022-06-01	2022-06-01	PUSSGRC	42

### SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED BY THE FACULTY

#### 3.4.7 Details of Seminars, Conferences, and Workshops attended by the Faculty during the Academic Year 2021 - 2022

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
1	P.U. S.S. Giri Regional Centre, Hoshiarpur	Sukhvinder Singh Bamber	Refresher Course in Environment Studies (All Branches)	Professional Development Programmes	Refresher Course	National	UGC-Human Resource Development Centre Panjab University, Chandigarh	17/11/2021	30/11/2021	UGC-Human Resource Development Centre Panjab University, Chandigarh
2	P.U. S.S. Giri Regional Centre, Hoshiarpur	Meenu bhagat	Artificial intelligence for IOT services in cloud:Techniques and applications	Professional Development Programmes	Faculty Development Programme	National	Jalandhar online	28/02/2022	04/03/2022	Dr. B R Ambedkar National Institute of Technology
3	P.U. S.S. Giri Regional Centre, Hoshiarpur	Sukhvinder Singh Bamber	Infosys Campus Connect Conclave 2021	workshop	Faculty Development Programme	National	UIET, PUSSGRC, Hoshiarpur	17/12/2021	17/12/2021	Infosys
4	P.U. S.S. Giri Regional Centre, Hoshiarpur	Sukhvinder Singh Bamber	Python Programming	Professional Development Programmes	Faculty Development Programme	National	UIET, PUSSGRC, Hoshiarpur	13/06/2022	17/06/2022	Infosys
5	P.U. S.S. Giri Regional Centre, Hoshiarpur	Sukhvinder Singh Bamber	Principals Meet	seminar	Training/Orientation	National	Infosys Chandigarh	15/12/2021	15/12/2021	Infosys Chandigarh
6	P.U. S.S. Giri Regional Centre, Hoshiarpur	RAJEEV KUMAR DANG	Refresher Course in Environmental Studies	Professional Development Programmes	Refresher Course	National	Online-HRDC, PU Chandigarh	17/11/2021	30/11/2021	HRDC, Panjab University, Chandigarh
7	P.U. S.S. Giri Regional Centre, Hoshiarpur	Dr. Neeru Mago	Artificial Intelligence	Professional Development Programmes	Faculty Development Programme	National	PUSSGRC (Online)	06/06/2022	10/06/2022	Infosys Ltd.
8	P.U. S.S. Giri Regional Centre, Hoshiarpur	DR RAJINDER SINGH	Faculty Enablement Program (FEP) on Java Programming	Professional Development Programmes	Faculty Development Programme	National	PUSSGRC Hoshiarpur	20/06/2022	25/06/2022	Infosys Ltd.
9	P.U. S.S. Giri Regional Centre, Hoshiarpur	Dr. Satish Kumar	International Webinar	webinar	Others	International	JSS Academy Of Technical Education, Noida	17/09/2021	17/09/2021	JSS Academy Of Technical Education, Noida
10	P.U. S.S. Giri Regional Centre, Hoshiarpur	Dr. Satish Kumar	FIAM-21	conference	Others	International	Longowal	21/12/2021	22/12/2021	SLIET Longowal
11	P.U. S.S. Giri Regional Centre, Hoshiarpur	Dr. Balwant Raj	GaN on Silicon front-end electronics in	webinar	Others	International	National Institute of Technical Teachers	26/08/2021	26/08/2021	National Institute of Technical Teachers

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
	Centre, Hoshiarpur		advanced microwave and millimeter- wave systems for space and defence				Training & Research Chandigarh			Training & Research Chandigarh
12	P.U. S.S. Giri Regional Centre, Hoshiarpur	Harkamal Preet Singh	Computing with MATLAB and LATEX software : indispensible tools for researchers	Professional Development Programmes	Faculty Development Programme	National	online	05/01/2022	11/01/2022	Baba Farid Group of Institution, bathinda
13	P.U. S.S. Giri Regional Centre, Hoshiarpur	harkamal preet singh	LaTex scintific documentatio n	workshop	Training/Orie ntation	National	online	15/01/2022	16/01/2022	MathTech Think Foundation
14	P.U. S.S. Giri Regional Centre, Hoshiarpur	mr Naveen Dogra	Data Sciences In Industry	workshop	Others	National	UIET, PUSSGRC, Hoshiarpur	01/09/2021	01/09/2021	University Institute of Engineering & Technology, Panjab University SSG Regional Centre, Hoshiarpur, Punjab.
15	P.U. S.S. Giri Regional Centre, Hoshiarpur	Mr Naveen dogra	Sensitization Programme	workshop	Training/Orie ntation	National	UIET, PUSSGRC, Hoshiarpur	11/11/2021	11/11/2021	University Institute of Engineering & Technology, Panjab University SSG Regional Centre, Hoshiarpur, Punjab.
16	P.U. S.S. Giri Regional Centre, Hoshiarpur	Mr Naveen dogra	Technological Trends in Industry	workshop	Training/Orie ntation	National	UIET, PUSSGRC, Hoshiarpur	31/05/2022	31/05/2022	University Institute of Engineering & Technology, Panjab University SSG Regional Centre, Hoshiarpur, Punjab.
17	P.U. S.S. Giri Regional Centre, Hoshiarpur	Mr Naveen dogra	Major Machine Learning Fields	workshop	Training/Orie ntation	National	UIET, PUSSGRC, Hoshiarpur	08/03/2022	08/03/2022	University Institute of Engineering & Technology, Panjab University SSG Regional Centre, Hoshiarpur, Punjab.
18	P.U. S.S. Giri Regional Centre, Hoshiarpur	Mr Naveen dogra	Major Machine Learning Fields	webinar	Others	National	UIET, PUSSGRC, Hoshiarpur	27/07/2021	27/07/2021	University Institute of Engineering & Technology,

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
										Panjab University SSG Regional Centre, Hoshiarpur, Punjab.
19	P.U. Regional Centre, Hoshiarpur	S.S. Giri Mr Naveen dogra	Python	workshop	Faculty Development Programme	National	UIET, PUSSGRC, Hoshiarpur	13/06/2022	17/06/2022	Infosys, Chandigarh
20	P.U. Regional Centre, Hoshiarpur	S.S. Giri Mrs MEENU BHAGAT	FDP on Artificial Intelligence for IoT Services in Cloud: Techniques & Applications”	Professional Development Programmes	Faculty Development Programme	National	Dr B R Ambedkar National Institute of Technology, Jalandhar	28/02/2022	04/03/2022	Dr B R Ambedkar National Institute of Technology, Jalandhar
21	P.U. Regional Centre, Hoshiarpur	S.S. Giri Harkamal Preet Singh	Basic computing with MATLAB	workshop	Training/Orientation	National	Online	23/01/2022	13/02/2022	Math Tech. Foundation
22	P.U. Regional Centre, Hoshiarpur	S.S. Giri Sh. Harkamal Preet Singh	Cross Discipline Platforms: Scopus, Science direct and mendeley	workshop	Training/Orientation	National	Online	11/03/2022	11/03/2022	Math Tech Thinking Foundation, India
23	P.U. Regional Centre, Hoshiarpur	S.S. Giri Meenu Bhagat	ICSIET	conference	Academic and Research Event	International	Madhav Institute of technology, Gwlaior	13/11/2021	14/11/2021	MITS ,Gawalir, india
24	P.U. Regional Centre, Hoshiarpur	S.S. Giri Mr.Vinay Arora	faculty development program on Computing with MATLAB and LaTeX Scinetific	Professional Development Programmes	Faculty Development Programme	National	online	05/01/2022	11/01/2022	MTTF
25	P.U. Regional Centre, Hoshiarpur	S.S. Giri Mr.Vinay Arora	Research Methods In Economics Using Stata Software	workshop	Faculty Development Programme	International	online	02/03/2022	06/03/2022	MTU Ethiopia
26	P.U. Regional Centre, Hoshiarpur	S.S. Giri Mr.Vinay Arora	National IP Awareness Mission	other	Environment Awareness Event	National	online	04/03/2022	04/03/2022	Intellectual Property Office
27	P.U. Regional Centre, Hoshiarpur	S.S. Giri Mr.Vinay Arora	Progress in Adoption of Sustainable Agriculture in India	workshop	Academic and Research Event	International	online	25/04/2022	29/04/2022	National Institute of
28	P.U. Regional Centre, Hoshiarpur	S.S. Giri Mr.Vinay Arora	Air Pollution and Health Impacts [Need of Interdisciplinary Research]	workshop	Environment Awareness Event	National	online	01/06/2022	01/06/2022	Central University, Jammu

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
29	P.U. S.S. Giri Regional Centre, Hoshiarpur	VINAY SHARMA	Outreach Of International Law In Geo-Economic World	webinar	Academic and Research Event	International	USTINOVE	23/09/2021	23/09/2021	Durham Law School
30	P.U. S.S. Giri Regional Centre, Hoshiarpur	Dr. satish Kumar	Introduction to matlab	webinar	Academic and Research Event	National	Noida	17/09/2021	17/09/2021	JSS Academy of technical education
31	P.U. S.S. Giri Regional Centre, Hoshiarpur	Dr. Sukhbir Kaur	National Seminar on Changing Dimension	seminar	Faculty Development Programme	National	GNDU	26/03/2022	26/03/2022	ICSSR Sponsered
32	P.U. S.S. Giri Regional Centre, Hoshiarpur	Dr. Pooja Sood	Intra Quiz Competition	other	Others	National	PUSSGRC	04/05/2022	04/05/2022	UILS PUSSGRC Hoshiarpur
33	P.U. S.S. Giri Regional Centre, Hoshiarpur	Dr. Pooja Sood	Save environment save life	workshop	Environment Awareness Event	National	PUSSGRC Hoshiarpur	26/05/2022	26/05/2022	UILS PUSSGRC
34	P.U. S.S. Giri Regional Centre, Hoshiarpur	Dr. Pooja Sood	Sensitization of the run away couples	seminar	Universal Values and Ethics	National	Hoshiarpur	25/04/2022	25/04/2022	UILS PUSSGRC Hoshiarpur and DLSA
35	P.U. S.S. Giri Regional Centre, Hoshiarpur	Dr Pooja Sood	Law and Lit. emerging trends and opper. in 21st century	seminar	Academic and Research Event	National	Hoshiarpur	17/05/2022	17/05/2022	UILS PUSSGRC Hoshiarpur
36	P.U. S.S. Giri Regional Centre, Hoshiarpur	Dr Sukhbir Kaur	Changing Dimensions On of Law: An Expanding Horizon	seminar	Academic and Research Event	National	GNDU Regional Campus , Laddewali , Jallandhar	26/03/2022	26/03/2022	GNDU Regional Campus , Laddewali , Jallandhar
37	P.U. S.S. Giri Regional Centre, Hoshiarpur	Dr. Vinay Sharma	Intra Quiz Competition	Professional Development Programmes	Academic and Research Event	Other	Hoshiarpur	28/04/2022	28/04/2022	UILS PUSSGRC Hoshiarpur
38	P.U. S.S. Giri Regional Centre, Hoshiarpur	Dr. Vinay Sharma	Law and Literature : Emerging Trends and Oppertunities in 21st century	seminar	Academic and Research Event	National	Hoshiarpur	17/05/2022	17/05/2022	UILS PUSSGRC Hoshiarpur
39	P.U. S.S. Giri Regional Centre, Hoshiarpur	Dr. Vinay Sharma	Changing Dimensions of Law An expanding horizon	seminar	Academic and Research Event	National	Jalandhar	26/03/2022	26/03/2022	GNDU RC Jalandhar
40	P.U. S.S. Giri Regional Centre, Hoshiarpur	Dr. Vinay Sharma	Save Environment Save Life	workshop	Environment Awareness Event	Other	Hoshiarpur	26/05/2022	26/05/2022	UILS PUSSGRC Hoshiarpur
41	P.U. S.S. Giri Regional Centre, Hoshiarpur	MEENU BHAGAT	Introduction To Data Science	other	Training/Orientation	National	ONLINE	06/06/2022	06/06/2022	INFOSYS

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
42	P.U. S.S. Regional Centre, Hoshiarpur	Giri MEENU BHAGAT	Introduction To NLP	Professional Development Programmes	Training/Orientation	National	ONLINE	10/06/2022	10/06/2022	INFOSYS
43	P.U. S.S. Regional Centre, Hoshiarpur	Giri MEENU BHAGAT	Introduction To DI	Professional Development Programmes	Training/Orientation	National	ONLINE	07/06/2022	07/06/2022	INFOSYS
44	P.U. S.S. Regional Centre, Hoshiarpur	Giri MEENU BHAGAT	Introduction To Computer Vision	Professional Development Programmes	Training/Orientation	National	ONLINE	09/06/2022	09/06/2022	INFOSYS
45	P.U. S.S. Regional Centre, Hoshiarpur	Giri MEENU BHAGAT	Introduction To Robotic Process Automation	Professional Development Programmes	Training/Orientation	National	ONLINE	08/06/2022	08/06/2022	INFOSYS
46	P.U. S.S. Regional Centre, Hoshiarpur	Giri Vinay Arora	International Conference On Class Groups On Number Fields And Related Topics – 2021 (online), ICCGNFRT 2021	conference	Academic and Research Event	International	Kerala School of Mathematics-ONLINE	21/10/2021	24/10/2021	Kerala School of Mathematics
47	P.U. S.S. Regional Centre, Hoshiarpur	Giri Dr.Brajesh Sharma	Save environment, Save Life	workshop	Environment Awareness Event	National	PUSSGRC?Hoshiarpur	26/05/2022	26/05/2022	PUSSGRC?Hoshiarpur
48	P.U. S.S. Regional Centre, Hoshiarpur	Giri Dr.Brajesh Sharma	Law and Literature: Emerging Trends & Opportunities	seminar	Others	National	PUSSGRC ,Hoshiarpur	17/05/2022	17/05/2022	PUSSGRC/Hoshiarpur
49	P.U. S.S. Regional Centre, Hoshiarpur	Giri Dr.Sunaina	Science Social Science and Humanities	Professional Development Programmes	Faculty Development Programme	National	Chandigarh	06/08/2021	12/08/2021	UGC-Human Resource Development Centre P.U
50	P.U. S.S. Regional Centre, Hoshiarpur	Giri Dr.Sunaina	Research Methodology In social Sciences	other	Refresher Course	National	Chandigarh	22/09/2021	05/10/2021	UGC-Human Resource Development Centre P.U
51	P.U. S.S. Regional Centre, Hoshiarpur	Giri Mr. Abhishek Chauhan	India studies	Professional Development Programmes	Refresher Course	National	P.U, Chandigarh	12/03/2022	25/03/2022	UGC-HRDC, PU, Chandigarh
52	P.U. S.S. Regional Centre, Hoshiarpur	Giri Vinay Arora	NAtional Intellectual Property Awareness Mission	other	Training/Orientation	National	Online	04/03/2022	04/03/2022	Intellectual Property Office, India
53	P.U. S.S. Regional Centre, Hoshiarpur	Giri Vinay Arora	Progress in Adoption of Sustainable Agriculture in India: Barriers and Opportunities	workshop	Others	International	NITK, Surathkal	25/04/2022	29/04/2022	National Institute of Technology Karnataka Surathkal

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
54	P.U. S.S. Giri Regional Centre, Hoshiarpur	Vinay Arora	Research Methods in Economics Using Data Software	Professional Development Programmes	Faculty Development Programme	International	MTU (Ethiopia)	02/03/2022	06/03/2022	MTU (Ethiopia)
55	P.U. S.S. Giri Regional Centre, Hoshiarpur	Vinay Arora	International Conference on Delineation of History and Religion in Literature	conference	Others	International	Guru Nanak Khalsa College, Daroli Kalan	28/02/2022	28/02/2022	Guru Nanak Khalsa College, Daroli Kalan
56	P.U. S.S. Giri Regional Centre, Hoshiarpur	Vinay Arora	Computing with Matlab and Latex Software: Indispensable Tools for Researchers	Professional Development Programmes	Faculty Development Programme	National	Bathinda	05/01/2022	11/01/2022	MTU Ethiopia &BFC, Bathinda
57	P.U. S.S. Giri Regional Centre, Hoshiarpur	Vinay Arora	Teacher's e-Kit: A Four Quadrant Approach for Development of OERs for Higher Education	webinar	Others	National	Delhi	09/09/2021	09/09/2021	S.G.T.B Khalsa College&GAD-TLC
58	P.U. S.S. Giri Regional Centre, Hoshiarpur	Vinay Arora	Introduction to MATLAB	webinar	Others	International	JSSATE Noida	17/09/2021	17/09/2021	JSSATE Noida
59	P.U. S.S. Giri Regional Centre, Hoshiarpur	Vinay Arora	The Importance of Data Visualization	webinar	Others	National	Online	10/08/2021	10/08/2021	SGTB Khalsa College & GAD-TLC
60	P.U. S.S. Giri Regional Centre, Hoshiarpur	Dr. Neeru Mago	Infosys Campus Connect Conclave 2021	workshop	Faculty Development Programme	National	PUSSGRC (Online)	17/12/2021	17/12/2021	Infosys Ltd.
61	P.U. S.S. Giri Regional Centre, Hoshiarpur	Dr. Neeru Mago	Principals Meet	seminar	Training/Orientation	National	PUSSGRC (Online)	03/12/2021	03/12/2021	Infosys Ltd.
62	P.U. S.S. Giri Regional Centre, Hoshiarpur	Dr. Neeru Mago	Introduction to Robotic Process Automation	Professional Development Programmes	Training/Orientation	National	PUSSGRC (Online)	08/06/2022	08/06/2022	Infosys
63	P.U. S.S. Giri Regional Centre, Hoshiarpur	Dr. Neeru Mago	Introduction to Data Science	Professional Development Programmes	Training/Orientation	National	PUSSGRC (Online)	06/06/2022	06/06/2022	Infosys
64	P.U. S.S. Giri Regional Centre, Hoshiarpur	Dr. Neeru Mago	Introduction to Artificial Intelligence	Professional Development Programmes	Training/Orientation	National	PUSSGRC (Online)	06/06/2022	06/06/2022	Infosys
65	P.U. S.S. Giri Regional Centre, Hoshiarpur	Dr. Neeru Mago	Computer Vision 101	Professional Development Programmes	Training/Orientation	National	PUSSGRC (Online)	05/06/2022	05/06/2022	Infosys

S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
66	P.U. Regional Centre, Hoshiarpur	S.S. Giri Mago	Dr. Neeru Introduction to Deep Learning	Professional Development Programmes	Training/Orientation	National	PUSSGRC (Online)	07/06/2022	07/06/2022	Infosys
67	P.U. Regional Centre, Hoshiarpur	S.S. Giri Mago	Dr. Neeru Explore Machine Learning using Python	Professional Development Programmes	Training/Orientation	National	PUSSGRC (Online)	05/06/2022	05/06/2022	Infosys
68	P.U. Regional Centre, Hoshiarpur	S.S. Giri Mago	Dr. Neeru NLP for ML with Python: NLP Using Python NLTK	Professional Development Programmes	Training/Orientation	National	PUSSGRC (Online)	22/06/2022	22/06/2022	Infosys
69	P.U. Regional Centre, Hoshiarpur	S.S. Giri Mago	Dr. Neeru Introduction to Natural Language Processing	Professional Development Programmes	Training/Orientation	National	PUSSGRC (Online)	05/06/2022	05/06/2022	Infosys
70	P.U. Regional Centre, Hoshiarpur	S.S. Giri Mago	Dr. Neeru Python for Data Science	Professional Development Programmes	Training/Orientation	National	PUSSGRC (Online)	05/06/2022	05/06/2022	Infosys
71	P.U. Regional Centre, Hoshiarpur	S.S. Giri Mago	Dr. Neeru Final Exam: AI Practitioner	Professional Development Programmes	Training/Orientation	National	PUSSGRC (Online)	15/06/2022	15/06/2022	Infosys
72	P.U. Regional Centre, Hoshiarpur	S.S. Giri Mago	Dr. Neeru SPOC's meet	Professional Development Programmes	Training/Orientation	National	PUSSGRC (Online)	08/02/2022	08/02/2022	Infosys Ltd.
73	P.U. Regional Centre, Hoshiarpur	S.S. Giri Mago	Dr. Neeru CUDC-21	conference	Academic and Research Event	National	Chitkara University	12/11/2021	13/11/2021	Chitkara University
74	P.U. Regional Centre, Hoshiarpur	S.S. Giri Abhishek Chauhan	Dr. Rrcent Trends in Mechanical Engineering	other	Faculty Development Programme	National	Jaipur,(R.J)	20/07/2021	24/07/2021	ICFAI,University Jaipur, Rajasthan
75	P.U. Regional Centre, Hoshiarpur	S.S. Giri Rajinder Singh	Dr. Data Structures and Algorithms using Java	Professional Development Programmes	Short-Term Course	National	Hoshiarpur	20/06/2022	20/06/2022	Infosys
76	P.U. Regional Centre, Hoshiarpur	S.S. Giri Rajinder Singh	Dr. Database Management System Part - 1	Professional Development Programmes	Faculty Development Programme	National	Hoshiarpur	19/06/2022	19/06/2022	Infosys
77	P.U. Regional Centre, Hoshiarpur	S.S. Giri Rajinder Singh	Dr. Database Management System Part - 2	Professional Development Programmes	Faculty Development Programme	National	Hoshiarpur	24/06/2022	24/06/2022	Infosys
78	P.U. Regional Centre, Hoshiarpur	S.S. Giri Rajinder Singh	Dr. Introduction to NoSQL databases	Professional Development Programmes	Faculty Development Programme	National	Hoshiarpur	24/06/2022	24/06/2022	Infosys
79	P.U. Regional Centre, Hoshiarpur	S.S. Giri Rajinder Singh	Dr. Software Engineering and Agile software development	Professional Development Programmes	Faculty Development Programme	National	Hoshiarpur	24/06/2022	24/06/2022	Infosys



S.no	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
80	P.U. S.S. Giri Regional Centre, Hoshiarpur	Dr. Gaurav Saini	3rd International Conference of Contemporary Advancing in Mechanical Engineering	conference	Academic and Research Event	International	CEC Landran	27/08/2021	28/08/2021	Department of Mechanical Eng
81	P.U. S.S. Giri Regional Centre, Hoshiarpur	Dr. Vinay Sharma	A quest for interdisciplinarity	other	Faculty Development Programme	National	P.U Chandigarh	06/08/2021	12/08/2021	UGC-Human Resource Development Centre P.U
82	P.U. S.S. Giri Regional Centre, Hoshiarpur	Savita Grover	Save Environment Save Life	workshop	Environment Awareness Event	National	PUSSGRC Hoshirpur	26/05/2022	26/05/2022	PUSSGRC Hoshiarpur
83	P.U. S.S. Giri Regional Centre, Hoshiarpur	Savita Grover	Law & Literature : Emerging trends & Opportunities in 21st Century	seminar	Others	National	PUSSGRC Hoshiarpur	17/05/2022	17/05/2022	UILS PUSSGRC Hoshiarpur
84	P.U. S.S. Giri Regional Centre, Hoshiarpur	Satish Kumar	Innovation and application of science and technology	conference	Academic and Research Event	International	Greater Noida	21/12/2021	23/12/2021	Galgotia College, Greater Noida
85	P.U. S.S. Giri Regional Centre, Hoshiarpur	Balwant Raj	International Conference on Emerging Technologies: AI, IoT and CPS for Science & Technology Applications	conference	Academic and Research Event	International	NITTTR Chandigarh	06/09/2021	07/09/2021	Deptt of ECE & EE NITTTR Chandigarh
86	P.U. S.S. Giri Regional Centre, Hoshiarpur	Ms. Savita Grover	Access to Justice for All	other	Others	National	PUSSGRC Hoshiarpur	10/11/2021	10/11/2021	UILS PUSSGRC Hoshiarpur
87	P.U. S.S. Giri Regional Centre, Hoshiarpur	Savita Grover	How to Write A Research Paper	workshop	Others	National	PUSSGRC Hoshiarpur	04/05/2022	04/05/2022	PUSSGRc Hoshiarpur
88	P.U. S.S. Giri Regional Centre, Hoshiarpur	Vinay Arora	“Implementation of Academic Bank of Credits”	webinar	Others	National	Online	10/07/2021	10/07/2021	S G T B Khalsa College & GAD -TLC
89	P.U. S.S. Giri Regional Centre, Hoshiarpur	Dr Sunaina	Online Lecture Understanding and Avoiding Plagiarism	other	Others	Other	PUSSGRC	03/02/2022	03/02/2022	PUSSGRC
90	P.U. S.S. Giri Regional Centre, Hoshiarpur	Dr Sunaina	Access to Justice for all , As convener in Seminar	seminar	Others	State	PUSSGRC HSP	25/04/2022	25/04/2022	PUSSGRC
91	P.U. S.S. Giri Regional	Dr Sunaina	Deliver a lecture How	workshop	Others	University	PUSSGRC, HSP	04/05/2022	04/05/2022	PUSSGRC

S.No	Department	Name	Title of event	Type	Special Category	Level	Place	From Date	To Date	Organized By
			to write a research paper							
92	P.U. S.S. Giri Regional Centre, Hoshiarpur	Dr Sunaina	Save Environment Save life One day workshop	workshop	Environment Awareness Event	University	PUSSGRC	26/05/2022	26/05/2022	PUSSGRC
93	P.U. S.S. Giri Regional Centre, Hoshiarpur	Dr Sunaina	Language and Literature: Recent Trends and Oppurtunities in 21st Century	seminar	Academic and Research Event	National	PUSSGRC	17/05/2022	17/05/2022	PUSSGRC
94	P.U. S.S. Giri Regional Centre, Hoshiarpur	Dr Sunaina	Practical Aspects of Procedural Law	seminar	Others	Other	PUSSGRC	02/06/2022	02/06/2022	PUSSGRC
95	P.U. S.S. Giri Regional Centre, Hoshiarpur	Meenu Bhagat	statistical analysis for data analysis	Professional Development Programmes	Faculty Development Programme	National	jalandhar	22/11/2021	26/11/2021	NIT Jalandhar
96	P.U. S.S. Giri Regional Centre, Hoshiarpur	Meenu Bhagat	Machine Learning And Computer Vision	Professional Development Programmes	Faculty Development Programme	National	Tripura	07/03/2022	12/03/2022	TIT Agartala
97	P.U. S.S. Giri Regional Centre, Hoshiarpur	Savita Grover	Moot Court Competition	workshop	Academic and Research Event	Other	PUSSGRC, Hoshiarpur	10/11/2021	10/11/2021	District Legal Services Authorities

### Ph.D. Awards

#### Research Scholars Awarded Doctorate during the Academic Year 2021 - 2022

S.No.	Department	Name of Candidate	Title of the Thesis	Date of Notification	Supervisor(s)
					NIL

### MISCELLANEOUS

#### Any other noteworthy achievement of the department during this Academic Year 2021 - 2022

S.no	Department	Achievement
1	P.U. S.S. Giri Regional Centre, Hoshiarpur	

#### 1. Details of MoUs signed with Institutions of National/International importance, other Universities, Industry etc. activities

SNo	Department	Title of MoU	Organisation with which MoU is signed	Name of Institution/ Department/ Industry / Corporate house	Date of Signing	Valid Upto	Level
1	P.U. S.S. Giri Regional Centre, Hoshiarpur	Campus Connect Programme	INFOSYS	PUSSGRC, Hoshiarpur	17/02/2021	11/08/2022	National

#### 2. Details of Collaborative activities

SNo	Department	Title of Collaboration Activity	Name of Collaborating Agency along with Contact details	Name of the Participant	Date of Collaboration	Level	Nature of activity	Source of financial support	Valid Upto
1	P.U. S.S. Giri Regional Centre, Hoshiarpur	National Seminar	Saach Educational Trust Hoshiarpur	Trust Members and other participants	12/05/2022	National	Seminar	Trust	12/05/2022
2	P.U. S.S. Giri Regional Centre, Hoshiarpur	Sahara Welfare Society	Sahara Welfare Society Renu Kanwar President 98550-32960	Sahara Welfare Society	03/12/2021	National	Divyang Diwas	Society Fund	03/12/2021

### 3. Details of increase in infrastructure facilities during the Academic Year 2021 - 2022

Facilities	Existing	Newly Created/Added	Total
Total Number of Computers in the department	375	0	375
Class rooms	22	0	22
Class rooms with Wifi/LAN facility	18	0	18
Class rooms with ICT facility (LCD/Projector)	1	0	1
No. of Research Labs	1	0	1
No. of Computer labs	11	0	11
Video Centre	0	0	0
Seminar Halls with ICT facility	0	0	0
Seminar Halls	2	0	2
No. of important equipments purchased ( $\geq$ 10 lakh) during the current year.	0	0	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	0

### 4. Details of Extracurricular Activities during the Academic Year 2021 - 2022

Title	No. of participants (Students and Staff)	Venue	From Date	To Date
NIL				

### 5. Activities to celebrate / organize national and international commemorative days, events and festivals

Title of Event	From Date	To Date
Independence Day 2021	15/08/2021	15/08/2021
Bharat Ka Amrut Mahotsav	27/10/2021	27/10/2021
Indian Constitution Day	26/11/2021	26/11/2021
Cyber Security And An Insight To Become An Entrepreneur	26/11/2021	26/11/2021
Martyrdom Day	23/03/2022	23/03/2022
World Water Day	24/03/2022	24/03/2022
Motivational Talk On Stress Management In Corporate Sector	06/04/2022	06/04/2022
World Book Day - 23rd Apr, 2022	25/04/2022	02/05/2022
An Interdisciplinary National Seminar on "Law and Literature: Emerging Trends & Opportunities in 21st Century"	17/05/2022	17/05/2022

<b>Title of Event</b>	<b>From Date</b>	<b>To Date</b>
World Environment Day	05/06/2022	05/06/2022
International Yoga Day	21/06/2022	21/06/2022

**6. Details of ISR/SSR Activities during the Academic Year 2021 - 2022**

<b>Title</b>	<b>No. of participants (Students and Staff)</b>	<b>Venue</b>	<b>From Date</b>	<b>To Date</b>
NIL				

**7. Number of Patents Published/Awarded**

<b>SNo</b>	<b>Patent</b>	<b>Author</b>	<b>Date</b>	<b>Status</b>	<b>National/ International</b>	<b>Patent Number/ Application Number</b>
NIL						

**8. Revenue generated through consultancy**

<b>SNo</b>	<b>Name of Consultancy Project</b>	<b>Name of the Consultant</b>	<b>Consulting/Sponsoring Agency</b>	<b>Project Date</b>	<b>National/ International</b>	<b>Revenue Generated (INR)</b>
NIL						

## A.C. JOSHI LIBRARY

### I ACHIEVEMENTS OF THE FACULTY

Singh K. Neeraj **Patent Granted:**

- Patent number: 2021103042, Title: A System And Method For Predictingbadminton match Outcome, Name of inventor(s): Sharma, Manoj; Kumar, Naresh; Monika, Mrs.; Kumar, Pardeep; Kumar Singh, Neeraj; Kumar, Anuj; Sharma, Anuj by Australian Government, IP Australia.

**Award:**

- Awarded the prestigious "University Librarian of the year 2021" award by Madhya Pradesh Library Association on 14 Dec 2021 by Shri Om Prakash Sakhlecha Jee, Minister, Science & Technology, MSME, Govt. of Madhya Pradesh Bhopal in recognition of professional excellence and outstanding contribution in the application of IT in the field of library services.

Kumar Mritunjay      Nominated Member, Board of Studies, Department of History, UG      Program, Knya  
Mahavidyala, Jalandhar for the session 2020-2023

Nominated Member, Panjab University Senate, 2020-2022 by the Hon'ble Vice-President  
and Chancellor, Panjab University, Chandigarh.

### II EXTENSION LECTURES/TALKS DELIVERED BY PROFESSIONAL STAFF

**July 1, 2021 to June 30, 2022**

Name	Topic of lecture	Institution	Date
Bansal Jivesh	National Digital Library of India (NDLI)	RKSD College Kaithal	06.09.2021
	Information Sources & Learning in Digital Age: Challenges & Prospects	GJU, Hisar	9.11.2021
	Library: A Pantry of Research Tools & Sources	GJU, Hisar	18.12.2021
	Open Educational Resources	Dyal Singh College, Karnal	28.1.2022
	Academic Integrity & Research Ethics'. Research Methodology in Social Sciences	North-Western Regional Centre, Panjab University, Chandigarh	23.3.2022
	RFID Technology in Libraries' in AICTE sponsored FDP on 'Latest Technologies & Trends in Libraries'	PTU, Jalandhar	21.6.2022
	E-Resources & Services of MHRD & UGC' in AICTE sponsored FDP on 'Latest Technologies & Trends in Libraries'	PTU, Jalandhar	21.6.2022
Singh K. Neeraj	Process of Writing and Publishing Quality Research Papers in Indexed Journals	Department of Electrical Engineering and Pt. Deen Dayal Upadhyay Central Library, J. C. Bose University of Science & Technology,	07.07.2021

	YMCA Faridabad	
Research Support Services for Academic and Research Community	J. C. Bose University of Science & Technology, YMCA Faridabad	01.03.2022
Publishing in quality Reference Journals.	UGC-Human Resource Development Centre, Panjab University, and Post Graduate Government College for Girls, Sector-42, Chandigarh	10.07.2021
Research Metrics, Publications and Open Access Self Archiving"	Knowledge Resource Center and Department of Library & Information Science, Shivaji University Kolhapur.	22.07.2021
Invited as a Resource person for Observer for Seminar Presentations	UGC HRDC, Dr. H.S. Gour University Sagar, M.P.	11.08.2021
Use of plagiarism Detection software like Turnitin, Urkund	Teaching Learning center, Doctor Harisingh Gour Vishwavidyalaya, SAGAR , M P	28.07.2021
Writing and Publishing Scholarly Articles on Scopus Index Journals	Dept of Higher Education Haryana	19.08.2021
Application of RFID Technology in Libraries	AICTE-RGPV, Bhopal, M P	06.08.2021
NFC: An alternative to RFID in Libraries	AICTE-RGPV, Bhopal, M P	06.08.2021
Research Support Services for Academicians	Gargi College, University of Delhi	13.08.2021
Research Visibility and Measuring Impact of Scientific Research	University of Kalyani, West Bengal	17.09.2021
Understanding and avoiding Plagiarism	UGC-Human Resource Development Centre, Panjab University, Chandigarh	24.09.2021
E-content	UGC-Human Resource Development Centre, Panjab University, Chandigarh	02.08.2021
Moocs and Open Educational Resources. Session: I	National Institute of Technical Teachers Training and Research, Chandigarh	14.10.2021
E-content Development for Teaching and Research: Session II	National Institute of Technical Teachers Training and Research, Chandigarh	14.10.2021
Reference management, Language correction Tools	GGDSD College, PU Chandigarh	29.10.2021
Publishing in Quality Reference Journals	GGDSD College, PU Chandigarh	29.10.2021
Role of Academic Libraries in OER	GJUST, Hisar	08.11.2021
Publishing Research papers in	Aditi Mahavidyalaya, University of	15.11.2021

Scopus Indexed Journals	Delhi	
RFID in Libraries & NFC technologies	UGC-Human Resource Development Centre, JNTUH, Kukatpally, Hyderabad.	04.11.2021
Academic Integrity & Measuring the Impact of Scientific Research	Central Library, Central University of Odisha, Koraput!	21.12.2021
Use of e-resources in Research	ICSSR, NWRC, PU Chandigarh	06.01.2022
Research Support Tools	ICSSR, NWRC, PU Chandigarh	12.01.2022
Moocs and Open Educational Resources. Session: I	National Institute of Technical Teachers Training and Research, Chandigarh	19.01.2022
E-content Development for Teaching and Research: Session II	National Institute of Technical Teachers Training and Research, Chandigarh	19.01.2022
Open source Plagiarism and Reference Management Software	National Institute of Technical Teachers Training and Research, Chandigarh	24.01.2022
Research Information Management network: an Overview of a web-based platform for Panjab University, Chandigarh	National Institute of Technical Teachers Training and Research, Chandigarh	21.01.2022
Accessing PU online Resources	HRDC PU	24.12.2021
E-content Development for Teaching and Research	A C Joshi Library & HRDC, PU, Chandigarh	04.02.2022
Research visibility & measuring impact of scientific research	HRDC PU	21.12.2021
Research Support Tools for Academic and Research Community	J. C. Bose University of Science & Technology, YMCA Faridabad	01.03.2022
Moocs and Open Educational Resources. Session: I	National Institute of Technical Teachers Training and Research, Chandigarh	08.03.2022
E-content Development for Teaching and Research: Session II	National Institute of Technical Teachers Training and Research, Chandigarh	08.03.2022
Using e-resources for Research	ICSSR, NWRC, PU Chandigarh	23.03.2022
Open source Institutional Repository Software	National Institute of Technical Teachers Training and Research, Chandigarh	24.03.2022
Open source Institutional Repository Software	National Institute of Technical Teachers Training and Research, Chandigarh	24.03.2022
Research Support Tools	ICSSR, NWRC, PU Chandigarh	25.03.2022
Copyright and academic publishing	SGGS College,, Secor-26 Chandigarh	23.04.2022
How to Improve Research Visibility	GGDSD College, Chandigarh	25.05. 2022

	and Impact		
	Databases and Research Metrics	National Law University, Nagpur	28.05.2022
	E-Content development for Teaching and Research	PTU, Jalandhar	20.06.2022
	Design and development of E content in Context of NEP 2020	ZIET, Chandigarh	15.06.2022
	Research Support Services in University Libraries.	Pillai HDC college of Arts Science and Commerce, Mumbai	16.08.2021
Sumi Suman	Women in digital space	Institute of advance studies in education and Women studies centre, Soban Singh Jeena University, Almora	18.12.2021
Kumar Mritunjay	Civilization History of India	Indian Council for Cultural Relation, Government of India, New Delhi	(i) 2.6.2022 (ii) 4.6.2022 (iii) 6.6.2022 (iv) 8.6.2022 (v) 10.6.2022

### III

### STAFF POSITIONS

<b>Librarian</b>	Jivesh Bansal, Ph.D. (Officiating upto 27.6.2022) , Sudhir Kumar (Additional Charge-w.e.f. 28.6.2022), Ph.D.
<b>Deputy Librarians</b>	Neeru Bhatia, Ph.D.; Neeraj Kumar Singh, Ph.D.
<b>Assistant Librarians</b>	Leena Khullar, M.A., M. Lib.Sc.; Sunaina Khanna, M.Phil.; Mona Pall, M.A., M.Lib.Sc.; Suman Sumi, Ph.D.; Seema Sood, M.Phil.; Neeru Gupta, M.Phil.; Nirupama Chohda, Ph.D.
<b>System Administrator</b>	V.K. Garg, M.Sc., M.Tech.
<b>Asstt. Archivist</b>	Mritunjay Kumar, Ph.D.
<b>Library Assistants</b>	Navjyoti, Ph.D; Harinder Singh, M.Phil; Deepika Tewari, M.Lib.Sc.; M.Phil.; Richa Gupta, Ph.D.; Anil Kumar, Ph.D.

The AC Joshi Library is housed in a centrally located 5 storeyed building with a seating capacity of 670 readers (approx). It has approx. 8 lacs collections and a prized collection of 1492 manuscripts. The Library is fully computerized with RFID technology for security, inventory and lending services. The Library is subscribing to 285 current periodicals, a number of which have on-line access along with the print versions. The Library also has access to about 15000 + core and peer reviewed on-line journals and 14 bibliographical databases from publishers & aggregators in different disciplines through e-shodhsindhu consortium of INFLIBNET. The Library has subscribed 20 e-resources (2022) including Science Direct, Scopus, IEEE etc. In addition to this, the Library also provides remote login services and inter-library loan services. These e-resources can be accessed through Campus network and Remote Access facility. For the visually impaired students the library provides JAWS and Zoom-Ex software and Indo NVDA software.



#### **(IV) PUBLICATIONS**

##### **RESEARCH PAPERS IN PEER REVIEWED JOURNALS**

Bansal Jivesh Covid19 and Aged People: A Scintometric Analysis of High Cited Publications. Journal of Young Pharmacists. 13 (3), 2021. s13. (Co- authors: M Suirulinathi, BM Gupta, NP Kumari)

Impact of COVID-19 on children and adults: a bibliometric assessment of global publications. International Journal of Medicine and Public Health. 11(3), 2021. (Co-authors: M Suirulinathi, BM Gupta, GMN Mamdapur, M Bansal)

Covid-19 and Pregnancy: A Scientometric Assessment of Global Publications during 2020-21. Journal of Young Pharmacists. 13 (3S), 2021. s122. (Co-authors: B.M. Gupta, S.M. Dhawan, M Bansal) Publications. Library Herald. 59 (4), 2021. 52-66. (Co-authors: M Bansal S Gover)

Awareness and Attitude towards Plagiarism among Post Graduate Students and Research Scholars of Select Social Sciences Departments of Kurukshetra University and Panjab University, Chandigarh" (2021). Library Philosophy and Practice (e-journal). 6682. <https://digitalcommons.unl.edu/libphilprac/6682> (Co-Author: Neha Garg & Manoj K Joshi)

Singh, Neeraj K. Surulinathi, Surulinathi & Gupta, Brij Mohan & Kumari, N & Kumar, Neeraj. (2021). Global Publications on Covid-19 and Neurosciences: A Bibliometric Assessment during 2020-21. Journal of Young Pharmacists. 13. s101-s107. 10.5530/jyp.2021.13s.79. (p-ISSN -0975-1483, e-ISSN- 0975-1505).

Singh Neeraj Kumar & Visakhi P.(2021). Covid-19 and Neuroscience Research: A Scientometric Assessment of India's Publications during 2020–21. Library Herald, Vol. 59, Issue No. 4, pp.39-51.(P ISSN:0024-2292, e- ISSN 0976-2469).doi. 10.5958/0976-2469.2021.00043.9.

##### **Chapters in Edited Book**

Singh, N.K., Gupta, H. (2022). Climate-Conflict-Migration Nexus: An Assessment of Research Trends Based on a Bibliometric Analysis. In: Behnassi, M., Gupta, H., Kruidbos, F., Parlow, A. (eds) The Climate-Conflict-Displacement Nexus from a Human Security Perspective. Springer, Cham. [https://doi.org/10.1007/978-3-030-94144-4\\_2](https://doi.org/10.1007/978-3-030-94144-4_2)

Singh, Neeraj Kumar (2021). Digital Content Management in the Age of Digital Transformation (pp. 109-119) in Digital Content Management: from Theory to Action edited by Mohammad Hassanzadeh, Maziar Amirhosseini, Mitra Samiei.Tehran: Ayande Amoozan -e- Ata Publication, 2021. ISBN: 978-622-97307-2-0.

Singh, Neeraj Kumar (2021). RFID Application in Libraries oAcademic 220 Institutions: With Special Reference to Northern India (pp 220-234). In Strategies of Library Management in Digital Era, Vol. 1 Digital Library Management : Metric Studies and Digital Technologies. VIII. Edited by Sonal Singh and Mili Bajpai. Raj Publishing House, Jaipur. (ISBN) 978-93-88997-18-8

#### **(V) SEMINARS/CONFERENCES/SYMPOSIA/WORKSHOP**

##### **(Organized by the Library)**

<b>Title of the</b>	<b>Place and Date(s) Staff</b>	<b>Participating Coordinator/Convener</b>	<b>Name of the Seminar/Conference</b>
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**(VI) SEMINARS/CONFERENCES/SYMPOSIA/WORKSHOP  
(Attended by the faculty)**

<b>Name</b>	<b>Topic</b>	<b>Place</b>	<b>Date</b>
Sood Seema	(i) Virtual Library Management Development Programme on 'Contemporary Trends & Technologies in Library & Information Science'	organised jointly by CVM University, Gujarat, Management Library Network (MANLIBNET), and Jio Institute	13-17.09.2021
	(ii) Online Training Programme for Librarians on " <b>Library: a pantry of Research Tools and Sources</b> "	organised by Dr. Bhim Rao Ambedkar Library, Guru Jambheshwar University of Science and Tehnology, Hisar	13-18.12.2021
	(iii) NPTEL E-Awareness workshop		04.01.2022
	(iv) FDP on "Information Sources and Services for Teaching, Learning and Research"	collaboration with A.C. Joshi Library, Panjab University, Chandigarh conducted by Human Resource Development Centre, Panjab University, Chandigarh under RUSA 2.0 grant	01.-7.02.2022
Chohda Nirupma	(i) online workshop on "NPTEL E-Awareness Workshop"		04.01.2022
	(ii) Online FDP on Research Methodology & Data Analysis	organized by IQAC & D.A.V. College of Education, Hoshiarpur, Punjab	03-09.3.2022
Gupta Neeru	(i) online workshop on "NPTEL E-Awareness Workshop"		04.01.2022
	(ii) Online - FDP on Information Sources and Services for Teaching, Learning and Research	organized by HRDC, Panjab University, Chandigarh	01-7.02.2022
	(iii) Online FDP on Research Methodology & Data Analysis	organized by IQAC & D.A.V. College of Education, Hoshiarpur, Punjab	03-09, 3.2022
Kumar Mritunjay	The Quintessential Educator- Challenges and Opportunities in the Changing World	Organized by ARSD College, University of Delhi and Teaching and Learning Centre, Ramanujan College, University of Delhi under the aegis of Ministry of Education (PMMMNTT Scheme)	23.8.2021-6.9.2021
Tewari Deepika	(i) Online Training Programme on " <b>Library: a pantry of Research Tools and Sources</b> "	organised by Dr. Bhim Rao Ambedkar Library, Guru Jambheshwar University of Science and Technology, Hisar	13-18.12.2021
	(ii) online workshop on "NPTEL E-Awareness Workshop"		04.01.2022

**(VII) MISCELLANEOUS**

- The Library subscribes to 20 online databases, 119 online journals, 2 online services and 138 print Journals.
- 1783 volumes were added during the period under report. The total collection is 7,93,948.
- Total 457 theses uploaded on the Shodhganga repository ( from 1.7.2021 to 30.6.2022). Total no. of thesis in shodhganga till 30.6.2022 are 8124.
- 410 Books/Journals have been transferred from the main Library to the concerned departments during the period under report.
- The total membership of the library is 14496.

**Library Membership 2021-2022**

➤ University Fellows –	44
➤ University Teachers-	513
➤ Affiliated College Teacher-	750
➤ Research Scholar Ph.D. -	2225
➤ Research Scholar M. Phil-	389
➤ University A- Class Employees-	101
➤ University B- Class Employees-	441
➤ Special Member-	176
➤ Special Member Outside	22
➤ Institutional Special Members-	4
➤ P. G. Students -	5037
➤ U. G. Students-	4606
➤ MWB-	156
➤ Library Professionals-	19
➤ Alumni Life Member-	7
➤ Alumni Patron Member-	2
➤ Post Doctoral Fellow-	4
Total Membership as on 30.06.2021	14496

## UGC-HUMAN RESOURCE DEVELOPMENT CENTRE

### 1. Programs conducted under HRDC Funds

Sr. No.	Name of Programmes	Courses	Date of Commencement
1	Online –Research Methodology in Sciences	RC	14.09.2021 to 27.09.2021
2	Online –Research Methodology in Social Sciences	RC	22.09.2021 to 05.10.2021
3	Online- Environmental Studies	RC	17.11.2021 to 30.11.2021
4	Online- Mathematical Science	RC	23.11.2021 to 06.12.2021
5	3 Day Online-Workshop on Creative Academic Writing	WS	28.10.2021 to 30.10.2021
6	FIP - 127	FIP	17.12.2021 to 13.01.2022
7	Online - Advances in Pedagogical Approaches	RC	04.01.2022 to 17.01.2022
8	Online - Commerce & Management Studies ( <i>All Commerce &amp; Mgmt. Disciplines</i> )	RC	01.02.2022 to 14.02.2022
9	Online - Physical Science ( <i>All Physical Science Disciplines</i> )	RC	15.02.2022 to 28.02.2022
10	Academic Leadership for Academic Administration (Training for non teaching staff , one day)	TR	10.02.2022
11	Online - India Studies	RC	12.03.2022 to 25.03.2022
12	Online - Indian Language	RC	18.03.2022 to 31.03.2022
13	Online - Higher Education: National Policy and Implementation ( <i>Faculty from all Disciplines</i> )	RC	28.06.2022 to 1.07.2022
14	Online - Workshop on NEP-2020 (Theme: Multidisciplinary in NEP-2020) ( <i>All Disciplines Faculty</i> )	WS	16.06.2022 @ 03.00 to 04.00pm
15	Online - Workshop on NEP-2020 (Theme: DigiLocker/ National Academic Depository) ( <i>All Disciplines Faculty</i> )	WS	17.06.2022 @ 03.00 to 04.00pm
16	Online - Workshop on NEP-2020 (Theme: Digital Governance) ( <i>All Disciplines Faculty</i> )	WS	23.06.2022 @ 03.00 to 04.00pm
17	Online - Workshop on NEP-2020 (Academic Research Policies) ( <i>All Disciplines Faculty</i> )	WS	30.06.2022 @ 03.00 to 04.00pm

### 2. Programs conducted under RUSA Funds

Sr. No.	Name of Programmes	Courses	Date of Commencement
1	Online - 7-Days FDP on Search, Research and Publication Ethics	FDP	06.07.2021 to 12.07.2021
2	Online - 7-Days FDP on Needonomics for Revival of Economy in Post Pandemic Era	FDP	14.07.2021 to 20.07.2021
3	Online - 7-Days FDP on Re-engineering the role of Teacher as Mentor	FDP	22.07.2021 to 28.07.2021
4	Online - Webinar on Spirituality & Wellness ( <i>All Disciplines</i> )	Webinar	28.07.2021
5	Online - 7-Days FDP on Research in Sciences: Novel	FDP	03.08.2021 to 09.08.2021

tools and Methodologies

6	Online - 7-Days FDP on Science, Social Sciences and Humanities: A Quest for Interdisciplinary Understanding	FDP	06.08.2021 to 12.08.2021
7	3 day online workshop for phd scholar. Theme: Competency Development in Critical Thinking	WS	25.10.2021 to 27.10.2021
8	Online - 7-Days FDP on Rethinking Dr. B.R. Ambedkar's Multi-Dimensional Vision ( <i>All Disciplines</i> )	FDP	09.11.2021 to 15.11.2021
9	FDP on Sharpening Competencies in Medical Education Pedagogy ( <i>Dental, Homeopathic &amp; Ayurvedic Disciplines</i> )	FDP	24.11.2021 to 26.11.2021
10	2 Day FDP Programme Lecture, Demonstration and Hands	FDP	06.12.2021 to 07.12.2021
11	Online -7 Day FDP on Mathematical Analysis	FDP	04.01.2022 to 10.01.2022
12	Online - FDP on Information Sources and Services for Teaching, Learning and Research	FDP	01.02.2022 to 07.02.2022
13	Online - FDP on Understanding Geodiversity & Geoheritage ( <i>for all faculty members</i> ) <i>Interdisciplinary</i>	FDP	22.02.2022 to 28.02.2022
14	Online - FDP on Integrated Approaches in Biological Sciences ( <i>All faculty from Biological Sciences</i> )	FDP	22.02.2022 to 28.02.2022
15	Online - FDP on The Marginalized: Continuities and Changes ( <i>All Disciplines</i> )	FDP	02.03.2022 to 08.03.2022
16	Workshop on Research Publication: Developing a Professional Approach ( <i>For All Disciplines Faculty</i> )	WS	03.03.2022
17	Fostering the Boundries of fashion & Design	FDP	15.03.2022 to 21.03.2022
18	FDP on How to Develop a Technology ( <i>for Science &amp; Engineering faculty</i> )	FDP	05.04.2022 to 11.04.2022
19	Workshop on Office Administration & Financial Procedures ( <i>For Hostel Warden of Panjab University</i> )	WS	20.04.2022
20	FDP on Audio-Visual Methods in Research Locating Theory in Practice ( <i>All Disciplines</i> )	FDP	26.04.2022 to 02.05.2022
21	Workshop on NEP-2020 Implementation ( <i>For Chairperson of Departments of Panjab University</i> )	WS	30.04.2022
22	FDP on Intellectual Property ( <i>All Disciplines</i> )	FDP	07.05.2022 to 13.05.2022
23	FDP on Human Rights, Values & Ethics in Higher Education in India ( <i>All Disciplines</i> )	FDP	20.05.2022 to 26.05.2022
24	Workshop on Research & Publication Ethics ( <i>For Research Scholars</i> )	WS	06.06.2022 to 08.06.2022
25	FDP on NEP-2020 Ethical Paradigms in Pedagogy ( <i>All Disciplines</i> )	FDP	21.06.2022 to 27.06.2022
26	Workshop on Academic Writing ( <i>All Disciplines Research Scholars</i> )	WS	22.06.2022 to 24.06.2022

## DEPARTMENT OF ALUMNI RELATIONS

**DEAN: PROF. ANUPAMA SHARMA**

In the finest global traditions of reputed seats of learning, which cherish links with their former students for mutual pride and enrichment, the Panjab University Alumni Association (PUAA) with the Vice-Chancellor as its President, and the Dean, Alumni Relations as its Secretary, has been functioning on the University Campus since 1972.

### AIMS AND OBJECTIVES

- Foster the spirit of brotherhood and comradeship among the alumni of the University
- Disburse scholarships to the outstanding students of various disciplines of PU Raise funds for various welfare and other schemes in the University as approved by the Association
- Provide a forum for the alumni for exchange of ideas on academic, cultural and social issues of the day
- Look after the general interests of the alumni of the University
- Bring out publication for the fulfillment of the objectives of the Association
- Arrange social and cultural functions
- Open branches of the Association in various parts of the country and across the world
- Perform all other acts in furtherance of the objectives of the Association.

### MEMBERSHIP AND PRIVILEGES

The members are entitled to the following privileges:

- Accommodation in the PUAA Guest House for alumni members & staff. Alumni House has a well-maintained lawn, 10 rooms, 4 deluxe suites and a lounge with a dining hall for our alumni members and staff at concessional rates.
- Membership of the Panjab University PUAA provides various facilities like swimming pool, gym, shooting range, etc. for our alumni members
- Membership of the Panjab University Library (immediately after enrolment for patron members and superannuated alumni; five years after enrolment for other Life Members).
- Use of Alumni House lawns for various social, cultural, alumni, academic and commercial functions at concessional rates.

### Membership Fees for PUAA Membership in India and Overseas

Tariffs	Life Members/Dual Members	Patron
India	Rs. 1500	Rs. 5,00,000
Overseas	US \$ 200 or equivalent	US \$ 2000 or equivalent

Besides the Dean, Alumni Relations, the affairs of the Association are managed by an Executive Council of 30 (22 members & 8 co-opted members), accountable to the General Body consisting of all the members on the roster of the Association. At present, the following are the office bearers of the Alumni Association.

President:	Prof. Renu Vig, Vice Chancellor
Vice-President:	Dr. P.J. Singh
Secretary:	Professor Anupama Sharma
Jt. Secretary-cum-treasurer:	Dr. Tejinder Pal Singh

## ACTIVITIES

The Department of Alumni Relations, which oversees the work of the Association provides it administrative support. In addition, it undertakes to:

- Establish liaison between this and similar associations at the universities in the country and abroad
- Accept gifts, money and endowments for promotion of the objectives of the Association
- Raise various endowment funds and award stipends out of it to the deserving students on need-cum-merit basis
- Arrange get together of the alumni and social/cultural functions of the alumni
- Suggest ways and means for the participation of the Association in the working of the University
- Institute and disburse scholarships, fellowships, medals and awards, etc. to the students of the affiliated colleges and University Departments which have been donated by the alumni members.
- Send birthday greeting cards to its members to impart personal touch to the interaction with them.
- Issue Identity Cards to its members
- Establish a link with the alumni and enroll them as members
- Seek donations from alumni and potential donors for various righteous activities of the Association
- Share success stories of our alumni with our members. To the achievers, we send congratulatory letters. Before the lockdown our members used to come to our seminars, after the lockdown they have been participating in online events like video making competition, webinars, sending us articles, writing to us etc
- Maintain interactive alumni website, <https://www.alumnipuchd.org/>
- PUAA has its own You tube Channel and the members who miss out on an online event can see our lectures on our YouTube channel.
- In touch with alumni members on emails and WhatsAap group as we keep e mailing our members regularly about any updates, news, events etc, and also share the event details with Alumni members through WhatsApp Groups.
- Marinating social media page like facebook/Instragram and twitter regularly

## ATTAINMENTS DURING THE YEAR 2021-22

- **Endeavour to enroll new members and establish links with the potential donors:** In a quest to enroll new life members of the Association and to establish a link with potential donors all over the world, the Department made earnest efforts in contacting and motivating a large number of alumni during the current year. As a consequence, about 302 alumni members were enrolled as Life/ Dual members in the financial year 2021-22.
- **Award of Scholarships:** Every year PUAA organized scholarship award function and disburse scholarships to meritorious student from PU department and affiliated colleges. On 21<sup>st</sup> April 2022 PUAA disburse Scholarship and endowments as cash award and trophies with certificates to 176 toppers and 15 students were given stipend through various endowment schemes.
- **Research Promotion Grant:** In order to promote research and innovation, the Department of Alumni Relations initiated a scheme to award research grants by inviting research proposals from the PU Departments/Centres/Constituent Colleges/Affiliated Colleges/Regional Centres. During the financial year 2021-2022 Rs. 4,13,000/- (approx) was set aside for the same from financial year 2021-22. Applications for the same will be invited from Departments and affiliated colleges in due course of time.

- Donations: A Donation of Rs. 500/- was received during the financial year 2021-22.
- **Maintenance of Endowments and Disbursement of Stipends:** Every year PUAA awards stipends to the deserving students on a need-cum-merit basis and organize lecture as per the desire of the sponsors listed through various endowment schemes.

No	Name of the Stipend	No of stipends	Eligibility
1	Alumni Association-Lajwanti Bhanot-Shelly Sardana Memorial stipend	1	PG student of Dept. of Hindi, Sanskrit, PU
2	Mrs. Sushila Devi Aggarwal Stipend	3	Student of Biological Sciences
3	Shri G.L. Kohli & Smt. Indravati Kohli Memorial stipend	4	Excellence in Sports Boys (2), Girls (2)
4	Deep Chand- Lal Chand Memorial stipend	1	Student of Laws, Dept. Of Laws, PU & B.Ed. course
5	Chitranjan Mohan Sharma (Kitty) Memorial stipend	1	PG student of History, Dept. of P.U.
6	Miglani Memorial stipend	1	B.Pharm students (UIPS, PU)
7	Shri Prem Kumar Goyal & Sons Charitable Trust stipend	1	Student of M.Sc. in Bio-sciences
8	Neelam Grover Stipend	1	Student of Masters in Geography Courses in Geography Department
9	Late Dr Rajinder Pal Stipend	1	To the student standing first in M.Sc. Ist year, Department of Zoology, Panjab University, Chandigarh.
10	Late Smt. Poonam Sharma Memorial Award	1	To the student standing first in the Deptt. Of Microbial Biotechnology
11	Jasbinder & Balwant Singh Grewal Stipend	1	Student of Masters in Social Work course at the Centre for Social Work, PU
12	Pt. Puran Chand- Smt. Devki Devi Stipend	2	Student of B.Sc (Hons.) and M.Sc (Hons.), Department of Geology, PU
13	Smt. Ramla Devi & Sri. Harman Singh Dadwal Memorial Award	1	Student of B.Sc (Hons.) 3 <sup>rd</sup> year (1 <sup>st</sup> or 2 <sup>nd</sup> position) from Department of Geology, PU
14	Dr. Devinder Singh & Smt. Lakshmi Devi Memorial Award	1	Student of M.Sc 1 <sup>st</sup> year (1 <sup>st</sup> or 2 <sup>nd</sup> position) from Department of Environment Science, PU
15	Endowment fund created by Prof. M R Dua & Mr K L Wadhwa		For organizing P.P Singh Memorial Lecture once in 2 years in collaboration with Department of Communication Stu. , PU
16	Endowment fund created by Prof. Kamlesh Mohan fund		For organizing lecture on Janab Kashmiri Lal Zakir in collaboration with the Department of Hindi/English/Urdu or Punjabi once in a year

- The Panjab University Alumni Association (PUAA) in Collaboration with UIFT&VD and Centre for Human Rights and Duties organized an online webinar on the topic of “Sustainability: Everyone’s responsibility” on July 15th, 2021.
- Panjab University Alumni Association (PUAA) in collaboration with department of Sociology, Panjab University Chandigarh organized an online webinar on topic of “Diaspora Engagement in Sustainable Development” on August 16th, 2021.
- Panjab University Alumni Association (PUAA) launched a book by Panjab University illustrious alumna Dr. Anuradha Uberoi. Dr. Anuradha’s second book entitled “Chandigarh: An Anthology” is outcome of her tremendous work and is a vibrant mixture of iconic figure heads of the city, of voices from across the



generations and cultures that inhabit this city. This event was in continuation with the events organized by PUAA to celebrate the success and accomplishments of illustrious alumni of Panjab University.

- Prof. Raj Kumar Hon'ble, Vice Chancellor & President PUAA, Panjab University Chandigarh inaugurated the green house developed Alumni house Panjab University Chandigarh in presence of Sh. Satyapal Jain Ex-M.P. & Additional Solicitor General of India, Prof. Jagat Bhushan (C.O.E.), Prof. Anupama Sharma, Dean Alumni Relations, Prof. Deepti Gupta, Ex Dean Alumni, Prof. Pam Rajput, Mr. Kuldeep Kaul, Mrs. Madhu Kaul, Prof. Prashant Gautam, Prof. Sanjeev Sharma and Mr. Anil Thakur D.E. horticulture on the occasion of Independence Day 15th August 2021.
- Panjab University Alumni Association (PUAA) in collaboration with Dr. S.S. Bhatnagar University Institute of Chemical Engineering and Technology, Panjab University Chandigarh, University Institute of Engineering and Technology, Panjab University Chandigarh, and University Institute of Engineering and Technology, Hoshiarpur organized an online webinar on the occasion of Engineering's Day in the topic "Mission@ Atma Nirbhar Bharat: Engineers at the Forefront" on September 15, 2021.
- The Department of Gandhian and Peace Studies in collaboration with Panjab University Alumni Association, PU, Interdisciplinary Centre for Swami Vivekananda Studies and Department of Art History and Visual Arts, Panjab University, Chandigarh while celebrating the Jayanti of Mahatma Gandhi from 28th September, 2021 to 2nd October, 2021, on 28th September, 2021 at 03:00pm organized a special lecture on "Understanding Sardar Patel and his contributions to India" by Dr. Sanjay Joshi, Additional Collector, Government of Gujarat and Former Chief Manager of the 'Statue of Unity' Presently posted at The Lal Bahadur Shastri National Academy of Administration (LBSNAA), Mussoorie.
- The Panjab University Alumni Association (PUAA) in collaboration with the department of Interdisciplinary Centre for Swami Vivekanand Studies, Panjab University Chandigarh organized an online webinar on the topic of "Mahatma Gandhi and Aldous Huxley" on September 30, 2021.
- The Panjab University Alumni Association (PUAA) in collaboration with department of Gandhian and Peace studies, Panjab University, Chandigarh organized an online webinar on the occasion of Mahatma Gandhi birthday in the topic "Commemoration of Jayanti of Mahatma Gandhi" on October 2, 2021.
- The Panjab University Alumni Association (PUAA) in Collaboration with Dr. S.S.B. University Institute of Chemical Engineering and Technology and Panjab University Chemical Engineering and Technology alumni Association organized an online webinar in the topic of "Quest for Civilizational Identity, a person journey" on 9th October 2021.
- The Panjab University Alumni Association in collaboration with Centre for Police Administration, PU, Chandigarh organized a special lecture on 30<sup>th</sup> Nov 2021 on the topic of "Commissionerate System of Policing in Punjab", to celebrate and commemorate 75 years of Independence of India, by Sh. Naunihal Singh, IPS, Commissioner of Police, Jalandhar, Punjab.
- Panjab University Alumni Association organized an online Janab Kashmiri Lal Memorial Lecture in collaboration with Department of Urdu, PU on 23th Dec, 2021. Prof. S R. Kidwai, Secretary, Ghalib Institute of New Delhi was speaker and Prof. Akshaya Kumar, Chairperson Department of English, PU was the Chief Guest on the occasion.
- Panjab University Alumni Association released the dynamic web-portal of PUAA on 23 Feb, 2022. The significant feature of this web-portal is online web portal registration, integration with famous social platforms like Twitter and Facebook. It also host section of mentoring in Career Development of young alumni. It will also increase ranking of PU in NAAC as premier education Institute in term reach, enrollment and social perception. This event was graced by Prof Raj Kumar, Hon'ble Vice Chancellor, Prof. A.P Singh, Director General, Raj Ram Mohan Roy Library Foundation Kolkata, Prof Anupama

Sharma, Dean Alumni Relations, Prof Anju Suri, DCDC, Prof Sukbir Kaur, Fellow, Dr. Neeraj Kumar, Deputy librarian and Dr. Priyatosh Sharma.

- Panjab University Alumni Association (PUAA) in collaboration with Department of Chemistry and Dr. SSB University Institute of Engineering and Technology, Panjab University Chandigarh ,organized an online lecture on the occasion of "International Women's Day" on 7th March, 2022.
- Panjab University Alumni Association (PUAA) in collaboration with Dr. SSB University Institute of Engineering and Technology, Panjab University Chandigarh ,Celebrated "Azadi Ka Amrit Mahotsav" in the auditorium of the Department of SSB University Institute of Engineering and Technology on 11th March, 2022.
- Panjab University Alumni Association (PUAA) in collaboration with Interdisciplinary Centre for Swami Vivekananda Studies, PU organized an online webinar on the topic of 'Revisiting Our Civilization History and Why It Matters 'and book launch ceremony on March 22, 2022.
- Panjab University Alumni Association organized a virtual scholarship award ceremony on April 21, 2022 to celebrate and acknowledge the academic and extracurricular accomplishments of meritorious students, who stood first in various courses of Panjab University affiliated colleges and departments.The function also witnessed distribution of stipends under various endowment funds. Prof. Renu Vig, Dean University Instruction was the Chief Guest for the event and Prof. Jagtar Singh, Dean Students Welfare (Men) was guest of honour. The event was attended by over 150 students from colleges and university departments.
- Panjab University Alumni Association in collaboration with the Department of Psychology, Panjab University organised a virtual book launch event to launch a book named "Dear Mama: An Immigrant's Secret Cry" written by Dr.Shailja Sharma, alumna of Department of Psychology, Panjab University on the occasion of World Book and Copyright Day held on 23.04.2022.. Prof. Sudhir Kumar, Dean of Research, PU was the Chief Guest for the event. The event was also attended by the Chairperson of the Dept. of Psychology, Dr. Roshan Lal, senior faculty members from Department of Psychology, author of the book, Dr Shailja Sharma, one of the reviewer of the book, Dr.Meenakshi Mohan and over 50 professors and students from university departments.
- Panjab University Alumni Association in collaboration with the Department of Physics and Dr. SSB University Institute of Chemical Engineering and Technology, Panjab University organised a offline and virtual book launch event on 30<sup>th</sup> April, 2022 to launch a book named "Suman Beri – Higgs Boson, Top Quark and Single Top Quark – The Story of a Punjabi Woman Scientist" authored by Dr. Rajinder Singh. Prof. Renu Vig, Dean University Instruction, PU was the Chief Guest for the event.
- Panjab University Alumni Association (PUAA) in collaboration with the Department of Biophysics, Centre of Systems Biology and Bioinformatics and Central Placement Cell organized an Exert Talk on "Cardiac Stem Cell Therapy" held on 30.05.2022 by Prof. Sanjeev Dhingra who is an alumnus of the Department of Biophysics and currently working in the University of Manitoba, Canada. The talk was conducted in a blended mode and attended by more than 100 participants in both offline and online mode.

#### **ALUMNI WEBSITE:**

The PU Alumni website <https://www.alumnipuchd.org/> has been extensively revised, modified and updated under the direct link at the home page of PU site. The provision of online membership is also available. PUAA has been created own Facebook Instagram and twitter page for containing alumni information.

**BHAI GHANAIYA JI INSTITUTE OF HEALTH, PANJAB UNIVERSITY,  
CHANDIGARH**

**Staff: -**

**Presently, BGJ Institute of Health is manned by:-**

- Chief Medical Officer
- Rtd. CMO (re-employed)
- Retd. Addl. CMO (re-employed)
- Three Full Time Medical Officers on contract basis
- Part-Time Specialists (Gynecologist)
- Part Time Medical Specialist
- Part Time (Paediatrician)
- Part Time Ophthalmologist
- Part Time Ayurvedic Medical Officer
- Part Time Yoga Instructor
- Dietician
- Chief Pharmacist
- The supporting staff consists of Pharmacists-5, Sister Nurse-I, Multipurpose Workers (female)-3, (One on regular basis and One on contract), Medical Attendants-5 (Three on regular basis and Two on contract), Laboratory Technicians-2 (One on regular basis and One on contract), Laboratory Assistant-1, Cleaners (Four regular and Two contractual)-6. Besides, the office is managed by one Sr. Assistant (on regular basis) and two clerk (on contract), Drivers (Three ambulance drivers two on contract and one on regular basis 24x7x365), Three Security Guards (two on regular basis and one on contract 24x7x365).

**Regular Scheduled OPD Hours**

**Morning shift-** 8.30 am to 12.30pm (Monday to Friday)

9am to 11am (On Saturdays)

**Evening shift:** 5pm to 6pm (Monday to Friday)

**Emergency services:**

12.30 pm – 5.30pm

5.30pm-10pm

in the premises of BGJ Institute of Health

10pm – 8.30 am (next day) on call

8.30 am-8.30 am (next day)

On all Sundays/gazetted holidays- 24 hrs. on call

<b>Facilities and their timings</b>	
Yoga Classes	4 pm to 6 pm (Monday to Friday)
Pediatric OPD	4 pm to 6 pm (Monday to Friday) Room No. 18
Ophthalmologist OPD	9am to 11am on Tues, Thursday and Friday 4pm to 6pm on Mon and Wednesday
Ayurvedic OPD	4 pm to 6 pm (Monday to Friday) Room No. 18
Gynae OPD	11 am to 1 pm (Monday to Friday) Room No. 18
Medical Specialist cum Gynae OPD	9 am to 11 am (Monday to Friday) Room No. 21

**Equipments/Facilities: -**

- An X-Ray unit (Siemens) fully computerized 500mA with CR unit (Fuji) mammography compatible is functioning for the last more than five years.
- A computerized 12 channel Schillers ECG machine is operational.
- In our clinical laboratory all routine tests of haematology, serology, biochemistry and microbiology are being performed.
- There is a separate wing for testing of malaria and control of all vector borne diseases established in collaboration with the department of Health, Chandigarh Administration.
- We have stock of about 94 medicines from well reputed companies for distribution to entitled patients with annual budget of around sixty five lac per year.
- All bonafide employees and their dependents have been issued Medical Entitlement Booklets for their health record.
- As per the RNTCP (Revised National Tuberculosis Control Programme) (ATT) anti-tuberculosis drugs are provided free of cost under DOTS scheme of Govt. of India.
- Special care is being provided for senior citizens and differently-abled.
- Yoga classes are regularly held under the supervision of a qualified Yoga Instructor in Sec-14 .
- Regular health awareness lectures, seminars, workshops and celebration of national and international health days are being conducted by health experts for the welfare of students, employees and their dependents.
- Medical camps for detection of diseases of lungs, thyroid, osteoporosis, high blood pressure, diabetes, HbA1C, Cognitive Disorder, prostate diseases, Iron profile etc. are arranged throughout the year free of cost.
- Reimbursement facility is provided to the bonafide University employees (both teaching and non teaching) and their dependents.
- An ambulance service 24x7 is available free for class 'C' employees and to all the University students.

**In addition to this following measures are being taken:-**

- During Covid, our OPD services were kept functional on rotational basis for all the staff members.
- Sanitizers have been installed at multiple places.
- The BGJ Institute of Health is following all norms as issued by the Ministry of Health and Family Welfare from time to time.
- All OPD patients were attended by the staff during this period following the full Covid-19 protocols.
- Special lecture on respiratory diseases and precautions for Covid-19 were relayed online and talks on vaccination were conducted.
- Various SOP's for the benefit of employees and students are uploaded regularly.
- We are striving to address misconceptions among general public regarding Covid-19 and its vaccination.
- Vaccination centre was run for covid-19 for 18 years and above and 3<sup>rd</sup> preventive dose with a total number of 15804 vaccination.
- Wellness kits are distributed to Covid patients of sec-14 and sec-25 campus in association with GMSH-16, CH-22, and GMCH-32.
- Air purifiers of molekule are installed for decreasing the chances of spread of Covid-19 infection.
- Portal for uploading of Covid cases is also installed in collaboration with the computer centre, Panjab University.

- Tele-consultation was started and slots allotted for various doctors during Covid period.
- Sessions for decreasing mental stress among healthcare staff were conducted from time to time.
- Oxygen concentrator installed.
- Reporting of communicable diseases on online **IHIP portal** daily started as per Govt. protocols.
- Improvements in dressing room, laboratory by provision of better fully automatic equipments done.

## **CENTRE FOR IAS AND OTHER COMPETITIVE EXAMINATIONS**

### **About the Centre**

Panjab University runs an exclusive Centre for IAS and Other Competitive Examinations to help aspirants compete in various National and State Level Examinations. Over the years, the Centre has expanded its coverage in terms of providing coaching by including Competitive Examinations like IAS (Preliminary), State Judicial Services, State Civil Services, UGC (NET). The Centre is constantly looking at expanding its courses for various other Competitive Examinations Indian Economic Services, Indian Engineering Services (IES), Banking, UGC (NET) Paper-II etc.

A team of committed teachers and specialists of proven merit lend a professional edge to the Centre. Over the years, the Centre has catered to the need of students with fair degree of success.

To enhance their competitive skills, the Centre regularly organizes tests, debates, discussion, presentations, quizzes and interaction of aspirants. Electronic equipment like LCD Projector is being used during the classes. Internet facility too is available in the Centre's library.

### **The Faculty Members of this Centre are:**

Prof. Sonal Chawla : Honorary Director

Dr. Dinesh Kumar : Coordinator

### **Courses Offered**

<b>COURSES</b>	<b>SEATS</b>	<b>DURATION</b>	<b>ELIGIBILITY/ADMISSION CRITERIA</b>
IAS(Preliminary)	70	4 Months	Bachelor's Degree from any recognized University OR final year students
PCS (Judicial)	40	1 Year	Pass out/Students pursuing LL.B. (3Year) / B.A.(LL.B.) / B.Com.(LL.B.) / B.B.A(LL.B.)
PCS (Executive)	50	4 Months	Bachelor's Degree from any recognized University OR final year students
UGC (NET) Paper-I	50	1 Month	Post Graduate Degree from any recognized University OR final year students
Mock Interviews	20	-	

## CENTRE FOR INDUSTRY INSTITUTE PARTNERSHIP PROGRAMME (CIIPP)

The Centre for Industry Institute Partnership Programme (CIIPP), Panjab University, Chandigarh, was set up in 1996 as a separate entity as a self-sustaining centre on Strategic Business Unit concept. It aims to bring the industry closer to academia and vice-versa and enrich the university by providing monetary support in the form of university share received through various consultancy projects and IP-related activities.

### Consultancy/Research Projects

Sr. No.	Name of Consultant	Receipt No. & Date	Description	Amount (in Rs.)
1	Dr. Vandita Kakkar & Dr. Sandip V. Pawar, UIPS	1945 Dated: 14.07.2021	Project entitled "Formulation, development, characterization and evaluation of novel molecule" funded by Cedrus Bioproducts Ltd. Solan	₹ 2,83,200.00
2	Dr. Krishan Kumar Saluja, Dr. Naveen Aggarwal and Dr. Veenu Mangat, UIET	1947 Dated: 26.07.2021	Consultancy entitled "Design & Development of Recruitment Portal" funded by M/s. 4Technoze Ltd. Canada	₹ 961.33
3	Dr. Krishan Kumar Saluja, Dr. Naveen Aggarwal , UIET	1948 Dated: 27.07.2021	Consultancy entitled "Development of website for BG Unified Solutions" funded by M/s. B G Unified Solutions, Australia	₹ 18,290.00
4	Dr. Krishan Kumar Saluja, Dr. Naveen Aggarwal and Dr. Veenu Mangat, UIET	1950 Dated: 04.08.2021	Consultancy entitled "Design & Development of Recruitment Portal" funded by M/s. 4Technoze Ltd. Canada	₹ 20,403.11
5	Dr. Jyoti Aggarwal & Dr. Khushwinder Kaur, Deptt. of Chemistry, P. U. Chd.	1952 Dated: 17.08.2021	Consultancy project funded by M/s. Smart Edibles Company Inc. 1200 Aerowood Dr. Unit 47, Mississauga ON, Canada, LAW 2S7	₹ 6,88,921.00
6	Prof. Kanwaljit Chopra, UIPS, P.U. Chd.	1964 Dated: 02.09.2021	Payment for Industry sponsored project funded by M/s. Naysan Home Health Care	₹ 1,79,200.00
7	Dr. Rachna Singh, Microbial Biotechnology, P.U. Chd.	1970 Dated: 13.09.2021	Consultancy on - "Evaluation of antimicrobial activity" funded by Cedrus Bioproducts Ltd. Solan	₹ 62,801.00
8	Prof. Indu Pal Kaur, UIPS	1971 Dated: 21.09.2021	Consultancy project entitled- "Development and evaluation of salicyclic acid nanoformulations" funded by M/s. Hitech Formulations Pvt. Ltd. Industrial Area Phase I, Chandigarh	₹ 1,26,850.00
9	Dr. Paramjit Singh, Department of Economics, P.U. Chd.	1973 Dated: 07.10.2021	Advisory consultancy funded by SJVN Ltd. Shimla	₹ 1,37,175.00
10	Dr. Jyoti Aggarwal & Dr. Khushwinder Kaur, Deptt. of Chemistry, P. U. Chd.	1976 Dated: 21.10.2021	Consultancy project funded by M/s. Smart Edibles Company Inc. 1200 Aerowood Dr. Unit 47, Mississauga ON, Canada, LAW	₹ 1,11,321.00

11	Dr. Vandita Kakkar, UIPS, P.U. Chd.	1977 Dated: 27.10.2021	2S7 Consultancy project funded by Cedrus Bio Products Ltd.	₹ 2,30,000.00
12	Dr. Vandita Kakkar, UIPS, P.U. Chd.	1978 Dated: 30.10.2021	Consultancy project funded by Cedrus Bio Products Ltd.	₹ 50,840.00
13	Dr. Jyoti Aggarwal & Dr. Khushwinder Kaur, Deptt. of Chemistry, P. U. Chd.	1984 Dated: 29.11.2021	Consultancy project funded by M/s. Smart Edibles Company Inc. 1200 Aerowood Dr. Unit 47, Mississauga ON, Canada, LAW 2S7	₹ 94,830.00
14	Prof. Alok Srivastava, Department of Chemistry, P.U. Chd.	1985 Dated: 30.11.2021	Consultancy project funded by M/s. Texel Energy Sorage AB, Gothernburg, Sweden	₹ 1,10,543.00
15	Prof. O. P. Katare, UIPS	1988 Dated: 02.12.2021	Industry sponsored consultancy project funded by BDH Industries Ltd. Mumbai	₹ 3,05,030.00
16	Dr. Rachna Singh, Microbial Biotechnology	1991 Dated: 23.12.2021	Consultancy on - "Evaluation of antimicrobial activity" funded by Cedrus Bioproducts Ltd. Solan	₹ 1,12,938.00
17	Dr. Paramjit Singh, Department of Economics, P.U. Chd.	2007 Dated: 15.02.2022	Advisory consultancy funded by SJVN Ltd. Shimla	₹ 45,725.00
18	Dr. Ali Abbas, Urdu Department, P.U. Chd.	2009 Dated: 17.02.2022	Translation work under Individual consultancy funded by Special Director General Project Region Chandigarh Central Public Works Department	₹ 11,948.00
19	Prof. Indu Pal Kaur, UIPS, P.U. Chd.	2020 Dated: 09.03.2022	Payment for consultancy project funded by Bristol Myers Squibb Company, Princeton USA	₹ 8,76,316.00
20	Dr. Vandita Kakkar, UIPS, P.U. Chd.	2021 Dated: 17.03.2022	M/s. Cedrus Bio-Products Solan	₹ 70,000.00
21	Dr. Rachna Singh, Microbial Biotechnology	2022 Dated: 22.03.2022	M/s. Cedrus Bio-Products Solan	₹ 99,808.00
22	Dr. Gaurav Sapra, UIET, P.U. Chd.	2038 Dated: 18.05.2022	M/s. Asia Resorts Limited, National Highway-22, Parwanoo, Himachal Pradesh	₹ 1,16,000.00
23	Dr. Rachna Singh, Department of Microbial Biotechnology, P.U. Chd.	2039 Dated: 19.05.2022	Consultancy on - "Evaluation of antimicrobial activity" funded by Cedrus Bioproducts Ltd. Solan	₹ 53,839.00
24	Prof. Ranju Bansal, UIPS, P.U. Chd.	2041 Dated: 23.05.2022	M/s. Valence Labs Pvt. Ltd. Mohali	₹ 3,88,800.00
25	Dr. Vandita Kakkar, UIPS, P.U. Chd.	2054 Dated: 02.06.2022	Formulation, development, characterization and evaluation of lotion, shampoo and conditioner of a novel molecule funded by Cedrus Bio-Products Pvt. Ltd. Derabassi	₹ 1,00,000.00
26	Dr. Ravneet Kaur, Zoology Department, P. U. Chd.	2058 Dated: 13.06.2022	Technical Services for identification of an organism funded by Centrient Pharmaceuticals, Toansa	₹ 54,468.00
27	Prof. Ganga Ram Chaudhary, Director SAIF/CIL, P. U. Chd.	2060 Dated: 16.06.2022	Consultancy project on the validation study for effluent treatment technology for Pharmaceutical Industry in their	₹ 11,45,664.00



			Common Effluent Treatment Plant (CETP) funded by Baddi Barotiwala Nalagarh Industries Association (BBNIA), Baddi Formulation, development, characterization and evaluation of lotion, shampoo and conditioner of a novel molecule funded by Cedrus Bio-Products Pvt. Ltd. Derabassi	
28	Dr. Vandita Kakkar, UIPS, P.U. Chd.	2062 Dated: 19.06.2022		₹ 7,000.00
<b>Total</b>				<b>₹ 55,02,871.44</b>

**Training Programme/Technical Services and Other Sources**

Sr. No	Name of Consultant	Receipt No. & Date	Description	Amount (in Rs.)
1	Prof. Indu Pal Kaur, UIPS	1944 Dated: 05.07.2021	08 Particle	₹ 1,172.00
2	Prof. Indu Pal Kaur, UIPS	1946 Dated: 15.07.2021	02 Zeta 01 Particle	₹ 1,140.00
3	Prof. Indu Pal Kaur, UIPS	1949 Dated: 03.08.2021	01 Zeta 07 Particle	₹ 2,376.00
4	Prof. Indu Pal Kaur, UIPS	1951 Dated: 13.08.2021	01 Zeta 07 Particle	₹ 4,326.00
5	Prof. Indu Pal Kaur, UIPS	1953 Dated: 18.08.2021	01 Particle Size and 01 Zeta	₹ 618.00
6	Prof. Indu Pal Kaur, UIPS	1956 Dated: 26.08.2021	02 Zeta 03 Particle	₹ 1,529.00
7	Prof. Indu Pal Kaur, UIPS	1957 Dated: 26.08.2021	01 Particle	₹ 293.00
8	Prof. Indu Pal Kaur, UIPS	1958 Dated: 26.08.2021	01 Zeta	₹ 325.00
9	Prof. Indu Pal Kaur, UIPS	1959 Dated: 27.08.2021	07 Zeta 07 Particle	₹ 4,326.00
10	Prof. Indu Pal Kaur, UIPS	1960 Dated: 27.08.2021	01 Zeta 01 Particle	₹ 618.00
11	Prof. Indu Pal Kaur, UIPS	1961 Dated: 27.08.2021	03 Zeta 03 Particle	₹ 1,854.00
12	Prof. Indu Pal Kaur, UIPS	1962 Dated: 27.08.2021	02 Zeta 02 Particle	₹ 1,236.00
13	Prof. Indu Pal Kaur, UIPS	1963 Dated: 27.08.2021	01 Zeta	₹ 325.00
14	Prof. Indu Pal Kaur, UIPS	1965 Dated: 07.09.2021	01 Particle	₹ 293.00
15	Prof. Indu Pal Kaur, UIPS	1966 Dated: 09.09.2021	08 Particle	₹ 3,150.00
16	Prof. Indu Pal Kaur, UIPS	1967 Dated: 09.09.2021	2 Particle	₹ 586.00
17	Prof. Indu Pal Kaur, UIPS	1968 Dated: 09.09.2021	04 Zeta	₹ 1,300.00
18	Prof. Indu Pal Kaur, UIPS	1969 Dated: 10.09.2021	01 Particle 01 Zeta	₹ 1,234.00
19	Prof. Indu Pal Kaur, UIPS	1972 Dated: 01.10.2021	02 Particle 02 Zeta	₹ 1,236.00
20	Prof. Indu Pal Kaur, UIPS	1974 Dated: 12.10.2021	15 Particle	₹ 5,250.00
21	Prof. Indu Pal Kaur, UIPS	1975 Dated: 12.10.2021	15 Particle	₹ 5,250.00
22	Prof. Indu Pal Kaur, UIPS	1979 Dated: 15.11.2021	09 Particle	₹ 2,637.00
23	Prof. Indu Pal Kaur, UIPS	1980 Dated: 24.11.2021	02 Particle	₹ 586.00
24	Prof. Indu Pal Kaur, UIPS	1981 Dated: 24.11.2021	02 Zeta	₹ 650.00
25	Prof. Indu Pal Kaur, UIPS	1986 Dated: 02.12.2021	03 Zeta	₹ 975.00
26	Prof. Indu Pal Kaur, UIPS	1987 Dated: 02.12.2021	06 Zeta	₹ 1,950.00
27	Prof. Indu Pal Kaur, UIPS	1989 Dated: 06.12.2021	01 Particle	₹ 293.00
28	Prof. Indu Pal Kaur, UIPS	1990 Dated: 10.12.2021	01 Particle 01 Zeta	₹ 740.00
29	Prof. Indu Pal Kaur, UIPS	1992 Dated: 28.12.2021	07 Particle	₹ 2,450.00

30	Prof. Indu Pal Kaur, UIPS	1993 Dated: 05.01.2022	03 Zeta	₹ 975.00
31	Prof. Indu Pal Kaur, UIPS	1994 Dated: 06.01.2022	02 Particle 02 Zeta	₹ 1,236.00
32	Prof. Indu Pal Kaur, UIPS	1995 Dated: 06.01.2022	17 Particle	₹ 5,950.00
33	Prof. Indu Pal Kaur, UIPS	1996 Dated: 07.01.2022	4 Particle	₹ 1,400.00
34	Prof. Indu Pal Kaur, UIPS	1997 Dated: 07.01.2022	01 Particle 01 Zeta	₹ 618.00
35	Prof. Indu Pal Kaur, UIPS	1998 Dated: 12.01.2022	01 Particle 01 Zeta	₹ 618.00
36	Prof. Indu Pal Kaur, UIPS	1999 Dated: 18.01.2022	16 Particle	₹ 5,600.00
37	Prof. Indu Pal Kaur, UIPS	2000 Dated: 18.01.2022	02 Particle 01 Zeta	₹ 1,819.00
38	Prof. Indu Pal Kaur, UIPS	2001 Dated: 20.01.2022	01 Zeta	₹ 325.00
39	Prof. Indu Pal Kaur, UIPS	2002 Dated: 20.01.2022	01 Particle	₹ 293.00
40	Prof. Indu Pal Kaur, UIPS	2003 Dated: 02.02.2022	01 Particle 01 Zeta	₹ 618.00
41	Prof. Indu Pal Kaur, UIPS	2004 Dated: 02.02.2022	01 Particle	₹ 293.00
42	Prof. Indu Pal Kaur, UIPS	2005 Dated: 10.02.2022	08 Particle	₹ 2,800.00
43	Prof. Indu Pal Kaur, UIPS	2006 Dated: 14.02.2022	02 Particle 02 Zeta	₹ 1,480.00
44	Prof. Indu Pal Kaur, UIPS	2008 Dated: 17.02.2022	01 Particle	₹ 350.00
45	Prof. Indu Pal Kaur, UIPS	2010 Dated: 21.02.2022	01 Particle	₹ 350.00
46	Prof. Indu Pal Kaur, UIPS	2011 Dated: 23.02.2022	02 Particle 02 Zeta	₹ 1,236.00
47	Prof. Indu Pal Kaur, UIPS	2012 Dated: 23.02.2022	02 Particle	₹ 586.00
48	Prof. Indu Pal Kaur, UIPS	2013 Dated: 23.02.2022	01 Particle 01 Zeta	₹ 618.00
49	Prof. Indu Pal Kaur, UIPS	2014 Dated: 23.02.2022	02 Zeta	₹ 650.00
50	Prof. Indu Pal Kaur, UIPS	2015 Dated: 24.02.2022	02 Particle 02 Zeta	₹ 1,236.00
51	Prof. Indu Pal Kaur, UIPS	2016 Dated: 02.03.2022	02 Particle	₹ 586.00
52	Prof. Indu Pal Kaur, UIPS	2017 Dated: 02.03.2022	02 Particle 02 Zeta	₹ 1,236.00
53	Prof. Indu Pal Kaur, UIPS	2018 Dated: 08.03.2022	01 Particle 01 Zeta	₹ 618.00
54	Prof. Indu Pal Kaur, UIPS	2019 Dated: 09.03.2022	06 Zeta	₹ 1,950.00
55	Prof. Indu Pal Kaur, UIPS	2023 Dated: 24.03.2022	01 Particle 02 Zeta	₹ 1,883.00
56	Prof. Indu Pal Kaur, UIPS	2024 Dated: 30.03.2022	06 Particle	₹ 2,100.00
57	Prof. Indu Pal Kaur, UIPS	2025 Dated: 06.04.2022	06 Particle Size	₹ 2,100.00
58	Prof. Indu Pal Kaur, UIPS	2026 Dated: 08.04.2022	01 Particle Size	₹ 293.00
59	Prof. Indu Pal Kaur, UIPS	2027 Dated: 13.04.2022	02 Zeta Potential	₹ 650.00
60	Prof. Indu Pal Kaur, UIPS	2028 Dated: 20.04.2022	04 Particle Size	₹ 1,400.00
61	Prof. Indu Pal Kaur, UIPS	2029 Dated: 28.04.2022	01 Particle Size	₹ 293.00
62	Prof. Indu Pal Kaur, UIPS	2030 Dated: 10.05.2022	02 Zeta Potential	₹ 650.00
63	Prof. Indu Pal Kaur, UIPS	2031 Dated: 11.05.2022	06 Particle Size	₹ 2,100.00
64	Prof. Indu Pal Kaur, UIPS	2032 Dated: 11.05.2022	03 Particle Size	₹ 1,050.00
65	Prof. Indu Pal Kaur, UIPS	2033 Dated: 11.05.2022	03 Particle Size	₹ 879.00
66	Prof. Indu Pal Kaur, UIPS	2034 Dated: 12.05.2022	02 Particle Size	₹ 700.00
67	Prof. Indu Pal Kaur, UIPS	2035 Dated: 12.05.2022	01 Zeta Potential	₹ 325.00
68	Prof. Indu Pal Kaur, UIPS	2036 Dated: 14.05.2022	02 Particle Size	₹ 700.00
69	Prof. Indu Pal Kaur, UIPS	2037 Dated: 18.05.2022	02 Particle Size	₹ 700.00
70	Prof. O. P. Katare, UIPS, P.U. Chd.	2040 Dated: 19.05.2022	M/s. IPCA Foundation Mumbai payment received under CSR	₹ 7,04,000.00

			activities for research	
71	Prof. Indu Pal Kaur, UIPS	2042 Dated: 25.05.2022	02 Particle Size	₹ 700.00
72	Prof. Indu Pal Kaur, UIPS	2043 Dated: 25.05.2022	01 Zeta Potential	₹ 325.00
73	Prof. Indu Pal Kaur, UIPS	2044 Dated: 25.05.2022	01 Particle Size and 01 Zeta Potential	₹ 740.00
74	Prof. Indu Pal Kaur, UIPS	2045 Dated: 25.05.2022	01 Particle Size and 01 Zeta Potential	₹ 740.00
75	Prof. Indu Pal Kaur, UIPS	2046 Dated: 25.05.2022	01 Particle Size and 01 Zeta Potential	₹ 740.00
76	Prof. Indu Pal Kaur, UIPS	2047 Dated: 23.05.2022	01 Particle Size and 01 Zeta Potential	₹ 740.00
77	Prof. Indu Pal Kaur, UIPS	2048 Dated: 23.05.2022	01 Particle Size and 01 Zeta Potential	₹ 740.00
78	Prof. Indu Pal Kaur, UIPS	2049 Dated: 01.06.2022	04 Zeta Potential	₹ 1,300.00
79	Prof. Indu Pal Kaur, UIPS	2050 Dated: 01.06.2022	16 Particle Size	₹ 5,600.00
80	Prof. Indu Pal Kaur, UIPS	2051 Dated: 01.06.2022	04 Particle Size and 04 Zeta Potential	₹ 2,960.00
81	Prof. Indu Pal Kaur, UIPS	2052 Dated: 01.06.2022	01 Particle Size 01 Zeta Potential	₹ 618.00
82	Prof. Indu Pal Kaur, UIPS	2053 Dated: 01.06.2022	06 Particle Size	₹ 2,100.00
83	Prof. Indu Pal Kaur, UIPS	2055 Dated: 07.06.2022	03 Particle Size 04 Zeta Potential	₹ 2,450.00
84	Prof. Indu Pal Kaur, UIPS	2056 Dated: 10.06.2022	07 Zeta Potential	₹ 2,275.00
85	Prof. Indu Pal Kaur, UIPS	2057 Dated: 10.06.2022	01 Particle Size 01 Zeta Potential	₹ 740.00
86	Prof. Indu Pal Kaur, UIPS	2059 Dated: 14.06.2022	01 Zeta Potential	₹ 390.00
87	Prof. Indu Pal Kaur, UIPS	2061 Dated: 18.06.2022	02 Particle Size	₹ 700.00
88	Prof. Indu Pal Kaur, UIPS	2063 Dated: 22.06.2022	04 Zeta Potential 04 Particle Size	₹ 2,960.00
<b>Total</b>				<b>₹ 8,28,800.00</b>

**Licensing of Intellectual Property**

Sr. No.	Name of Consultant	Receipt No. & Date	Description	Amount (in Rs.)
1	Prof. Prince Sharma, Department of Microbiology, P.U. Chd.	1954 Dated: 20.08.2021	Payment of Royalty from M/s. New England Biolabs Inc. USA for the period 01.01.2019 to 31.12.2019	₹ 29,362.29
2	Prof. Prince Sharma, Department of Microbiology, P.U. Chd.	1955 Dated: 20.08.2021	Payment of Royalty from M/s. New England Biolabs Inc. USA for the period 01.01.2020 to 31.12.2020	₹ 18,118.29
3	Dr. Vandita Kakkar, UIPS, P.U. Chd.	1982 Dated: 29.11.2021	Final/Balance Payment received for Technology Transfer entitled "Topical nanoformulations (s) of tetrahydrocurcumin" from M/s. Hitech Formulations Pvt. Ltd.	₹ 2,36,000.00
<b>Total</b>				<b>₹ 2,83,480.58</b>

**Patent Filed**

<b>Sr. No.</b>	<b>Name</b>	<b>Title</b>	<b>Application No.</b>	<b>Applicant(s)</b>
1.	Gaurav Verma Avneet Saini Shubhi Joshi Deeksha Sharma	Process and development of nano-bio composite anti-bacterial additive for commercial paint production	202211011934	Panjab University
2.	Joseph L Mathew Manu Sharma Amit Thakur	A pressure and volume-controlled ventilator device and a method of controlling thereof	202211032696	Panjab University, Joseph L Mathew
3.	Prashant Jindal Mamta Juneja Deval Pareek Aarushi Sharma Abhipriya Bhattacharya Shreerama Bharadwaja Sai Shiva Keshav Totla Ishank Bansal Shubham Singh Deepanshu Chander	Active Transradial Bionic Prosthetic Arm	202211030357	Panjab University
4.	Gaurav Verma Rajeev Nath Tiwari Suresh Kumar Dharamvir Keya	Surface Modification Of Steel With Nanomaterials For Minimization Of Scaling And Corrosion In Industrial Heat Exchangers	202111034012	Panjab University
5.	Om Prakash Katare	Non-Invasive Formulation Of Pth 1-34 (Teriparatide) For Treatment Of Osteoporosis	202211006236	Panjab University
6.	Gargi Ghoshal Jaspreet Kaur	Cissus Quadrangularis Loaded Novel Lipidic Nanof ormulation For Osteoporosis	202211027138	Panjab University
7.	Nishima Wangoo O.P. Katare Rohit K. Sharma Kavita Bansal	Water dispersible hydrophobic drug delivery system and method of preparation thereof	202111038307	Panjab University

**Patent Granted**

<b>Sr. No.</b>	<b>Name</b>	<b>Title</b>	<b>Application No.</b>	<b>Patent Grant no.</b>
1	Gurpreet Kaur Preeti Garg Bunty Sharma Kanika Berwal Ganga Ram Chaudhary	Formulation comprising metallocatanionic vesicles encapsulating photosensitizer dye	201911035464	388712
2.	Uma Batra Seema Kapoor	Improved calcium orthophosphate for biomedical applications and method thereof	201811030244	372098
3.	Surinder Kumar Mehta Rohini Kanwar	Sophorolipid based nanostructured lipid carriers targeted for drug	201711015371	371059

		delivery purposes		
4.	Vasisht Karan Kunal Chadha Maninder Karan Renu Chadha Yashika Bhalla Sanjay Mandal	Cocrystals of naringenin	201711008153	377984
5.	Ranjana Bhandari Anurag Kuhad Jyoti K Paliwal	Nanoparticle Hydrogel Composition For The Treatment Of Neuropathic Pain	2021105266	A61K31/195  (First IPC Mark)
6.	Vandita Kakkar Indu Pal Kaur Komal Saini	Topical nanoformulation of tetrahydrocurcumin (thc)	201711028760	381031

## CENTRE FOR SKILL DEVELOPMENT & ENTREPRENEURSHIP

The Centre for Skill Development & Entrepreneurship aims to promote skill development of the students and facilitating Industry exposure of Student/Faculty and also to inculcate among students the skill which can be the key to competitiveness in the corporate world.

**Vision:** Envision Panjab University as the ultimate in skill development and nurturing entrepreneurial Skill.

**Mission:** Ensure employability through industry development by developing necessary mechanism to bridge skill gaps and fostering new startups.

### Objectives:

- Facilitate students understand their latent skill.
- Align the skill of students with the career of their choice.
- Map the skill of the students with the changing paradigm of employment.
- Promote Industry Linkage of Faculty through joint workshop/ visits.
- Inculcate a spirit of Entrepreneurship and to enhance creativity and innovation among student.
- Provide mentorship and guidance to students through Alumni Association.

### Staff:

Name	Mobile No.	E-mail Id
Harish Kumar, Honorary Director	9815964121	csde@pu.ac.in
Deepti Gupta, Honorary Coordinator	9815602090	deepti.el@gmail.com
Manu Sharma, Honorary Coordinator	9888509778	manu@pu.ac.in
Amandeep Singh Marwaha, Coordinator	9216411414	amanps@hotmail.com

### Adjunct Faculty

Prof. Deepak Kapoor, UBS	9417006837	dkapur@pu.ac.in
Prof. Sanjeev Sharma, UIAMS	9814487217	sksharma@pu.ac.in
Prof. Gunmala Suri, UBS	9463966834	g_suri@pu.ac.in

### Activities during the 2021-2022 Academic Year:

- One-month online course on *Deep Learning* under the Capacity Building and Research Entrepreneurship Centre, sanctioned by the Ministry of Electronics and Information Technology, Government of India, was held from June 21-July 21, 2021, at Panjab University.
- Ongoing Research Project titled *Capacity Building and Research Entrepreneurship Centre in Artificial Intelligence, Big Data and IoT for SC/ST* by the Ministry of Electronics and Information Technology, Government of India, worth Rs.72.94 lakhs (April 2020- March 2023).
- The Skill Development Board approved the syllabus and scheme of the *Master of Vocation (Fashion Technology and Apparel Design)* to be offered by the Panjab University affiliated colleges.

## Dr. A.P.J. ABDUL KALAM COMPUTER CENTRE

### Faculty/Staff Positions

<i>Director</i>	Tankeshwar Kumar, Ph.D (On Leave) Sukhwinder Singh, Ph.D (Additional Charge)
<i>System Administrator</i>	Guldeep Singh, M.Sc. (Maths), M.Sc. (Comp. Sc.) Neelam Verma, M.E. (CSE) Mamta, M.E. (CSE)
<i>Programmer</i>	Balram Sooden, M.Tech. (CSE) Bhawan Chander, MCA (On Contract) Deepak Rakheja, B.E (CSE) (On Contract)
<i>Sr Technical Officer</i>	Amit Malhotra, M.Sc. (Physics)
<i>Technical Officer</i>	Ajay Sharma, B.Tech. (Mechanical)

During the period July 1, 2021 to June 30, 2022, the Computer Centre, a service unit of Panjab University, continued to undertake and perform a variety of time-bound activities/services as listed below

- **Web Server(s):** Computer Centre has its own web servers for hosting huge information about the university. The contents on the website were uploaded and updated on a day-to-day basis. Each academic and administrative department has been assigned authorization to manage the contents. The data-driven website hosts huge information about departments, courses, staff, faculty, students, research scholars, examination results, forms, and telephone directory etc.
- **Campus Network & Internet Services:** The Centre provided 24×7 Internet facility to its faculty, staff, officers, researchers, and students. Whole campus is connected with the Fiber network and includes all academic departments, centers, all administrative buildings, all hostels, health center and guest houses. Wide Area Connectivity to the university campus was provided through two wide area network links of 10Gbps (NKN) and 1Gbps (NME-ICT). The Centre provides Internet connection for more than 4000 nodes and more than 16000 Wi-Fi users.
- **Email Services:** The Centre offered in-house secure email services to all faculty, staff, research scholars, and postdoctoral fellows for official communication through email. Web mail services can be accessed within as well as outside the Panjab University network.
- **Wi-fi Services:** The Centre provided Wi-Fi services to Sector 14 and Sector 25 covering academic & administrative blocks, guest houses and hostels. Two Aruba 7240 mobility controller were deployed in the Computer Centre to manage the Wi-Fi services in Panjab University. More than 1200 indoor and outdoor access points were deployed in various locations backed by OFC and UTP connectivity for network services.
- **Online meetings and Webinars:** The Centre provided support and training to conduct Webinars, Online meetings, video-conferencing, and meetings in Hybrid Mode.
- **G-Suite for Online Classes:** The Centre provided G-Suite accounts to Faculty and Staff for online classes and other Academic Activities.

- **Webcast:** This service was deployed for university functions such as convocation, guest lectures, special lectures by distinguished dignitaries, and other events. Recordings of all the previously held events are available at [webcast.pu.ac.in](http://webcast.pu.ac.in).
- **Online Admissions:** The Centre developed portals for admissions to various UG, PG, and Professional Courses thus facilitating the online collection of students' data. In addition to admissions, websites were developed/maintained for inviting online application forms for various Entrance Tests conducted by the Panjab University such as CET (UG), CET (PG), BA/BCom LLB (UG Law), PG Law,Ph.D., PUTHAT, MBA (Executive) at USOL, UIAMS (MET), PULEET&B.Ed. (Chandigarh) Entrance Test.
- **Virtual Classroom:** The facility of Virtual Classroom supported by NKN connectivity with IITs, IISER was provided the Centre.
- **Application Software Support:** The staff of the Centre supported the university administration by developing web applications, restructuring the activities related to online fees, online admissions, telephone directory, complaints management system, Hostel Management System etc.
- **Procurement Services:** Computer Center provided help to various departments in deciding the specifications of various IT equipment.



## COMPUTER UNIT, ARUNA RANJIT CHANDRA HALL

### Achievements:

1. Online Conduct of Examinations during COVID-19 i.e <https://online.puexam.in/> for downloading of question paper date wise. Facility for uploading of Answer sheet paper wise through Google forms.
2. **Conduct and Result Preparation of Environment Education Examination – Objective/MCQ format ONLINE through Google Forms** of 70,000 students approximately.
3. Registration on [NAD.Digilocker.gov.in](http://NAD.Digilocker.gov.in) for Online availability of academic awards of PU students on [NAD.Digilocker.Gov.in](http://NAD.Digilocker.Gov.in)
4. Registration on Academic bank of credits for generation of ABC Id's of PU students on [NAD.Digilocker.gov.in](http://NAD.Digilocker.gov.in).
5. Online Availability of Examination Fee Performa of Colleges on UG and PG Examination web portal for Accounts Branch including examination fees Receipts with details of Students and their Examination fees along with all Examination related documents for consolidation and verifications.
6. Normalization of Examination Fees for EWS category on UG and PG Examination web site.
7. Integration of Online Payment Gateway in all Examination web sites.

## **DIRECTORATE OF SPORTS, PANJAB UNIVERSITY, CHANDIGARH**

The faculty members of this Directorate are:-

Prof. Prashant Kumar Gautam	Director, Physical Education & Sports
Dr. Dolly	Deputy Director of Physical Education (Campus Sports)
Dr. Rakesh Malik	Deputy. Director of Physical Education

The Directorate of Sports, Panjab University was set up in the year 1948. There are 200 men, women, co-educational & Educational College affiliated to the University. Panjab University Sports Committee has been formed to guide, frame policy and co-ordinate the sports activities. In order to encourage sports activities of the rural and small colleges, the Directorate has divided the affiliated colleges into 'A', 'B' and 'C' Divisions, according to the strength of students so that the balance be maintained between rural and urban colleges. Directorate of Sports functions under the overall control and supervision of **University Director of Physical Education & Sports**.

The Directorate of Sports is located in the Panjab University **Jawahar Lal Nehru Complex Building (Gymnasium Hall)**. This complex has a magnificent air conditioned gymnasium hall for in-door games with international standard facilities and equipment for Badminton, Table-Tennis, Kabaddi (NS), Weight Lifting, Judo, Wrestling and Taekwondo. A separate fitness centre for men and women and a well equipped physiotherapy laboratory has also been established in the gymnasium hall. A swimming pool of international dimension available in the university campus which is used for all the swimming competitions held in this city and an All Weather Swimming Pool is also available in the University Campus.

Directorate of Sports has its own two sports hostels for Men & Women to accommodate the sports persons who come to participate in the inter-college and inter-university competitions. These hostels have a three storey building to accommodate about 200 men and 300 women players with eight official rooms.

Directorate of Sports has its own 10 M. Indoor Shooting Range of International Standard i.e. Captain Vikram Batra Panjab University Shooting Range.

Directorate of Sports has also its own Hockey Astroturf ground for conducting Inter College/ Inter University

### **AIM:- Excellence in Sports.**

The main objective of the Directorate of Sports is to foster sportsman spirit inculcating sense of discipline, co-operation, social harmony, integrity and fitness among the players. Directorate of Sports feels concerned about the health and fitness of Panjab University employees also and organizes a physical fitness festival for them every year. Employees participate in games like Football, Volleyball, Table-Tennis, Badminton, Cricket, Tug of War and Athletics. The participants in of the University employees are always encouraging. It has proved to be a very useful scheme for the university employees.

The latest and modern equipments for all the games are available for the use of the University players. The Directorate of Sports **organized two All India Inter University (M&W) Championships for the session 2022-23 i.e Rowing and Kayaking & Canoeing.**

**Outstanding sports persons are given financial concessions, Free education (no fee will be charged except examination fees), Free hostel accommodation shall be allotted and special seats will be reserved in hostels for above mentioned category of sportspersons (No hostel fee or any other charges and exemption of**

mess and canteen charges maximum upto Rs. 3500/- only) and Free swimming Pool, Gym Facility, Tennis, Shooting and Physiotherapy. Merit scholarships are also awarded to such persons. Players of all the teams representing P.U. Campus in the inter-college competitions are given uniforms (free of cost) & refreshments during coaching camp to encourage more participation in the sports competitions.

5% seats are reserved for sportspersons in the teaching departments. Students admitted under this category are required to attend the grounds regularly, failing which their admission is liable to be cancelled from the department. It has been done to encourage more participation among the campus students.

#### **Infrastructural and other Facilities in the Directorate of Sports**

Directorate of Sports functions under the overall supervision of Director of Physical Education & Sports. The Directorate has the following spacious and lush green playgrounds within the University Campus:-

1. 400 meters grassy athletic track (8 lanes)
2. Two Basketball cemented courts of International standard (with flood lights)
3. Four Volleyball Courts
4. One Hockey ground
5. Two Football grounds
6. Two Handball Courts
7. Two Kho-Kho Courts
8. Two Kabaddi Courts
9. Three Softball grounds
10. Two Cricket grounds
11. One Netball ground
12. One Korfbal ground
13. i) Two Synthetic Lawn Tennis courts  
ii) Eight Grassy Lawn Tennis Courts  
iii) One Cinder Lawn Tennis Court
14. Swimming Pool
15. All weather Swimming Pool
16. 10 M. Shooting Range (Centrally A.C.)
17. One Hockey Astro turf Ground

The outstanding sports persons who bring honour to the University are given incentives and cash awards.

Directorate of Sports always helps the Chandigarh Administration, U.T. Sports department and other sports agencies in the conduct of national and international level competitions in various games.

The main objective of the Directorate of Sports is to foster sportsmen spirit, discipline, co-operation, honesty, integrity and fitness among the players.

## **INTERNAL QUALITY ASSURANCE CELL (IQAC), ARUNA RANJIT CHANDRA HALL**

Internal Quality Assurance Cell (IQAC) was established in Panjab University as a post-accreditation quality sustenance and enhancement measure. Its main function is to submit data of Panjab University to NAAC and National & International Ranking Agencies. IQAC has developed and successfully implemented Information Resource Book (IRB) Portal which is an innovative way to collect and organize information from various departments and regional centres of Panjab University. The portal is structured and designed in such a way that it fulfills requirements of various NAAC parameters and other ranking frameworks. This software also helps IQAC to capture, analyse and compile data of Panjab University for further submission to NAAC, NIRF, AISHE, AQAR, AIU, Times Higher Education, and various other ranking agencies. This software has economically benefitted the university in terms of time, quality data collection and updation of data with efficiency. This IRB portal is regularly updated as per revised guidelines of NAAC and other ranking frameworks. The university departments are regularly made aware of the revised and future requirements of data and documentation so as to maintain quality data on a routine basis. As a part of quality enhancement, IQAC is working for quality maintenance of University through collecting Feedback from different stakeholders, Academic & Administrative audit, Self-Appraisal report of the Faculty and enhancement of other quality parameters as set by NAAC from time to time.

IQAC maintains its exclusive website in which NAAC reports, AQARs, Evaluative Reports, Annual Reports, NIRF reports, MoUs, Minutes of meetings, News & Events of IQAC, and many other such useful reports have been uploaded.

### **ACTIVITIES/ACHIEVEMENTS**

- Submitted Annual Quality Assurance Report (AQAR) for the year 2020-21.
- Submitted data for Times Higher Education Rankings 2022.
- Submitted data for National Institutional Ranking Framework (NIRF) 2022.
- Submitted data for Atal Ranking of Institutions on Innovation Achievements (ARIIA) 2022. University has been placed at 1st rank in Atal Ranking of Institutions on Innovation Achievements (ARIIA)-2021 in category of University & Deemed to be University (Govt. & Govt. Aided) (Technical).
- Submitted data for QS World University Rankings 2023.

### **STAFF POSITIONS**

Director:	Prof. Sanjeev Sharma (M. Sc. (Hons.), MBA, LLB, (PhD)
Associate Director:	Prof. Anuradha Sharma (Ph.D)
System Administrator:	Dr. Monika Rani (B.Tech, M.Tech, PhD, GATE)
Sr. Programmer:	Dr. Sudhir Goyal (Ph.D, M.C.A.), Dr. Veenu Mor (Ph.D, M.Tech. (Computer Science), UGC-NET, GATE)
Assistant programmers:	Er. Amardeep Singh, Ms. Baljeet Rani
Clerk:	Mr. Davinder Singh
Peon:	Ms. Kamla

## DEPARTMENT OF NSS, PANJAB UNIVERSITY, CHANDIGARH

This year the NSS Department enrolled 1300 Volunteers. The Department is catering to the needs of the affiliated colleges of P.U. (Punjab and Chandigarh) NSS Units.

### Achievements:

- A Cleanliness cum Plantation Drive was launched on 12.07.2021 at Palm Garden by Department of NSS in collaboration with Horticulture division of Panjab University. Prof. Ashwani Koul, Programme Coordinator, NSS, PU at the outset thanked Prof. Raj Kumar, Hon'ble Vice Chancellor, PU for his able guidance and untiring support for such initiatives. Prof. Koul shared about the present drive for the maintenance and upkeep of all parks and gardens of Panjab University. Programme Officers inspired the participants to maintain cleanliness in surroundings and made about volunteers learn about importance of cleanliness and personal hygiene in their lives. The event was attended by all Programme Officers, NSS volunteers and staff of Horticulture division. Keeping Covid appropriate behaviour into consideration, the samplings of various varieties of palm were planted at palm garden by Prof. Koul and his team followed by a cleanliness drive. Dr. Naveen Kumar, Programme officer proposed a vote of thanks and mentioned the overwhelming support of Prof. Raj Kumar, Hon'ble Vice- Chancellor, PU and Prof. Koul, Programme Coordinator, NSS, PU. The efforts of Programme Officers, Horticulture division, and student volunteers' team of Sahil K Sharma, Akansha Sharma, Vishal Saini, and Colonel Ravinder Bobby were recognized and well appreciated.
- A Cleanliness cum Plantation Drive was launched on 14.07.2021 at a park near Mori Gate, Sector-14, Chandigarh by the Department of NSS in collaboration with Horticulture Division of Panjab University (PU). Prof. Ashwani Koul, Programme Coordinator, NSS, at the outset, thanked Prof. Raj Kumar, Vice Chancellor, PU for his able guidance and untiring support for such initiatives. Prof. Koul shared his vision of a clean and beautiful environment and later supported it with the present drive for the maintenance and upkeep of all parks and gardens of PU. Programme officers inspired the participants to maintain cleanliness in surroundings and urged the volunteers to propagate about importance of cleanliness and personal hygiene in their lives. Influenced by this, NSS Volunteers along with other children from neighboring areas dedicated their efforts in the drive and pledged to keep their city clean. The event was attended by all programme officers, NSS volunteers and staff of Horticulture division. Keeping covid appropriate norms into consideration, the samplings of various varieties of trees and plants were planted at a park near Mori Gate, Sector-14, Chandigarh by Prof. Koul and his team. The Programme officers proposed a vote of thanks. The efforts of everyone who dedicated in making this drive a success was recognized and well appreciated with a promise in heart to keep our City Clean and Green.
- National Service Scheme (NSS), Panjab University, Chandigarh in association with Horticulture Division and Girls Hostel No. 5, Panjab University organised a "Cleanliness cum Plantation Drive" on 16<sup>th</sup> July, 2021 in the Park between Girls Hostel No. 1 and 2, Sec-14, Panjab University, Chandigarh. Dr. Naveen Kumar said that Cleanliness is must during these tough times of pandemic. Dr. Nidhi Gautam added by saying that taking care of plants is also much important for all of us. The drive was organised following the Covid protocol and safety measures were also taken care. Different kinds of trees were planted by the staff with great enthusiasm. It was a great experience organized under the guidance of Prof. Ashwani Koul along with the help of other staff member. Dr. Naveen Kumar, Dr. Amita Verma, Dr. Sucha Singh, Dr. Anuj Gupta, Dr. NidhiGautam, NSS Volunteers and staff of Girls Hostel No.5 participated and contributed in a team for the successful conduct of the drive. Also, the drive was a huge success due to the efforts of the Student Coordinators: Sahil Kumar Sharma, Akansha Sharma, Vishal Saini and Colonel RavinderBobby. This was a great opportunity as well as initiative by Panjab University to inculcate the cleanliness habit among the citizens and informing them that nature shouldn't be taken for granted and must be respected for it's values.
- Cleanliness cum Plantation Drive was launched at Prof R C Paul Rose Garden, Sector-14, Chandigarh by the Department of NSS on 19.07.2021. Dr. Gaurav Gaur, Dr. Tilak Raj, Dr. Sucha Singh participated and contributed in a team for the successful conduct of the drive.
- Planting trees is one of the most effective ways to make the environment a greener, more vibrant, and healthier place. Trees are necessary for the survival of almost every living creature on our planet. Keeping this in mind Department of NSS in association with Boys Hostel-2, and Horticulture Division, Panjab University organized a cleanliness and tree plantation drive at Park opposite T-II type houses, Sector 25,

Panjab University, Chandigarh at 10: 30 am on 22.07.2021. Anil Thakur, Divisional Engineer, Dr. Tilak Raj, Warden, BH-2 along with hostel staff, Dr. Naveen Kumar, Dr. Vivek Kumar, Dr. Sucha Singh, Dr. Navneet Kaur, Dr. Anuj Kumar, Programme Officer, NSS, Anil Singla, along with hostel staff horticulture division, PU and other eminent persons of the Panjab University attended this event. Plants of Chandini single and double, bottle brushes, hamelia, ficus, gardenia, and Jatropa were planted in the park under this drive.

- To spread awareness about LGBTQ+ community competitions like Quiz and Art Competition was organized by NSS UIET on Instagram. This event began from 22.07.21 to 30.07.21 and total 26 volunteers from NSS, UIET volunteered to make this event successful. In this event, many participants took part with joy and received appreciation certificates and shout out on our social media platform. The event was managed by the student coordinators Ganga Batra, Ritik Thakur, Tryambak Kansal, Virat Pratap Singh under the guidance of programme officer Er. Gagandeep Singh Pallha. The event went smooth and very educative. The knowledge of quiz and creative art entries of participants added stars to the event.
- Plantation cum Cleanliness drive held on 24.7.2021 at Bulbous cum Palm Park Near Mandir, PU, Sector 14, Chandigarh. Dr. Rohit Kumar Sharma, Dr. Navneet Kaur, Dr. Anuj Kumar, Programme Officers, NSS participated and contributed in a team for the successful conduct of the drive.
- Department of NSS in association with Horticulture Division, Panjab University, Chandigarh organized a Cleanliness cum Plantation drive on 26<sup>th</sup> July, 2021 at 10:30 am at Prof. GP Sharma Herbal Park Sector 1,4 under the able guidance of Prof. Raj Kumar, Vice Chancellor, and Prof. Ashwani Koul, Programme Coordinator, NSS, Panjab University, Chandigarh. The organizing committee included the NSS Programme Officers Dr. Navneet Kaur, Dr. Vivek Kapoor and Dr. Naveen Kumar. Besides, other Programme officers Dr. Tilak Raj, Dr. Anuj Gupta and Dr. Rohit K. Sharma enthusiastically participated in the drive. NSS volunteer Rohit Kumar, officials and workers from the Horticulture department too participated in the drive.
- NSS, UIET successfully hosted a Webinar on KARGIL VIJAY DIWAS on 26.07.2021 to commemorate NSS Day. Celebrations were held in the presence of Programme Officer Gagandeep Singh. More than 80 participants from all over university were a part of this event. A number of volunteers of NSS, UIET volunteered to conduct this webinar smoothly. This event was managed by student coordinators- Ganga Batra, Ritik Thakur, Tryambak Kansal, Virat Pratap Singh. Volunteer Lakshay gave a welcome speech to participants and brief Presentation on Kargil War which was about valour of our Braveheart's who got martyred during the war. Honourable Chief Guest Maj. Arun Prakash Ambathy (Parachute Regiment Indian Army) encouraged and inspired the audience for performing their best foot forward in serving the nation. He gave his personal warfare experience to the audience and ways to inculcate military habits in our daily life to improve discipline. He also explained how we citizens can contribute during a war – (i) Through donations, (ii) Volunteering in social services, (iii) By Participating in NCC and reserved forces). The programme ended with doubt session of defence enthusiast with our chief guest, all in all the event went off without a hitch.
- A Cleanliness cum Plantation drive was organized by National Service Scheme in association with Horticulture Division of Panjab University at Hibiscus Park, Sector 14, Chandigarh on 28th July 2021. In this cleanliness cum plantation drive many teachers and NSS volunteers participated. Dr. Anuj Kumar, NSS Programme officer said that such events are now the necessity of the society for a healthy environment. He urged the volunteers to ensure proper care of the saplings. Dr. Navneet Kaur, Dr. Naveen Kumar, Dr. Tilak and Dr. Gagandeep Singh also graced the event with their valuable presence. Dr. Sucha Singh proposed vote of thanks and motivated students for Tree plantation. Students & NSS volunteers were happy to be part of the tree plantation drive.
- National Service Scheme (NSS) along with Horticulture department of Panjab University Chandigarh organised a Cleanliness and Plantation Drive on 30<sup>th</sup> July, 2021 at the fun and Frolic Park, Sector 25, Chandigarh. The event was organized by Prof Ashwani Koul, Programme Coordinator, NSS along with Dr Vivek Kapoor, Dr Amita Verma and Dr. Vivek Kumar, Programme Officers, NSS. The drive was attended by Programme Officers including Dr. Naveen Kumar, Dr. Anuj Kumar, faculty and students of the University. In order to connect with the environment, the participants enthusiastically helped each other in planting saplings in the park. We respect mother nature and it will in turn Bless our future generations. Just living is not enough, one must have sunshine, freedom and a little flower.” – Hans Christian Andersen.
- A Cleanliness cum Plantation drive was organized by Department of National Service Scheme Panjab University at Children Park Near Teacher's Flat, Sector 14, PU Chandigarh on 2<sup>nd</sup> August 2021. In this

cleanliness cum plantation drive many teachers and NSS volunteers participated. Dr. Gagandeep Singh, NSS UIET Programme Officer, said that similar drives should be conducted in order to maintain a healthy atmosphere and have a positive impact on society. He urged the volunteers to look after the saplings properly. Dr. Anuj Kumar, Dr. Navneet Kaur, Dr. Naveen Kumar and Dr. Vivek Kapoor also made an appearance at the occasion. Students and NSS volunteers were pleased to be a part of the tree-planting campaign.

- To promote the initiative of Swachhta Bharat Pakhwada among students and PU campus residents, Department of NSS in collaboration with 'Boys Hostel No. 2 and Horticulture Division, Panjab University, Chandigarh carried out a Tree Plantation cum cleanliness drive on 4<sup>th</sup> August, 2021 at University Meadows. The drive was launched by Dr. Sucha Singh, NSS Programme Officer. The organizing committee included the NSS Programme Officers Dr. Naveen Kumar, Dr. Navneet Kaur, Dr. Vivek Kapoor, Dr. Vivek Kumar, and Dr. Anuj Kumar. Besides, the staff of boys hostel no. 2, horticulture and NSS volunteers also enthusiastically participated in the drive. In response to this initiative, both students and staff planted 20 trees and collected the plastic waste and disposed off the same in the proper manner. NSS team motivated the participants to protect the environment from the plastic waste and make these kinds of cleanliness activities a routine to keep their surroundings clean and green.
- Centre for Social Work and NSS, Panjab University, Chandigarh honoured 16 Swachhta Karyakartas under the SWACHHTA PAKHWADA-2021 on 05.08.2021. Prof S K Tomar Dean Student Welfare (DSW) felicitated all of them for their invaluable contribution throughout the Covid-19 pandemic and still continuing. He appreciated all of them for their commitment and dedication shown towards the work they do.
- To promote the initiative of Swachhta Bharat Pakhwada under Swachh Bharat Mission among students and Panjab University campus residents, Department of NSS in association with Girls Hostel No. 9, Centre for Medical Physics and Horticulture Division, Panjab University, Chandigarh has organized a CLEANLINESS cum PLANTATION DRIVE on 6<sup>th</sup> August, 2021 at Mini-Rose Garden, Near BMS Block, South Campus, Sector-25, Chandigarh. Prof. R.C. Sobti, Former Vice Chancellor, Panjab University, Chandigarh and the Babasaheb Bhimrao Ambedkar University, Lucknow was the Chief-Guest of the event. He planted tree and participated in the cleanliness drive. He has also served the refreshments to all gardeners. Prof. Ashwani Koul (NSS Programme Coordinator), Dr. Vivek Kumar (Chairperson, Centre for Medical Physics), Dr. Rohit K. Sharma (Chemistry Deptt.), Dr. Shipra Gupta (Warden, GH No. 9), Dr. Vivek Kapoor (DHSJDSH), Dr. Anuj Kumar (DCSA), Er. Anil Thakur & Mr. Amandeep (Horticulture Division), Dr. Kashmir Singh (Biotechnology Deptt.), Dr. Archana Chauhan (Zoology Deptt.), Dr. Deepak K. Rahi (Microbiology Deptt.) & various other faculties and non-teaching staff and about 25 NSS student volunteers have participated in this programme with physical distancing. The main objective of cleaning was to remove polythene packets and garbage and to plant new plants in the garden. It also creates awareness among our NSS students about the need and importance of clean environment. In response to this initiative, both students and staff planted 25 trees and collected the plastic waste and disposed off the same in the proper manner. NSS team motivated the participants to protect the environment from the plastic waste and make these kinds of cleanliness activities a routine to keep their surroundings clean and green.
- On the occasion of Independence Day competitions like Patriotic Poem Recitation, Patriotic Singing, poster making was organized by NSS wing of UIET. This event began from 11.08.21 to 15.08.21 and total 24 volunteers from NSS, UIET volunteered to make this event successful. In this event, many participants have come forward and took part in the event enthusiastically, and received appreciation certificates. The event was managed by the student coordinators Ganga Batra, Ritik Thakur, Tryambak Kansal, Virat Pratap Singh under the guidance of programme officer Er. Gagandeep Singh. The event went smooth and very educative. The entries from participants really added stars to the event.
- Chandigarh administration organized a parade on 15<sup>th</sup> August, 2021 at Sector-17 parade ground to represent the freedom that we achieved on this day. Total 18 platoons took part in this year's event that included Chandigarh Police, Civil Defence Forces, CRPF, Punjab Police, Haryana Police, NCC Air Wing, Army Wing and Navy Wing. About 26 volunteers of NSS represented Panjab University, Chandigarh in this auspicious event. Firstly, the selections were done for the NSS volunteers for the parade. The parade practices started from 1<sup>st</sup> August 2021 under the guidance of drill instructor Ms. Rubi Parveen and Mr. Mustaq Ali. The volunteers whole heartedly completed the course. Dr. Vivek Kumar, NSS Programme Officer, Panjab University assisted the volunteers for this event.

- Department of NSS in association with Centre for Medical Physics and Centre for Systems Biology and Bioinformatics, Panjab University, Chandigarh organized a CLEANLINESS DRIVE on 24<sup>th</sup> August, 2021 under the guidance of Programme Coordinator Prof. Ashwani Koul under the Swachh Bharat Mission initiative of the present Government. NSS volunteers cleaned the ground area in front of the medical physics department with the supervision of programme officer and Chairperson, Centre for Medical Physics Dr. Vivek Kumar. Dr. Naveen Kumar (UIAMS), Dr. Tilak Raj (UBS), Dr. Anuj Kumar (DCSA), Dr. Tammanna R. Sahrawat (Chairperson, CSBB), Dr. Veena Puri (CSBB) & various other non-teaching staff and about 20 NSS student volunteers have participated in this programme. The main objective of cleaning was to remove polythene and garbage from the garden. NSS programme officers motivated the participants to protect the environment from the plastic waste and to make these kinds of cleanliness activities a routine feature to keep their surroundings clean and green. After the programme students were given refreshments and the Programme Officers appreciated the students for their worthy efforts, and motivated them to be active in participation of such drives to make this world a better place to live.
- National Service Scheme (NSS), University Institute of Legal Studies, Panjab University, Chandigarh organised an awareness drive on AYUSH Practices for better nutrition on 12th September, 2021 under the chief patronage of Prof. Raj Kumar (Vice Chancellor, PU). The event was hosted by Prof. Rajinder Kaur (Director, UILS, PU). The event was organized to ensure that there is a focus on developing practices that nurture health, wellness and immunity to disease and malnutrition in the country. As people are aware about eating healthy and staying fit, but however at a same time they are unaware of false information spread about nutrition which could cause serious health issues. So for this purpose, volunteers participated actively to spread awareness about the AYUSH Practices for better nutrition in their surrounding areas. Volunteers shared their pictures with us of spreading the awareness. So this was a great initiative by the teacher coordinator of the event Dr. Amita Verma (P.O-NSS Law Unit) along with the student coordinators Ujjawal Aggarwal and Priyanka to take a step towards a healthy India. And it was a successful event conducted by NSS, UILS, PU.
- NSS, Panjab University successfully hosted a **Webinar on NSS DAY CELEBRATIONS** on 24.09.2021 to commemorate NSS Day. Celebrations were held in the presence of Honourable Vice Chancellor Prof. Raj Kumar. **More than 700 participants** from all over India were a part of this event. Dr. Shankar Sehgal, NSS Programme Officer, Event Coordinator gave a warm welcome to all who had gathered for this special celebration. Prof. Ashwani Koul introduced the objectives and accomplishments of NSS Panjab University. Honourable VC PU Prof. Raj Kumar encouraged and inspired the audience for performing their best foot forward in serving the nation. After this our keynote speaker Dr. Pravin Kwatra motivated the audience to live a healthy lifestyle and inspired them to live ayurvedic way of life. Students of UIET, Panjab University also gave a captivating cultural performance in this online webinar. Near the end of the event, audience interacted with the expert and asked many questions related to their day-to-day health issues. The expert Dr. Pravin Kwatra answered the queries in an interesting as well as detailed manner. The programme ended with Vote of Thanks by Dr. Naveen Kumar, NSS Programme Officer of UIAMS.
- National Service Scheme, UILS celebrated 52th NSS Day on 24.09.2021 through a virtual meeting on MS Teams at 12:30 pm under the chief patronage of Prof. Raj Kumar (Vice-Chancellor, PU). The event was hosted by Prof. Rajinder Kaur (Director, UILS, PU). It was a great initiative by Dr. Amita Verma, Programme Officer, NSS along with the student coordinator Ujjawal Aggarwal fulfilling the motto of NSS "Not Me, But You".
- On the occasion of Gandhi Jayanti, 2<sup>nd</sup> October 2021, celebrations were done in a novel way through Cleanliness Drive by NSS UIET Panjab University. In this event many NSS volunteers took part with joy and received certificates in return. Dr. Shankar Sehgal, NSS Programme Officer inspired the volunteers for national service through this cleanliness drive. This drive was a small step towards building up the spirit of nationality among young minds. Dr. Vivek Kumar and Dr. Praveen Goyal also graced the occasion with their auspicious presence. The event was managed by the student coordinators Virat Pratap Singh, Ganga Batra, Ritik Thakur, Tryambak Kansal and others. The drive would also be helpful in inculcating the spirit of cleanliness in our day to day lives. The event was smooth and imbibed the spirit of keeping our nation and environment clean in alignment with the Swachh Bharat Mission of Indian Government.
- Society For Quiz, University Institute of Legal Studies in collaboration with National Service Scheme, Panjab University organised a National Declamation Competition on 8th to 10th October, 2021 on the occasion of



International Day of Non-Violence. The competition was open to the students from all the Universities/Colleges/Institutes and the participants were allowed to choose their topic from the various themes provided. The themes were Nonviolence and Multilateral Diplomacy, Relevance of Gandhian Philosophy in the 21st century, India and Anglo-Boer War, Gandhi – from an Ordinary Barrister to the Father of Nation, Movement of Truth and Force :Satyagrah. The competition was organized by Prof. Raj Kumar (Vice Chancellor, P.U.), Prof. Rajinder Kaur (Director, UILS, P.U.), Dr. Pushpinder Kaur and Dr. Amita Verma. A preliminary round was held on 8th October, 2021 via Microsoft Teams and top 8 were qualified for the final round which was held on 10th October, 2021. First position was bagged by Vishwesh Tiwari from Law College Dehradun, Faculty of Uttarakhand University and was awarded with Rs. 1500 and E-certificate of merit. Second position was bagged by Ekamjot Kaur from UILS, P.U., Chandigarh and was awarded with Rs. 1200 and E-certificate of merit. Third prize of Rs. 900 and E-certificate of merit was won by Maanyaa Anand from Christ Academy Institute of Law, Bengaluru University. All the participants were given E-certificate of participation. The competition was a great success with the help of student coordinators: Vaibhav Goyal, Rabia Mittal, Pranjali Aggarwal, Prakhar Sharma, Ujjawal Aggarwal.

- NSS, Panjab University successfully hosted a Webinar on **Rashtriya Ekta Diwas (National Unity Day)** on 31.10.2021 to commemorate the day and also to celebrate the Birth Anniversary of Sardar Vallabh Bhai Patel, the first Deputy Prime Minister of India. Participants from PGIMER and Panjab University attended the event. Dr. Shankar Sehgal welcomed all who had gathered for this special occasion and also led the pledge ceremony. Students of Panjab University also shared some untold motivational stories of Sardar Vallabh Bhai Patel. The programme ended with Vote of Thanks by Dr. Vivek Kumar from Center for Medical Physics.
- Under the project of creating awareness regarding Covid-19, on the occasion of Diwali, the volunteers of NSS UILS creating awareness about the effects of pollution caused by crackers and celebrated Green Diwali on 04.11.2021. A special emphasis was also made on how this pollution might worsen the condition of people suffering from Corona and what the youth of our country can do to bring a change. People were also made aware about what all rules the different governments have made so that the situation doesn't get out of control and lives are saved.
- NSS, UIET Panjab University successfully hosted a **BOOK DONATION DRIVE** on 06<sup>th</sup> and 07<sup>th</sup> November 2021 in which residents of Chandigarh have participated enthusiastically and have donated many old books and note-books etc. Event coordinator, Dr. Shankar Sehgal praised the efforts of NSS volunteers and residents who were doing their best to serve the society. The drive will be helpful for the deprived children and it will also motivate the public towards "**Share and Care**" culture of India.
- The Inaugural ceremony was held on 9 November 2021 at 12:30 pm through virtual mode to celebrate Legal Services Week held by Legal Aid Society, University Institute of Legal Studies (UILS) in collaboration with National Service Scheme (NSS), UILS, Panjab University. The ceremony was presided over by Professor Rajinder Kaur, Director UILS. All the staff members, senior teachers and students were present in the ceremony. Dr. Ashwini Koul, coordinator NSS, Panjab University was invited as the chief guest on this auspicious occasion.
- The NSS Unit organized an orientation programme for the newly enrolled volunteers of B.A. L.L.B. and B.Com L.L.B. under the able guidance of Prof. Rajinder Kaur on 10th November, 2021 from 12 noon to 1pm through the Microsoft Team splat form. A total of 400 volunteers attended the programme. The orientation programme commenced with Dr. Amita Verma addressing the virtual gathering. NSS Programme Officer In-charge Dr. Amita Verma along with Dr. Karan Jawanda and Dr. Anupam Bahri, briefed the volunteers on the NSS motto, importance of the NSS symbol and badge, aims and objectives, role and duties of volunteers, as well as activities to be performed by the Unit. Then Ujjawal Aggarwal presented the whole presentation and explained the students about NSS and guided them on how to join and be a part of the unit. With this the event came to an end.
- On the auspicious occasion of 73<sup>rd</sup> Constitution Day of India, National Service Scheme, UILS, Panjab University in collaboration with Legal Aid Society, UILS organised a Preamble Pledge taking ceremony on 25.11.2021 under the chief patronage of Prof. Raj Kumar (Vice-Chancellor, Panjab University, Chandigarh) and Prof. Ashwani Koul (Programme Coordinator, NSS, Panjab University). The event was hosted by Prof. Rajinder Kaur (Director, UILS). The introductory address was delivered by Dr. Amita Verma, Programme Officer, UILS.

- On the occasion of the International Day for the Elimination of Violence Against Women, the Centre for Women's Development, UILS hosted areal case study reading in collaboration with the Legal Aid Society and the National Service Scheme under the Chief Patronage of Prof. Raj Kumar (Vice Chancellor, PU) and Prof. Rajinder Kaur (Director, UILS, PU).The event was held on November 25, 2021 at 3 p.m. with a welcome address by Dr. Rajinder Kaur who discussed the importance of speaking out against domestic violence and violation of women's rights. Furthermore, Dr. Anupam Bahri provided pertinent information on the subject.
- National Service Scheme, Law unit organised an awareness campaign on 1.12.2021 on the occasion of World Aids Day in collaboration with the Legal Aids Society , UILS under the chief patronage of Prof. Raj Kumar (Vice-Chancellor, Panjab University, Chandigarh) and Prof. Ashwani Koul (Programme Coordinator, NSS, Panjab University). The event was organized for the volunteers to spread awareness regarding AIDS.
- National Service Scheme, Law Unit organized a tree plantation Drive on 2<sup>nd</sup> December, 2021 on the occasion of National Pollution Control Day in collaboration with the Legal Aid Society, UILS under the chief patronage of Prof. Raj Kumar (Vice-Chancellor, Panjab University, Chandigarh) and Prof. Ashwani Koul (Programme Coordinator, NSS, Panjab University). The event was organised for the volunteers to plant trees and small plants in their homes and neighbor-hood.
- National Service Scheme, UIET unit of Panjab University successfully hosted a Webinar on Indian Navy Day on 04.12.2021. Honourable Keynote Speakers Commander Angsuman Ojha (Rtd) and Commander Abhishek Kankan encouraged and inspired the audience for performing their best foot forward in serving the nation. Commander Angsuman Ojha (Rtd) gave his personal warfare experience to the audience and ways to inculcate military habits in our daily life to improve discipline. Commander Abhishek Kankan shared with us his spine-chilling experiences of Mt Everest summit and heart throbbing service in Special force – MARCOS, in Submarine Arm.The webinar was organized by NSS Unit of Panjab University. Prof. Ashwani Koul, Dr. Shankar Sehgal, Dr. Vivek Kumar, Dr. Naveen Kumar Mr. Tryambak Kansal, Mr. Taha Ali Khan, Ms. Ganga Batra and Ms. Sejal Sharma were part of the organizing team.
- A Cyclothon Event was organised by NSS in collaboration with the Department of Chemistry, Panjab University, Chandigarh to raise awareness on National Anti-pollution Day. It was organised under the guidance of Dr. Rohit Kumar Sharma on 5 December 2021 from Panjab University to Sukhna Lake at 7:00 am. Prof. S. K. Tomar was the guest of honour and he started the cycle rally by showing the green flag. Various cultural events were performed at Sukhna Lake where volunteers participated enthusiastically. Around 100 people were made aware of the effects of pollution on the environment and were given some suggestions which they can include in their daily life to make a big change.
- National Service Scheme, Law Unit in collaboration with Legal Aid Society, University Institute of Legal Studies, Panjab University, Chandigarh organised an awareness drive on Omicron variant of COVID-19 on 8th December, 2021 under the chief patronage of Prof. Raj Kumar (Vice Chancellor, PU) and patron of Prof. Ashwani Koul (NSS Programme Coordinator, PU) and was hosted by Prof. Rajinder Kaur (Director, UILS, PU). Volunteers shared their pictures with us of spreading the awareness regarding the use of mask and sanitisers. So this was a great initiative by the teacher coordinator of the event Dr. Amita Verma(P.O-NSS Law Unit), Dr. Karan Jawanda (LAS Teacher Coordinator) and Dr. Anupam Bahri (LAS Teacher coordinator) long with the student coordinators Ujjawal Aggarwal, Jasmin Kaurand Kashish Garg to spread awareness. And it was a successful event conducted by NSS, Law unit and Legal aid society, UILS, PU.
- The National Service Scheme (Law Unit) in collaboration with Legal Aid Society and Centre for Women Development, University Institute of Legal Studies, Panjab University, Chandigarh celebrated the occasion of Human Rights Day by organising a Free Legal Aid Awareness Campaign in slum areas for down trodden sections of society on10th December, 2021.Students spread awareness in their local slum areas and delivered the lectures for the benefit of such sections of the society and shared their videos with us. The event was conducted under the chief patronage of Prof. Raj Kumar (Vice Chancellor, PU) and patron of Prof. Ashwani Koul (NSS Programme Coordinator, PU). The event was hosted by Prof. Rajinder Kaur (Director, UILS, PU). NSS Volunteers actively participated in this and contributed in the successful conduct of the event to celebrate theday.The event was a huge success due to efforts of teacher coordinators Dr. Amita Verma, Dr. Karan Jawanda and Dr. Anupam Bahri, along with the help of student coordinators Ujjawal Aggarwal, Ramya Jit Kaur and Damanpreet Kaur.

- “Poster making competition” and Slogan Writing Competition were organized by NSS Law Unit and Legal Aid Society, University Institute of Legal Studies, Panjab University on 18th and 19th December, 2021 under the chief patronage of Prof. Raj Kumar (Vice Chancellor, PU) and was hosted by Prof. Rajinder Kaur (Director, UILS, PU). The competition was open for all the students of Panjab University and its affiliated colleges. The students participated with full enthusiasm and more than 20 entries were received of many beautiful and creative posters to create awareness in the society regarding inter caste and inter religious marriages and honour killings. E-certificates were provided to all the participants. This was a great initiative and was a huge success due to the efforts of Dr. Amita Verma (P.O., NSS, Law Unit), Dr. Karan Jawanda (LAS Teacher Coordinator) and Dr. Anupam Bahri (LAS Teacher Coordinator) along with the student coordinators Ramya Jit Kaur, Saloni and Porush.
- Panjab University National Service Scheme unit organised Republic Day camp between 20<sup>th</sup> December 2021 to 26<sup>th</sup> January 2022. A month long event started with the orientation programme which was held on 11<sup>th</sup> December 2021 in offline mode, and followed by the selection of candidates for the STATE REPUBLIC DAY PARADE. The selection of the candidates was done in a proper manner keeping the COVID-19 guidelines in mind. The Republic Day camp includes number of events such as drill practicing for parade cultural event etc. Each and every candidate after the orientation and selection programme was filled with enthusiasm and ready for the Republic Day Camp 2022. The camp started with the parade practice of the new NSS parade candidates. The practice time was 6:00 a.m. in the morning, and after the ‘PrabhatPheri’ candidates directly report to their practice track and start their day with stretching exercises followed by drill basics and advance practice. It was a big task to prepare these fresh candidates for the state level parade and he proved himself again. It was the hard work of the group which led to the successful presentation of the contingent at state level Parade on 26<sup>th</sup> January 2022. The Republic Day camp 2022 was just not about drill practice it had also included the events and activities which leads to the development of the candidates. During the camp each and every candidate expressed his/her views and personal experiences and even some motivated others for doing and presenting their best, never giving up on any task in any situation. ‘NOT ME BUT YOU’, it was practically done on ground level in this camp the RD camp represented ‘MINI INDIA’ as candidates from different parts of our Diverse Nation share their Cultural, Food, Languages, Dress folk dance, etc and everyone was curious and willing to learn the cultural of different parts of our country. All the candidates presented their cultural items in the form of folk dance, folk songs patriotic poems and song NSS poems songs etc. and well represented the diverse culture of a great Nation. This year's RD camp was a great success whether it was the cultural path or it was on the drill side. This year the contingent under the guidance of Mr. Sandeep & Mr. Mushtaq and NSS programme officers Dr. Vivek Kumar, Dr. SimranPreet, and NSS Programme Coordinator Prof. Ashwani Koul, packed the ‘**BEST CONTINGENT**’ award 2022. Ms. Preeti was the commander of the contingent this year. In addition **NSS volunteer Ms. Aarti Yadav attended RDC 2022, New Delhi**. Along with her, two more candidates participated in tableau event. In total, 3 volunteers from NSS Panjab University were on Rajpath on Republic Day parade this year. It was a moment of proud for everyone. The camp came to an end and candidates were with new skills & Best ‘Contingent Trophy’ in their hands. NSS PU is thankful to all who have contributed towards the success of the NSS parade programme. It was a successful event and enhances everyone's experience and knowledge.
- Women Development Cell in collaboration with Legal Aid Society and NSS, UILS, Panjab University conducted a webinar to commemorate the Indian Army Day on 15th January 2022. The theme for the webinar is "The Fierce Bravery: Women and their role in the Indian Army". The webinar was organized under the chief patronage of Prof. Raj Kumar (Vice, Chancellor, PU) and hosted by Dr. Rajinder Kaur (Director, UILS, PU). The chief guest for the webinar was rtd. Lt. Col. NVN Rao gave her valuable insights regarding women and the Indian Army. The webinar began at 11 AM with a formal welcome to guest of the day, by Dr. Karan Jawanda, teacher coordinator of legal aid Society. After her welcome, a creative wing of women Development Cell presented a video giving a heartfelt tribute to soldiers who died while protecting Mother India. The day was celebrated to honor those soldiers who made selfless sacrifices and showed valor on the war front. The Guest gave valuable insights on how the Indian Army is one of the finest disciplines in the world. The one who teaches us to not only carry our uniform everywhere but take pride in wearing it. The ones who are always there for our safety, smiles, and our sustainability. Lt. Col even talk about career opportunities for women in Army, especially after law graduation. She gave valuable information from her past experience, how she managed her personal and professional life. Samiksha Sufi, sang a patriotic song to salute the brave hearts of the country. The webinar ended around 1 pm, with a vote of thanks presented by

Dr. Anupam Bahri, Teacher coordinator of the women Development cell and Legal Aid Society. The webinar was a great success due to the efforts of student coordinators and teacher coordinators.

- National Service Scheme (NSS), in collaboration with Women Development Cell and Legal Aid Society, University Institute of Legal Studies, Panjab University, Chandigarh organized an awareness campaign on health and hygiene of girls with respect to various Government schemes for them on 25<sup>th</sup> January, 2022 under the chief patronage of Prof. Raj Kumar (Vice Chancellor, PU) and patron of Prof. Ashwani Koul (NSS Programme Coordinator, PU) and was hosted by Prof. Rajinder Kaur (Director, UILS, PU). Volunteers shared their pictures with us of spreading the awareness in their locality and neighbourhood areas by talking about schemes like Beti Bachao Beti Padhao, Rashtriya Kishor Swasthya Karayakaram and many more. So this was a great initiative by the teacher coordinator of the event Dr. Amita Verma (P.O- NSS Law Unit cum LAS Coordinator), Dr. Karan Jawanda (LAS Teacher Coordinator) and Dr. Anupam Bahri (LAS Teacher Coordinator) along with the help and efforts of student coordinators Ramyajit Kaur, Versha, Yashika and Riya Nagpal to spread awareness. And it was a successful event conducted by NSS, WDC and LAS, UILS, PU.
- A series of events like plantation drives, cleanliness drives, yoga sessions and cycling rallies were conducted from 6<sup>th</sup> March, 2022 to 13<sup>th</sup> March, 2022 by PU NSS in collaboration with the department of UIAMS, UIET, girls hostel 2,5,6 and boys hostel 2 and 3 of the campus to commemorate azadi ka Amrit Mahotsav. All the worthy programme officers, volunteers and wardens participated in the events enthusiastically.
- Ms. Jasmeet, NSS Volunteer from Department of USOL participated in National Integration Camp (NIC) at Maharishi Markandehwar University, Mullana, Ambala (Haryana) from 22.03.2022 to 28.03.2022.
- A NSS Special camp was organised from 23 March to 29 March, 2022. The inauguration event was graced by the worthy Vice Chancellor Prof. Raj Kumar and NSS Programme Coordinator Prof. Ashwani Koul who motivated volunteers to work on field effectively. Plantation and cleanliness drives were also scheduled. Visits to the anthropology museum and botanical garden were also kept in between. Keeping physical health and safety in lieu, the special morning sessions were organised by the cooperation of the self defence swayam team of Chandigarh police. All the academic sessions are taken up on various topics for the enlightened by worthy speakers and NSS resource persons. The Competitions were conducted aimed to give all the volunteers opportunities to showcase their talents. Cultural and sports events were also scheduled. The winners were awarded with appreciation certificates, trophies and medals were also distributed to the winners, student coordinators and organisers.
- Second NSS Special Camp - 2022 was organized by NSS Units of Panjab University Campus from 24 March - 30 March, 2022 where the theme was 'Azadi Ka Amrit Mahotsav'. The main objectives of this camp were to:
  - apprise the volunteers of several flagship programmes thus bringing them face to face with the community situation.
  - provide opportunities to NSS Volunteers to play their due roles in the implementation of various development programmes.
- PU NSS in collaboration with the department of Biophysics organised a cleanliness drive on 30.03.2022 at south campus. NSS volunteers actively participated in the drives and collected waste from the surroundings. They also spread awareness regarding the value of a clean and healthy environment to fellow students.
- National Service Scheme, UIET successfully laid the foundation of Project Ikshana on 25.04.2022 as per New India Vision of Azadi ka Amrit Mahotsav. Purpose of this project will be to serve as scribes for physically disabled persons especially during their examination work. Project members cum NSS volunteers, Ganga Batra, Tryambak Kansal, and, Shubhjeet Singh volunteered as scribe for Rohitpreet Singh, a student from ISSER, Panjab University. Main aim of this project is to increase the inclusiveness towards the disabled people in and around Chandigarh and to try our best to facilitate them in any way possible. NSS Programme Officer Dr. Shankar Sehgal appreciated the efforts by the NSS Volunteers in achieving the actual goals of NSS by serving the society.
- NSS UIET successfully conducted the Skit Play on the topic "Good touch & Bad touch" on 29.04.2022 under the Azadi ka Amrit Mahotsav. NSS coordinators Ganga Batra & Tryambak Kansal along with team performed in Ankur School. The play was conducted under the guidance of Programme Officers Dr. Shankar

Sehgal, Dr. Naveen Kumar and Dr. Vivek Kumar. The main aim of the play was to sensitize the young minds about the good touch and bad touch. The target audience were children belonging to the age group of 5-12 years. Due to the lack of constructive discussion about such topics, owing to stigmatized conditioning, it is imperative for growing kids to be well versed with which kind of touches are good/healthy for them and which kind of touches they should be cautious of.

Therefore, the main objectives were:

- To make them aware about how to act at times when they encounter a ‘bad’ touch.
  - To imbibe into them the thought that suffering sexual abuse is not the fault of the victim but an extremely serious offence by the perpetrator.
- Mr. Dilkhush, NSS Volunteer from department of USOL, Mr. Vishal Taxak, NSS Volunteer from department of Chemistry, Ms. Preeti NSS Volunteer from department of IETVE, Ms. Yashika, NSS volunteer from department of USOL participated in National Integration Camp (NIC) at Chitkara University, Rajpura, Patiala from 20.05.2022 to 26.05.2022.
- National Service Scheme of Panjab University, Chandigarh organized 4 Days workshop on the occasion of 8<sup>th</sup> International Yoga Day from 18.06.2022 to 21.06.2022. The workshop was started on 18<sup>th</sup> of June 2022. On the very first day, a session on YOGA was conducted in Auditorium of University School of Open Learning, Panjab University. Key note speaker of the session was Mr. Mohit Vasdev, Guest Faculty of Yoga in Interdisciplinary Centre for Swami Vivekananda Studies at Panjab University. All the volunteers who attended the session were enlightened by the words of the speaker and enhanced their knowledge of Yoga. Mr. Mohit shared importance of Yoga and Ancient history of Yoga with the Volunteers of the NSS. After his speech, volunteers asked various questions and Mr. Mohit solved their queries. The Vote of Thanks was delivered by Senior NSS Volunteer Mr. Sartaj Singh and Mr. Amit Kumar. On the second day (19.06.2022), an Awareness Rally on Yoga was organised in the Panjab University Campus. The Volunteers made aware the residents/ students/ teachers of the University Campus with slogans of KARO YOG, RAHO NIROG: YOG HUME APNANA HAI BHARAT KO SWASTH BANANA HAI etc. DR. ROHIT SHARMA, DIRECTOR OF YOUTH WELFARE of Panjab University was the Chief Guest for the event and he flagged off the Rally. Next Day (20.06.2022) in the morning, practical session of YOGA was organized under the Guidance of Mr. Mohit Vasdev and 50 NSS volunteers along with NSS Programme Officer Dr. Richa Sharma joined the early morning YOGA session. This enlightening session was conducted in the parking area of USOL-ISSER Department. The Volunteers learned and practiced new Asanas and Pranayams and earned the knowledge to live a healthy life. On the Final Day of this 4 days’ workshop (21.06.2022), Panjab University NSS UNIT in collaboration with Department of Sports hosted the 8<sup>th</sup> International Yoga Day. The session was running parallel to the Mysore session. The Chief Guest was Prof. Raj Kumar, Vice Chancellor, Panjab University. This session was held in GYMNASIUM HALL of Panjab University. Yoga taught us the way of healthy life in this hectic schedule. YOGA doesn’t just change the way we see things, it transforms the persons who see. It is well said “Yoga is the dance of every cell with the music of every breath that creates inner serenity and harmony.”

**DEPARTMENT OF PUBLIC RELATIONS  
PANJAB UNIVERSITY, CHANDIGARH**

During the period July 1, 2021 to June 30, 2022, the Department of Public Relations has undertaken the following activities:-

1. Panjab University received wide positive coverage in the local and national media including the electronic media and online news portals for its various activities.
2. During this period, 1,274 press releases were issued in which got 13,110(Approx) news coverage by English, Hindi and Punjabi newspapers and web portals.
3. DPR arranged press conferences for National Science Week celebrations, University Business School placements, University Institute of Pharmaceutical Sciences etc
4. DPR also arranged interviews of various senior PU officials which includes PU Alumni Prof. Bhupinder Brar, Political Science; Enactus team of the students of UICET, PU; Dr. Nishima Wangoo, UIET; Prof. Promila Pathak, Department of Botany; Prof. Kewal Krishan, Department of Anthropology; Prof. Ganga Ram Chaudhary, SAIF/CIL; Dr. Ramesh of SAIL/CIL; Dr. Roshan Lal, Department of Psychology; Prof. Mritunjay Kumar; Prof. Prashant Gautam, UIHTM; Dr. J.S. Sehrawat, Dept. of Anthropology; Prof. Archana R. Singh and many more.
5. DPR also arranged interviews of the following for Electronic Media:-
  - Dr. Jagat Bhushan, Controller of Examination regarding examinations by Babushahi.
  - Dr. Uma Batra and Prof. Seema Kapoor were interviewed by Zee Punjabi regarding innovation of a powder which help to fix the broken bone.
  - Dr. Jivesh Bansal, Librarian interviewed by Punjab Kesari on History of Panjab University.
  - Prof. Seema Kapoor and Dr. Uma Batra, interviewed by ANI on patent research.
  - Dr. Prashant Jindal, UIET interviewed by Zee Punjabi and ANI on developing unique gloves etc.
6. The Department made extra efforts for getting wide coverage in print and electronic media both for following events:
  - Panjab University's 69<sup>th</sup> Annual Convocation
  - Visit of nine Vice Chancellors from different Districts of Uttar Pradesh to Panjab University, Chandigarh.
  - Visit of Smt. Anandiben Patel, Hon'ble Governor of State of Uttar Pradesh to Panjab University.
  - Khelo India Games.
  - Annual Event 'Laal Lakeer' (Play).
  - Various Webinars, E-Workshops, Inaugurations, Visits etc.

## PUBLICATION BUREAU

**Secretary** : **Vacant**

**Honorary Director** : Professor Kamal Nain Singh  
Publication Bureau, P U Chandigarh

### **I. General/Routine Work:-**

The Bureau during the year under report continued to publish and sell textbooks and scholarly/general books and membership of Book Club Scheme.

### **II. Books Published**

#### **A. General/Scholarly Books**

##### **PUNJABI**

1. *Satguru Ram Singh Ate Kuka Lahar* (newly published)  
*Prof. Jaspal Kaur Kang*
2. *Panjab University Punjabi –English Dictionary* (newly published)  
*Editor in Chief Prof. Sarabjit Singh*

#### **B. TEXT-BOOKS**

##### **ENGLISH**

1. *Colours of Expression* (reprint)  
Compiled by Harbhajan Singh

##### **PUNJABI**

1. *Chhey Chhallan* (reprint) Edited by Atamjit

##### **HINDI**

1. *Sajeev Kahanian* (reprint)  
Edited by Dr. Luxmichander Khurana
2. *Trangini* (reprint)  
Edited by Manoharlal Anand

### **Participation in the Book Fair**

The Dept. of Publication Bureau, Panjab University, Chandigarh attended the various exhibitions and placed a stall to display and sell General books and Text-books as mentioned below:

1. Chandigarh University, Mohali Campus Knowledge Resource Centre (KRC) organized a BOOKS EXHIBITION & FUN FARE on the eve of Baisakhi from 14<sup>th</sup> to 16<sup>th</sup> April 2022.
2. Seminar organized by the Guru Nanak Sikh Studies on the topic “*Sabad Vichar Manch*” Dialogue with filmmaker Amardeep Singh and Vaninder Kaur on Foot prints of Guru Nanak and Contemporary period on 15/06/2022.

## **PANJAB UNIVERSITY RESEARCH JOURNAL SOCIAL SCIENCES**

The Research Journal Social Sciences is published tri-annually under the Chief Editorship of Professor Deepak K. Singh & Prof. Latika Sharma, Editor on behalf of the Panjab University. During July 2021 to June 2022, three issues of the Journal (Volume 29 issue No. 1, 2 & 3 of 2021 and Volume 30, issue No. 1, 2 & 3 of 2022) were published and released. One issue Volume 31 issue No. 1, 2 & 3 of 2023 is in the pipeline and shall be released in the month of December, 2023.

The Journal enjoys wide respect and acclaim among academicians from India and abroad. It receives research articles and commentaries from researchers, academicians and faculty members on the rolls of Indian, as well as, foreign Universities. The articles contained in the various numbers of the journal are referred to and widely used by policy makers and scholars from various universities, both India and abroad.

The journal is in the process of increasing its exchange arrangements and subscription from different Organizations/Universities. Hopefully its subscriptions will acquire tremendous boost in the coming sessions. Meanwhile, we would continue to publish quality papers in the journal, after due-evaluation by the referees.



## **PANJAB UNIVERSITY RESEARCH JOURNAL ARTS**

During the period under report, Volume XLVIII, No. 1, January- June, 2021 consisting of 145 pages and Volume XLVIII, No. 2, July- December, 2021 consisting of 155 pages have been published and the same has been uploaded on Panjab University website. The Journal Volume XLVIII, No. 1, January- June, 2021 contained 8 research articles and Volume XLVIII, No. 2, July- December, 2021 contained 8 articles. All the research papers included in the Journal have been peer reviewed by the expert referee of the respective field. About 150 articles were received from July 2021 to June 2022.

350 copies of the Journal have been dispatched to various libraries of the Indian Universities, Editors of Journals, Directors of Institutes etc. and Principals of affiliated colleges.

A copy of Journal, to all the authors along with nine off prints, has been sent. Research articles received are double blind peer reviewed by experts from our University and also from other Universities/Institutions. Reviewers outside Panjab University were paid an honorarium of Rs. 1000/- (per article).

From July 2021 to June 2022, the office received subscription amounting to Rs. 11,700/- from different institutions and individuals and the amount has been deposited in the University Accounts. A copy of the Journal have been sent to subscribers.

The Journals/Magazines received in exchange of the Journal has regularly been sent to various departments of the University for use by the students and faculty.

About 20 research papers have been received for the forthcoming issue of the Journal and most of them have been reviewed by the expert referees. The office is planning to bring out the latest issue of Panjab University Research Journal Arts in due course of time.

## PANJAB UNIVERSITY RESEARCH JOURNAL (SCIENCE)

List of the members of Editorial Board and Advisory Board of Panjab University Research Journal (Science).

**Chief Patron:** Prof. Raj Kumar, Vice-Chancellor, P.U, Chandigarh

**Editor-in-Chief:** Prof. Devinder Mehta, Department of Physics, P.U, Chandigarh

**Editor:** Prof. Desh Deepak Singh, Department of Bio-technology, PU, Chandigarh

**Editorial Board:** Dr. A.K. Bhalla (Pediatrics), PGIMER, Chandigarh  
Prof. Inder Pal Singh, NIPER, SAS Nagar Mohali  
Prof. C. RatnaPrabha, MSU, Baroda  
Prof. Sunita Mishra, Sr. Principal Scientist, CSIO, Chandigarh  
Dr. S. Muralithar, Scientist H, Inter University Accelerator Centre, New Delhi  
Prof. Sanjeev Puri, Dean Physical Sciences, Punjabi University, Patiala  
Prof. Rajat Sandhir (Biochemistry), PU, Chandigarh  
Prof. Jagdeep Kaur (Biotechnology), PU, Chandigarh  
Prof. R.K. Singla (DCSA), PU, Chandigarh  
Prof. S.K. Mehta, University of Ladakh  
Prof. Rajeew Patnaik, (Geology), Panjab University, Chandigarh

**Advisory Board:** Prof. Dulal Panda, Director, NIPER, SAS Nagar  
Prof. Amitav Patra, Director, Institute of Nano Science & Technology, SAS Nagar  
Dr. Prateek Kishore, Director, TBRL (DRDO), Chandigarh  
Prof. A.K. Sood, Indian Institute of Science, Bangalore  
Prof. Jagat Ram, Former Director, PGIMER, Chandigarh.  
Prof. R.K. Sinha, Vice-Chancellor, Gautam Budh University  
Greater Noida Gautam Budh Nagar Pin 201312  
Prof. K.K. Mishra, Prof. Emeritus, KISS-Du University  
VIM-87, Sailayhree Vidhar, Bhubaneswar (Odisha)

During the period under report Panjab University Research Journal (Science), Volume 71, of the year 2021, part 1-IV containing 95 pages has been published with immense grace and excellence incorporating several new features. The layout of the journal has been changed so as to conform to the latest international scientific format. The present volume of the journal has 11 research articles. In order to bring the journal at par with any leading international journal, coloured plates have been included. All the papers have been peer reviewed by a panel of 2 to 3 referees in the respective fields. The journal is open to all scientists engaged in original research in any discipline of science including Engineering and Information Technology. Volume 71 (2021) of the journal was published in November, 2022 and the process of sending/dispatching the journal to the outside agencies, member of Editorial /Advisory Boards/ Life Members and other subscribers either paid or on exchange / gratis is in progress. The Editorial office of Panjab University Research journal (science) has processed 06 research articles for Volume -72 for the year 2022 out of which 04 have been accepted and 2 are under process. The office is planning to publish the next volume of the journal in the month of July, 2023. The journal publishes expository review articles, original articles, abstracts of research level lectures and reports on the research activities of various Science Department of Panjab university.

**All the earlier volumes of P.U. Research journal (Science) have been scanned for uploading on the P.U. Research journal (Science) Website.**

The Journals/Magazines/ Bulletins received in exchange of Panjab University Research Journal (SCIENCE) have been regularly sent to the concerned science Departments as well as the Main Library of the Panjab university for use by the student and faculty. The journal continues to maintain a high standard of Research, it enjoys recognition Nationality as well as the internationally, Panjab University Research Journal (Science) is being sent in gratis

exchange to 68 Indian Institutes / Universities and 185 foreign universities in reciprocation Panjab university Research Journal office gets approximately 350 journals on wide ranging aspects of scientific every year.

The journal has enrolled a significant number of paid annual members as well as its life subscribers. This year the office has earned an income of Rs.3000/- from the sale of journal from July 2021 to June 30, 2022 to the different outside agencies/ firms and the academic institutions. The amount received from time to time has been deposited in the account of the Registrar, Panjab University, Chandigarh.

## **DIRECTOR, RESEARCH AND DEVELOPMENT CELL**

### **Professor Harsh Nayyar, Director, Research & Development Cell**

The National Education Policy (NEP) 2020 envisages the promotion of quality research within the Higher Education system. Research and innovation are important aspects to enhance quality education by the Higher Education Institutions (HEIs). Societal challenges of our country can only be addressed by having a strong and vibrant higher education ecosystem with an emphasis on research, innovation, and technology development. The integration of Research, Innovation and Technology Development is the foundation of Atma-Nirbhar Bharat (Self-reliant India). The establishment of Research and Development Cell (RDC) in Panjab University, Chandigarh is aimed at enabling the attainment of targets of Atma-Nirbhar Bharat and is expected to play a crucial role in catalyzing multidisciplinary/ transdisciplinary and translational research culture mandated in NEP 2020.

#### **Vision**

To put in place a robust mechanism for developing and strengthening the research ecosystem within the University in consonance with the provisions of NEP-2020.

#### **Mission**

- To create a congenial ecosystem environment for enhanced research productivity.
- To promote collaboration across industry, government, community-based organizations, and agencies at the local, national, and international levels.
- To facilitate greater access to research through optimum utilization and mobilization of existing resources and funding.

#### **Objectives**

- To build an organizational/ intra-institutional structure with role-based functions of RDC, formulate Research Policy for the University, identify thrust areas of research, and form related cluster groups/ frontline teams/consortia of researchers.
- To help the University create Research Policies for recruitment of research personnel, procurement of equipment, and financial management with sufficient autonomy to the Principal Investigator(s) and propagate research outcomes to stakeholders and the public at large.
- To put in place policies to promote researchers and innovators, identify potential collaborators from industry, research organizations, academic institutions & other stakeholders for cooperation and synergistic partnerships.
- To act as a mediator between researchers & relevant research funding agencies, provide guidance in preparation & submission of project proposals and post-sanctioning of the grants to supervise adherence to timelines.
- To create mechanism for coordination among other cells/ centers dealing with University-Industry Inter Linkage, Incubation, Innovation and Entrepreneurship Development and Intellectual Property Rights (IPR).
- To develop an Institutional Research Information System through IQAC for sharing the status of ongoing/ completed research projects/Programmes, expertise & resources, etc., making effective use of Information & Communication Technology (ICT) for preparing the database of in-house experts to provide industrial consultancy and services.
- To engage & optimally utilize the services of superannuated active faculty/scientists in research capacity building of talented young minds and promote mobility of researchers across institutions and R&D Labs.
- To serve as nodal center for ideation and conceptualization of research topics/themes, across the disciplines, by organizing workshops and training programs and ensuring the integrity and ethical practices in research activities including clearance of ethical committee wherever and whenever needed.

## Functions

The establishment of the RDC would facilitate the creation of a research ecosystem for impactful and sustained research output. The essential elements of such an ecosystem, viz., generation of knowledge and facilitation of research, innovation and technology development for industrial & societal benefits, are addressed by human resource (researcher & faculty), intellectual capital (knowledge & skills), governance (regulation & policies) and financial resources (funding & grants).

- ❖ **In consonance with the NEP-2020, Online data base of around 500 Useful links was created (including PDFs, Webpage links, Youtube Videos etc.) for Indian Knowledge System (IKS) and other reading material that may be used by the faculty as well as the students while offering or pursuing different course modules based on IKS or other multidisciplinary/value added courses.**
- ❖ **Helped in Framing Modules Courses and Contents for the speedy implementation of NEP-2020 in the Panjab University.**
- ❖ **Online “SHODH SAMWAD” was conducted to interact with the research scholars/Post Doc. to discuss various important issues.**
- ❖ **Academic Structure of Centre of Academic Leadership and Education Management (CALEM) was proposed including various Committees (i.e Advisory Committee, Academic Committee, Technical Committee) for the smooth functioning of the CALEM activities.**
- ❖ **Provided valuable guidance and active participation in the re-framing and vetting of various important and essential Policies of Panjab University namely;**
  - (a) **Policy document on Promotion of Research.**
  - (b) **IT Policy document.**
  - (c) **Mobilisation of Resources: Policy and Procedures of the Institution.**
  - (d) **Policy document on Annual Gender Sensitisation Action Plan.**
  - (e) **Policy document on Green Campus and Sustainability Policy.**
  - (f) **Policy Document on E-Governance.**
  - (g) **Consultancy Policy; Entrepreneurship policy.**
  - (h) **Entrepreneurship policy.**
  - (i) **Policy document on Development of self learning material.**
- ❖ **Evolved a Proforma for submission of proposal for Financial Assistance to the students for Innovative work/project (in the Social Sciences and Humanities) under the Budget Head “Impetus to Research” sub head “Financial Assistance to the students for Innovative work/project”. Notably, the much-sought-after freedom has been given for writing projects in English or Hindi or Punjabi.**
- ❖ **A meeting was organised with the Professor Emereti to discuss the issues related to improvement in the Pedagogy and Research in the context of NEP-2020 and NAAC requirements.**

## MEMORANDUM OF UNDERSTANDINGS (MOUs) SIGNED WITH –

- ❖ **MOU between Community Education and Disability Studies and Ankur School, Sector-14 Chandigarh as a laboratory for all the practical activities as a mandatory requirement.**
- ❖ **MOU Between PU and Institute for Protein Research Osaka University, Japan to enhance Education and Academic Research in the necessary fields.**
- ❖ **Shiv Nath Rai Kohli Memorial Mid-Career Best Scientist Award was awarded to Dr. Pavleen Soni, Guru Nanak Dev University, Amritsar, Panjab Dr. Neeraj Kumar Singh, A C Joshi Library, Panjab University, Chandigarh comprising cash prize of Rs. 50,000/- each to be in the upcoming Panjab University Annual Convocation as and when held.**

- ❖ Panjab University Fellowship-2021 was awarded to the Ph.D candidates, who have qualified Panjab University Ph.D. Entrance Test-2021.

### **PROMOTION OF QUALITY RESEARCH**

- ❖ Research & Development Cell routinely e-notifies through email and notice board information on Scholarships, Fellowships and Research Grant calls made by National and International Agencies (UGC, DST, DBT, DRDO, CSIR, ICMR, Fulbright, GIAN).
- ❖ Dean Research endorsed various research proposals submitted by Faculty of different departments/institutes in Sciences & Engineering, Humanities and Social Sciences for funding and submitted to various agencies such as:
  - Department of Science & Technology (DST)
  - Department of Biotechnology (DBT)
  - Defence Research and Development Organisation (DRDO)
  - Shastri Indo-Canadian Institute (SICI)
  - Ministry of Electronics and Information Technology (MEITY, New Delhi)
  - Council of Scientific and Industrial Research
  - Indian Council of Social Science Research (ICSSR)
  - Science and Engineering Research Board (SERB)
  - Council of Scientific & Industrial Research (CSIR) etc.

Panjab University ,Senate in its various meetings held between 1st January, 2022 to 31st May, 2022 has felicitated the fellows, alumnus and students of Panjab University for their respective achievement and awards:

#### **Faculty of Arts**

- Professor Archana R. Singh, School of Communication Studies for acting as Jury Member for the Central 66<sup>th</sup> National Film Award 2018 in which the legendary Sh. Amitabh Bachchan was conferred Dadasaheb Phalke award for 2018.

#### **Faculty of Languages**

- Professor Ved Parkash Upadhyay, former Chairperson, Department of Sanskrit, Dr. Zareen Fatima, Department of Urdu and Professor Yog Raj Angrish, Chairperson, School of Punjabi Studies, on having been selected for Sahitya Academy Award.

#### **Faculty of Science**

- Dr. Gurpreet, Assistant Professor, Department of Chemistry, on having been granted patent on her invention 'A METALOSOME ASSEMBLY AND A PROCESS OR PREPARATION THEREOF'.
- Dr. Lokesh Kumar from Department of Physics on having been sanctioned a project of Rs.5.78 crore by the Department of Science and Technology, New Delhi.
- Professor Kashmir Singh, Department of Biotechnology, Panjab University, Chandigarh, on having been sanctioned a grant of Rs.50 lac for the project, "To study the crosstalk between long non-coding RNAs and MYB transcription factors for enhancement of drought tolerance in Brassica sp," by SERB, Government of India.
- Dr. Rohit Sharma, Department of Microbial Biotechnology, on having been sanctioned project of Rs.2.36 crore 'Empowering Youth for Undertaking Value Added Innovative Translational Research (E-YUVA)' by Department of Science & Technology, Government of India.
- Dr. Suman Mor, Chairperson, Department of Environment Studies, on having been awarded for Outstanding Efforts in Science & Technology Communication through Innovative and Traditional methods.

### **Fellows/Alumnus/Students of Panjab University**

- Professor S.K. Sharma, Professor Emeritus & Fellow on having been nominated as Chairperson of the Environmental Management Committee of Bureau of Indian Standards, Government of India for 3 years.
- Nirmal Jaura, Director, Youth Welfare, Panjab University, on having been awarded for Saudagar Natak by the Bhasha Vibhag.
- Shri Arun Sood, former Mayor, Municipal Corporation, Chandigarh and alumnus of Panjab University, on having been selected as President of Bhartiya Janta Party, Chandigarh Unit.
- Shri Ashok Goyal, Syndic and Fellow, Panjab University, for donating blood for more than 100 times.
- Players, Coaches, Director (Sports), Deputy Director (Sports), teachers and non-teaching staff, who have contributed, in winning the First Khelo India University games held at Bhuvneshwar, Orissa.
- Professor Emanuel Nahar on his having been appointed as Chairperson of Punjab State Commission for Minorities.
- CA Vikram Nayyar, Finance & Development Officer of our University has been appointed Non-official member of the Finance Committee of The Maharaja Bhupinder Singh Punjab Sports University, Patiala
- Dr. Rakesh Malik, Deputy Director, Sports has been appointed as a member of the Indian Olympic Association Education & Academic Committee.
- Professor Harmohinder Singh Bedi, Fellow, on having been conferred Padam Shree award by the Government of India.
- Dr. Jitender Kumar Bajaj, alumnus from Department of Physics, on having been conferred Padam Shree award by the Government of India.
- Mr. Neeraj Chopra, former student of D.A.V. College, on having been awarded Padam Shree.
- Ms. Simranjeet Kaur, Boxer and a student of one of the affiliated Colleges, on having been conferred with Arjuna Award.

## OFFICE OF THE DEAN STUDENT WELFARE

### STUDENT CENTRE

Dean Student Welfare	:	Prof. S.K. Tomar(w.e.f. 01.02.2022 Prof. Jagtar Singh)
Dean Student Welfare (W)	:	Prof. (Mrs.) Meena Sharma (w.e.f. 01.06.2022 Prof.RoopaliGarg)
Associate (DSW)	:	Prof.Ashok Kumar
Assistant Registrar	:	Mr. Anil Kumar Sharma
Dietician	:	Mrs. Ekta Bajaj

#### **Wardens:**

Boys Hostel No.1	:	Dr. Rajiv Kumar
Boys Hostel No.2	:	Dr. Tilak Raj
Boys Hostel No.3	:	Dr. Jagmahender Singh Sehrawat (w.e.f. 22.06.2022 Dr. Makhan Singh)
Boys Hostel No.4	:	Dr. Bharat
Boys Hostel No.5	:	Dr. Makhan Singh (w.e.f. 22.06.2022 Dr. Jagmahender Singh Sehrawat
Boys Hostel No.6	:	Dr. Amit Chauhan
Boys Hostel No.7	:	Dr. Arun Thakur
Boys Hostel No.8	:	Dr. Vishal Sharma
Women Hostel No.1	:	Dr. Anju Goyal
Women Hostel No.2	:	Dr. Harjit Kaur
Women Hostel No.3	:	Dr. Ravneet Kaur
Women Hostel No.4	:	Dr.Tammanna Ravee Sahrawat
Women Hostel No.5	:	Dr. Nidhi Gautam
Women Hostel No.6	:	Dr. Manisha Sharma
Women Hostel No.7	:	Dr. Jai Mala
Women Hostel No.8	:	Dr. Simran Kaur
Women Hostel No.9	:	Dr. Shipra Gupta
Women Hostel No.10	:	Dr. Varinder Kaur
Working Women Hostel	:	Dr. Avneet Saini
International Hostel	:	Dr. Harveen Kaur (w.e.f. Nov/2021 Dr. Ravneet Kaur, w.e.f. 2.2.2022 Dr. Ravinder Kaur)

The office of the Dean Student Welfare is situated in the heart of the University Campus – ‘STUDENT CENTRE’ – a four storeyed circular building – a monument symbolizing the birth place of modern, innovative & creative young minds’ application to give shape to the developmental activities of the nation in general and University in particular.

The Deans Student Welfare and their able and mature team cater to the ever-growing aspirations of the Campus Students – be it Hostel residents’ issues concerning accommodation, diet, physical fitness, recreational/cultural/social activities/talent shows/dramatic and literacy events, so as to encourage them to live like a big family, lending each other a helping hand when required, mutually cooperating to make hostel life a rich and rewarding experience or be it the issues relating to day-scholars of the Campus viz physical fitness, recreational/cultural/social activities/talent shows/dramatic/literary events and related activities. Likewise, the team of Deans Student Welfare is engaged in guiding and helping Panjab University Campus Students’ Council in attaining their objectives viz, development of skills for effective future leadership roles and excelling in every sphere of life, managing the students discipline, converging of innovative ideas to channelise their energy properly and effectively for the set goals they have framed for themselves keeping in view the principles of harmonious growth, peace and amnesty. The P.U. Campus Students’ Council comprising of four Office Bearers (President, Vice-President, Secretary, Joint Secretary), Executive Members and Departmental Representatives elected through a well-defined and approved process of elections is constituted sometime during September every year. During the year under reference the Elections to the Panjab University Campus Students’ Council were held in a free, fair and cordial manner involving all eligible students of the Campus.



### **Campus Activities:**

During the period July 1, 2021 to June30, 2022, no campus activities/functions were held as no election of PUCSC was conducted in wake of Covid 19 Pandemic.

### **HOSTEL ACTIVITIES**

A Hostel is a home away from home. Aware of the special needs and requirements of students, who come from far-flung places to this centre of learning, the Panjab University provides them surrogate home.

There are Resident Halls for students on the campus, 8 for boys and 10 for girls, one Working Women Hostel and one International Hostel. These Halls, which accommodate about 6500 students, are named after eminent men and women, historical personalities who played an important role in shaping the destiny of the world and left footprints on the sands of time like Mehar Chand Mahajan, G.G. Chatterji, Shanti Swaroop Bhatnagar, Vallabh Bhai Patel, Lala Lajpat Rai, Justice Teja Singh Samundari, Swami Vivekanada, Baba Banda Singh Bahadur, Mata Gujri, Laxmi Bai, Sarojini Naidu, Kasturba Gandhi, Savitri Bai Phule, Mother Teresa, Bebe Nanki & Florence Nightingale, Amrita Pritam Hall.

Architecturally, the hostels are aesthetically laid out with plenty of open spaces and a lot of greenery. The rooms are comfortable, fitted with fan lights and hard furniture. Sometimes, as in the case of newcomers, rooms are allotted on sharing basis. Each wing of the hostel has several verandahs and balconies. Facilities like beauty parlours / saloons, Dry Cleaners, STD/FAX booths and tailoring/embroidery booths have been provided in all Hostels.

Creature comforts are important but they are not enough. Man is a social animal and needs to interact with others. The resident students are encouraged to participate in cultural and social activities. Colorful evenings of song and dance are not unusual on the Campus. Talent shows, dramatics and literary events are organised from time to time. The inmates of hostel are encouraged to live in harmony, like a big family, lending each other a helping hand when required, mutually cooperating to make hostel life a rich and fruitful experience.

There is no doubt that during these formative years in the hostels, life-long bonds are created and friendships cemented. This is a time, which will stand out in the memory as a golden period. University experience is an important milestone in an individual's life, the stepping-stone to an adult life of responsibility and care. The hostels of P.U. try and provide an ideal atmosphere for a healthy, all round development of personality and a launching pad for a glorious career ahead.

Living in a hostel presupposes the high degree of integrity, consciousness, cooperation and hard work for a bright future and good image of the Institute.



**UNIVERSITY EMPLOYMENT INFORMATION AND GUIDANCE BUREAU  
(UEI&GB), PANJAB UNIVERSITY, CHANDIGARH.**

**Head of the Department :** Sh. Nitish Singla, PCS, Regional Employment Officer

The University Employment Information and Guidance Bureau is situated at ground floor of the Student Centre Building, Panjab University Campus. It caters the Educational and Vocational Guidance needs of the students and job-seekers, keeping in view their Educational qualification, Intelligence, Aptitudes, Interests and Socio-economic status etc.

Total no. of Post Graduates & Professional Degree holders on Live Register upto 30<sup>th</sup> June, 2022 was **1810**, out of which **256**, applicants were registered from **1st July, 2021** to **30<sup>th</sup> June, 2022**.

The office maintains one Occupational Information Room, where information pertaining to Educational and Training facilities, Job opportunities, Scholarships, Admission notifications, etc., is widely displayed in the form of advertisements, posters, prospectus etc. A total number of **590** persons visited the office for Guidance and Registration purpose from **1<sup>st</sup> July, 2021** to **30<sup>th</sup> June, 2022**. The Individual Information & Individual Guidance was given to **122** candidates respectively with regard to availability of job opportunities as per their academic qualifications. In total, **03** Career Talks were delivered for University Teaching Departments and affiliated colleges involving **74** students, with regard to the gainful employment in Government, Semi-Government & Private Sector. A total no. of notified vacancy **97** and total no. of **02** applicants were recruited against the submission of **843** applicants for various interviews/posts.

## UNIVERSITY PRESS

*Manager:* Jatinder Moudgil

*Assistant Manager:* Sukhpal Sharma

During the period under report, the Press, a service unit of Panjab University, continued to undertake and print a variety of time bound assignments as listed below:

### **I. Examination and Admission Related Work**

Examination related assignments included over one hundred result gazettes, discrepancy letters, different kinds of Instructions for Students/Examiners. Work of Conduct Branch like Supdt. File, Examiners File etc., Handbook of Hostel Rules including all work related to PU Campus, University Regional Centres at Muktsar, Hoshiarpur and Ludhiana.

### **II. Administrative Work**

Binding of various jobs of the Administrative Office including Agenda's/Proceedings of the Senate and Syndicate, work related to Convocation, budget estimates, PU Calendar Vol. I & II, ECRs, budget registers, contingency bills, imperest registers, a variety of forms and returns, peon books, attendance registers, diary/dispatch registers. Answer-books for internal (house) examinations of UIET and Evening Studies, identity cards, book cards, book pockets, due date slips, clearance certificates, membership cards, reader's tickets and call slips of university libraries, indent book, complaint slips, tender forms of XEN Office, Dental College work, P.U. Health Centre work, NSS and Youth Welfare Departments like different kinds of Performa, merit/participation certificates were also printed at the University Press.

### **III. Departmental Work**

Printing jobs of the University School of Open Learning. University press also printed letter heads of the departments.

### **IV. Election Work :**

Materials related to the conduct of elections of PU Campus Students Council and Non-Teaching Employees Unions Election Materials and Senate Election were also printed at the University Press.

### **V. Books Printed :**

Printing work of Publication Bureau. General Books, Text Books. Books printed during the year under reference include:

1. Intellectual Property 400 copies
2. Madhkali ate Muddle Bastivade 4500 copies
3. Madhkali Punjabi Kav Rang 4500 copies
4. Promising Pleaders 2000 copies
5. Madhkali Di Punjabi Kav Dhara 1000 copies

### **VI. Research Journals & Magazines Printing**

Panjab University Research Journal (Science); Parishod, Parkh, Journal UILS, Journal Dialog, Panjab University Research Journal (Arts).

Despite the continuing contexts of resource-crunch and lack of adequate infrastructural facilities, the Panjab University Press has been able to preserve, perpetuate and disseminate the wealth of ideas – bauddhik (intellectual), rachanatmak (creative and innovative) and prashashanik (administrative) – that are considered the coordinates of any great institution of learning – through the remarkable synergy of the entire staff of Panjab University Press.

## VIGILANCE CELL

### Chief Vigilance Officer (Additional Charge)

Professor Rattan Singh (from 15.11.2018 to date)

### Mandate of the Vigilance Cell

The Chief Vigilance Officer is to advise the Vice-Chancellor on vigilance complaints concerning the University offices, staff and teachers as well as to ensure probity and integrity in public administration with the following objectives:

1. to activate the vigilance machinery in the University for investigating complaints,
2. to sensitize the University community against corruption and corrupt practices,
3. to strengthen preventive vigilance by streamlining procedures, and
4. to prevent the possibilities of corruption and encourage a culture of honesty and integrity.

### Organization of the Vigilance Awareness Week (26<sup>th</sup> October to 1<sup>st</sup> November, 2021)

Panjab University (P.U.) observed the Vigilance Awareness Week from 26<sup>th</sup> October to 1<sup>st</sup> November, 2021 with the theme “*Independent India @ 75: Self Reliance with Integrity*” in line with the nation-wide initiative of the Central Vigilance Commission (CVC) to promote integrity, transparency and accountability in public life. Various Activities/Competitions/Events *i.e.*, webinars/virtual quiz/caricature making/signature campaign/slogan writing, poster making relevant to the theme were organized by the various Departments of the P.U. including the Constituent Colleges and Affiliated Colleges of P.U. in which students/staff participated enthusiastically. All Teaching/Non-Teaching Departments/Institutions/Offices/Branches of P.U. at Chandigarh, Ludhiana, Hoshiarpur, Muktsar, including Constituent Colleges commenced the week with the Integrity Pledge on 26<sup>th</sup> October, 2021. A report on the observance of the Vigilance Awareness Week was sent to the Central Vigilance Commission, New Delhi.

## DEPARTMENT OF YOUTH WELFARE

### **Online Ten Days Youth Leadership Training Camp cum Workshop**

Online Ten Days Youth Leadership Training Camp cum Workshop was organised from August 02 to 11, 2021 in which 449 students and 15 teachers participated from affiliated and constituent colleges. The theme of the workshop was 'Inspire, Engage and Enable'.

### **Panjab University Zonal Youth and Heritage Festivals**

During the session 2021-22, to motivate our students after pandemic period, the Department of Youth Welfare took a step to organize workshops, seminars, recreational competitions. About twenty thousand students from university campus, affiliated and constituent colleges, have participated in Panjab University Zonal and Inter-Zonal Youth and Heritage Festivals organised by the department during the months of November and December 2021. "*Love and Respect the Nature*" was the theme of Panjab University Youth Festivals conducted by the department in this session.

### **62<sup>nd</sup> Panjab University Inter-Zonal Youth and Heritage Festival**

The 62<sup>nd</sup> Panjab University Inter-Zonal Youth and Heritage Festival was held at A. S. College, Khanna from December 14 to 18, 2021. Principal, Dr. R. S. Jhanji was the Convener of the festival and Dr. Ravinder Jeet Singh was the Organizing Secretary. Approximately 2000 student artistes from various Panjab University Zonal Youth and Heritage Festivals participated in this festival. Khalsa College for Women, Civil Lines, Ludhiana won the Panjab University Vice Chancellor's Over All Trophy. Panjab University Vice Chancellor's Trophy 1<sup>st</sup> Runners up won by Ramgarhia Girls College, Miller Ganj, Ludhiana and Panjab University Vice Chancellor's Trophy 2<sup>nd</sup> Runners up secured by A. S. College Khanna, Ludhiana for the session 2021-22.

### **Online Workshop on "Art, Music, Heritage and Theatre"**

This 6-Days Online Workshop on "Art, Music, Heritage and Theatre items of Youth Festivals from June 07, 2021 to June 12, 2021 was organized in collaboration with the Department of Youth Welfare, Panjab University Chandigarh. Panjab University and its affiliated colleges always aim at the holistic development of their students and endeavor to raise youth as responsible citizens and perfect human beings.

#### **Workshop includes:**

Folk Dance (Jhummar, Sammi, Luddi, Malwai Gidha, Bhangra & Classical Dance)

Theatre Items

Classical Vocal

Folk Music (Heritage Items) & Heritage Craft

Fine Arts

Literary Items

### **Annual magazine "*Jawan Tarang*"**

The annual magazine of the department "*Jawan Tarang*" has been launched since 2013 with focus on Youth Activities. The 7<sup>th</sup> edition of this magazine was published during the lockdown period under the editorship of Dr. Paramjit Singh, Principal, Govt. College, Hoshiarpur and the staff editors were Dr. Monika Kapoor Verma, Ms. Raman Sidhu, Dr. Ashok Kumar, Mr. Inderpal Singh and Dr. Reema Pahuja.

The 8<sup>th</sup> edition of this magazine was published under the editorship of Dr. Agnese Dhillon, Principal, Dev Samaj College of Education, Sector- 36, Chandigarh along with staff editors Dr. Yojna Rawat, Dr. Brahma Ved Sharma, Dr. Satwant Kaur, Dr. Meenakshi Rathore and Ms. Banger Rupinder Kaur.

## DASHMESH GIRLS COLLEGE, CHAK ALLA BAKSH, MUKERIAN

### ACHIEVEMENTS IN SPORTS 2021-22

S. No	Name	Game	Weight Category	Position	Held at
1	Ms Manpreet Kaur	7 <sup>th</sup> KyoRin State Karate Championship 2021	68 Kg	Gold Medal	Ludhiana
2	Ms Kajal Kumari	-do-	50 Kg	Gold Medal	-do-
3	Ms Tamanna Devi	-do-	55 Kg	Gold Medal	-do-
4	Ms Isha Jaryal	-do-	61 Kg	Silver Medal	-do-
5	Ms Manisha Sharma	-do-	68 Kg	Silver Medal	-do-
6	Ms Ritika Rani	-do-	61 Kg	Bronze Medal	-do-
7	Ms Manpreet Kaur	Inter College Karate	61 Kg	Gold Medal	
8	Ms Ritika Rani	-do-	68Kg	Bronze Medal	
9	Ms Kalpna Devi	Inter College Gatka	Farri Soti	Bronze Medal	

### **Dasmesh Girls College, Badal**

- 1 Olympian SimranjitKaur is awarded Arjuna Award in Boxing by Govt of India
- 2 MsAmandeepKaur Assistant Prof. Physical Education is commissioned as NCC Officer (ANO)
- 3 College women teams got 3rd prize in Kho-Kho (W) PU Inter College Tournament held at Hoshiarpur on October 2021 &Kabaddi (PS) (W) PU Inter College Tournament held at Chandigarh on December 2021.
- 4 Ms. ManpreetKaur won Gold Medal in Shooting Competition at 4th Youth National Games held at Goa on 11.10.2021

#### Academic & Research

Ms Harpreet Kaur, Assistant Prof., Punjabi, presented Three Poems in a "Kaafila Online Kavi Darbar" organised by Sukhan De Warris Kaav Manch.

Ms. Amaninder Kaur Dheendsa Assistant Prof., Commerce, attended 6 day National Workshop on Research Methodology Data Analysis using SPSS organised by LPU

Two students guided by Principal Dr. S. S. Sangha received Ph. D degree in the faculty of Education

### **Dev Samaj College of Education, Hoshiarpur**

#### Major Achievements

- 1) Academic/Research Activities
  - A. D.A.V. College of Education secured third rank at National Level among 3473 beneficiary colleges in N-List Resources Program in the month of June, 2021.
  - B. On Sept 6, 2021 College organized National Webinar on E-Content Development.

- C. One Day International Training Programme on ‘Enhancing stress Management through life Skills Education’ was organized on Oct 9,2021
- D. Online One Week National Faculty Development Programme (FDP) on Research Methodology and Data Analysis from March 3-9,2022 was organized by the college.
- E. A National Level Webinar was organized by the college to celebrate International women’s Day on March8,2022

2) Other Activities

A) College organized National Level Competitions

- Performance on VandeMantaram
- Blog writing
- T-Shirt Painting
- Tri-color food

To celebrate 75<sup>th</sup> Anniversary of India’s freedom-AzadikaAmritMahotsav on August 13, 2021.

**Dev Samaj College of Education for Women, Ferozpur City**

List of Major Activities of the College		
Session: 2020-21		
Sr.No.	Name of the Activity	Date
1	COVID Vaccination Camp and Distribution of Free Masks and Sanitizers	16.07.2021
2	International Webinar Series on Implementing Technology and Emerging thoughts amongst Librarians/Students/Teachers	20.07.2021-10.08.2021
3	Participation in Online Quiz Programme conducted in the memory of Maharaja Ranjit Singh Ji	21.07.2021
4	Participation in National Level Online Essay Writing Competition on 75 Years of India’s Independence (AZADI KA AMRIT MAHOTSAV)	07.08.2021
5	Online Poster Making Competition on 75 Years of India’s Independence (AZADI KA AMRIT MAHOTSAV)	07.08.2021
6	Online Poetical Recitation on 75 Years of India’s Independence	07.08.2021
7	Online Singing Competition on Independence Day	15.08.2021
8	ICSSR, New Delhi Sponsored Online National Webinar on Covid-19 Pandemic –Impact and Challenges before Higher Education	03.09.2021
9	Online Teacher’s Day Celebration	05.09.2021
10	Observation of Vigilance Awareness Week	15.09.2021
11	Online Inter-College Video Making and Quiz Competition on the theme AZADI KA AMRIT MAHOTSAV.	21.09.2021
12	Participation in District Level Quiz Competition	06.10.2021
13	Workshop on Preparation of Lesson Plan	09.10.2021
14	Celebration of International Girl Child Day in Collaboration with Vivekananda World School, Ferozpur, Cantt.	11.10.2021
15	Extension Lecture on World Challenges in Animal Welfare	11.10.2021

16	Meeting of Principals of various schools regarding School Internship Programme	12.10.2021
17	Visit to Orphanage and Blind Home and Distribution of Woollen Clothes	13.10.2021
18	Talk on E-Waste Management	14.10.2021
19	Swacchhta Action Plan in the College Campus	25.10.2021
20	National Unity Day	31.10.2021
21	Celebration of Eco Friendly Diwali	03.11.2021
22	Sabhas in Context of 171 <sup>st</sup> Birth Anniversary of BhagwanDevAtmaJi	16.11.2021 & 24.11.2021
23	SweepJagruktaMuhim	20.11.2021-21.11.2021
24	National Constitution Day	26.11.2021
25	Slogan Writing Competition on World AIDS Day	01.12.2021
26	Rally on SwachtaAbhiyan	06.12.2021
27	Cleanliness Conduire	06.12.2021
28	Visit to Slum Area School for Charity Work	06.12.2021
29	Essay Writing Competition on Moral Values	11.12.2021
30	Talk on the use of E-Vehicles	13.12.2021
31	NSS Camp	15.12.2021-21.12.2021
32	No Vehicle Day	16.12.2021
33	Rally on JalSashaktikaran	18.12.2021
34	Online International Workshop on Engage to Educate	22.12.2021
35	One Day Online National Webinar on Philosophy of Swami Vivekananda	12.01.2022
36	Lohri Celebration	13.01.2022
37	Competition on Best out of Waste to Save Environment	17.01.2022
38	Online Celebration of Maat Pita SantaanDiwas	21.01.2022
39	Online Extension Lecture on Raising Sensitization of Gender Equality Concerns	07.02.2022
40	Sabha on Maat Pita SantaanDiwas	15.02.2022
41	Voter Awareness through Sweep Activity	19.02.2022
42	Essay Writing Competition on International Mother Language Day	21.02.2022
43	Online Quiz Competition on International Mother Language Day	21.02.2022
44	Extension Lecture on "Scientific Attitude in Everyday Life" on National Science Day	28.02.2022
45	Workshop on Sustainable Practices by MGNCRE, New Delhi	28.02.2022
46	Employee Appreciation Day in collaboration with Rotary Club, FerozpurCantt	04.03.2022
47	Workshop on N-List listing	05.03.2022
48	Faculty Exchange Programme On Adolescence Education	08.03.2022



49	Inter- College Online Essay Writing and Poster Making Competition on International Women's Day	08.03.2022
50	Alumni Meet-cum-Prize Distribution	12.03.2022
51	Exhibition on Punjabi Culture and Heritage	12.03.2022
52	Poster Making Competition on Drug De Addiction	15.03.2022
53	National Mathematics Day	17.03.2022
54	Poem Recitation and Poem Writing Competition on World Poetry Day	21.03.2022
55	Online National Webinar on ShaheediDiwas :Shahede-E-Azam S. Bhagat Singh	22.03.2022
56	Online Student Exchange ProgrammeShaheediDiwas :Shahede-E-Azam S. Bhagat Singh	22.03.2022
57	Visit to Hussainiwala Border	25.03.2022
58	Seminar on Menstrual Hygiene	28.03.2022
59	79 <sup>th</sup> Annual Athletic Meet	07.04.2022
60	Online Extension Lecture on Legal Awareness on Women Rights	12.04.2022
61	Speech Competition on the eve of Dr. AmbedkarJayanti	14.04.2022
62	Poster Making Competition on the theme Save Environment,Save Water, Save Earth, Blood Donation	16.04.2022
63	Extension Lecture on Drug De Addiction	21.04.2022
64	Workshop on Yoga	04.05.2022
65	One Day National Webinar on Cyber Security and Cyber Swachhta Mission	09.05.2022
66	Three days Student Training Workshop for Anganwadi Students at Village DulchiKe	10.05.2022-12.05.2022
67	Career Talk on the theme "Your Attitude is Your Success"	18.05.2022
68	Debate Competition on the Eve of World Earth Day	22.05.2022
69	Online Lecture on Transforming our Rural Areas: Skill Creation and Rural Industrialization	30.05.2022
70	World No Tobacco Day	31.05.2022
71	Online Intercollege Eco Photography and E Poster Making Competition on the Eve of World Environment Day	05.06.2022
72	Blood Donation Camp	07.06.2022
73	World Blood Donors Day	14.06.2022
74	Visit to Hussainiwala Border by B.Ed. USOL, P.U., Chd. Students	14.06.2022
75	Annual Prize Distribution cum Farewell Party	21.06.2022
76	International Yoga Day	21.06.2022

**Guru Gobind Singh College for Women, Sector-26, Chandigarh**

**Academic Achievements (Topper's List) for the session 2021-22:**

S. No.	Name of Student	Class & Subject	Position in PU, Chd	Marks Obtained
1.	MsKajal	B.Com (6 <sup>th</sup> Sem) (Honours Course for International Economics)	1	358 marks out of 400 (89.5%)
2.	MsRidhi	B.Com (6 <sup>th</sup> Sem) (Honours Course for International Economics)	2	357 marks out of 400 (89.25%)
3.	Ms Nikita Kumari	B.Com (6 <sup>th</sup> Sem) (Honours Course for International Economics)	3	357 marks out of 400 (89.25%)
4.	Ms Anjali Sharma	B.Com (6 <sup>th</sup> Sem) (Honours Course for International Economics)	4	355 marks out of 400 (88.75%)
5.	Ms Robin Pathak	B.Com (6 <sup>th</sup> Sem) (Honours Course for International Economics)	5	353 marks out of 400 (88.25%)
6.	MsManpreetKaur	B.Com (6 <sup>th</sup> Sem) (Honours Course for International Economics)	7	349 marks out of 400 (87.25%)
7.	MsSakshi	B.Com (6 <sup>th</sup> Sem) (Honours Course for International Economics)	8	348 marks out of 400 (87%)
8.	MsRupali	B.Com (6 <sup>th</sup> Sem) (Honours Course for International Economics)	9	348 marks out of 400 (87%)
9.	MsRamandeepKaur	B.Com (6 <sup>th</sup> Sem) (Honours Course for International Economics)	10	347 marks out of 400 (86.75%)

S. No.	Name of Student	Class & Subject	Position in PU, Chd	Marks Obtained
1.	Ms Anjali	B.Com (6 <sup>th</sup> Sem) (Honours Course for Bank Marketing)	10	328 marks out of 400 (82.00%)
2.	MsTanishaSethi	B.Com (2 <sup>nd</sup> Sem)	12	569 marks out of 660 (86.21%)
3.	MsGatima	B.Com (5 <sup>th</sup> Sem)	21	582 marks out of 600 (97%)

**GOBINDGARH PUBLIC COLLEGE, ALOUR(KHANNA)**

From 1<sup>st</sup> July, 2021 to 30<sup>th</sup> June 2022

**RESEARCH ACTIVITIES**

Following Webinars were organizing on the following topics for Quality Contribution by IQAC

SR. NO	Date	Topic Name	Moderator	Youtube Link	Resource Person
1	5-Jun-2021	Motivational Talk to students	Dr. Ruchika Jain DrGopalKrishan		Dr. K.K. Sharma Principal, Government Senior Secondary School, Naraingarh
2	7-Jun-2021	6 Days Online Workshop on Art, Music, Heritage & Theatre 7th June-12 June, 2021 Day-1 Topic: Folk Dance	Prof. SushmaMiglani	<a href="https://youtu.be/ek_e_rNKxHpo">https://youtu.be/ek_e_rNKxHpo</a>	Mr. BalkarSidhu, Vice-Chairman, SangeetNatak Academy Chandigarh Expert-Folk Dance
	8-Jun-2021	6 Days Online Workshop on Art, Music, Heritage & Theatre 7th June-12 June, 2021 Topic : Theatre, TV & Cinema	Prof. SushmaMiglani	<a href="https://youtu.be/-lpgtMMdPDE">https://youtu.be/-lpgtMMdPDE</a>	MrDaljinder Singh Basran, Actor & Director, Jalandhar, Expert- Theatre, TV & Cinema
	9-Jun-2021	6 Days Online Workshop on Art, Music, Heritage & Theatre 7th June-12 June, 2021 Topic: Indian Classical Vocalist	Prof. SushmaMiglani		Pt. DevendraVerma, Director, RashhtriyaSangitagyaParivar, Expert- Indian Classical Vocalist
	10-Jun-2021	6 Days Online Workshop on Art, Music, Heritage & Theatre 7th June-12 June, 2021 Topic: Heritage Items	Prof. SushmaMiglani	<a href="https://youtu.be/RxKt_0CSnUs">https://youtu.be/RxKt_0CSnUs</a>	Mr. Navjot Singh Mandair, Artist & Politician, Jarg, Distt. Ludhiana, Expert-Music, (Heritage Items)
	11-Jun-2021	6 Days Online Workshop on Art, Music, Heritage & Theatre 7th June-12 June, 2021 Topic: Heritage, Art & Craft	Prof. SushmaMiglani	<a href="https://youtu.be/nx_A8kgrrD3E">https://youtu.be/nx_A8kgrrD3E</a>	Prof. KirpalKazak, Ex-Professor & Fellow, Punjabi University, Patiala, Expert- Heritage, Art & Craft.
	12-Jun-	6 Days Online Workshop on Art,	Prof.		Resource Person1: Mr.

	2021	Music, Heritage & Theatre 7th June-12 June, 2021 Topic1: Fine Arts Topic2:Literary Items	SushmaMiglani		SandeepJoshi, Cartoonist, Artist, Expert- Fine Arts Resource Person1: Dr. Arun T. Patil, Adj. Faculty, AICTE, Prof. in Pharmaceutics & Quality, Assurance, SKB College of Pharmacy, Kamptee, Expert-Literary Items.
3	24-Jul-2021	Institutional Development Programme- FDP	Dr. Neena Seth Pajni		Dr. VinayakShirgurkar, Founder President and Chairman of Board of Trustees, AICP, Goa
4	2-Aug-2021	Ten Days Youth Leadership and Trainging Camp In Association with KCW Khalsa College, Civil Lines Ludhiana under the ageis of Youth Welfare Department, PU.CHD Day-1 Topic: Youth Awakening	Prof. Rupinderkaur		Chief Patron Prof. (Dr.) Raj KumarProf. Vice Chancellor, Panjab University Chandigarh Dr. NirmalJaura Director, Department of Youth WelfareDirector, Panjab University, Chandigarh Panjab University, Chandigarh Resource Person:
	3-Aug-2021	Ten Days Youth Leadership and Trainging Camp In Association with KCW Khalsa College, Civil Lines Ludhiana under the ageis of Youth Welfare Department, PU.CHD Day-2 Topic: Youth Engagement	Dr. HarbilasHeera		Resource Person: (Dr.) Sanjay Kaushik Dean College Development Council Panjab University ,Chandigarh Dr. Neena Seth Pajni Life Skill - 1 Session - II Prof. B.RupinderKaur Non Verbal Communication
	4-Aug-2021	Ten Days Youth Leadership and Trainging Camp In Association with KCW Khalsa College, Civil Lines Ludhiana under the ageis of Youth Welfare Department, PU.CHD Day-3 Topic: Youthfull Recitation	DrAmanpreet Kang		Resource Person: Chief Guest Dr. Tomar DSW Dr. MayankAnand Topic: Cross Cultural Competence Dr. Neena Seth Pajni Life Skill - 2 Session - II Prof. JatinderKaur Culture and Art
	5-Aug-2021	Ten Days Youth Leadership and Trainging Camp In	Dr.Kamaljeet Singh		Resource Person: Dr. Nandita Singh Topic

	Association with KCW Khalsa College, Civil Lines Ludhiana under the aegis of Youth Welfare Department, PU.CHD Day-4 Topic: Youthfull Eloquence			Swami VivekaNandas Ideology and Youth Dr. Neena Seth Pajni Life Skill - 3 Dr. Onkar Singh Topic: Co-Curricular Activities.
6-Aug-2021	Ten Days Youth Leadership and Trainging Camp In Association with KCW Khalsa College, Civil Lines Ludhiana under the aegis of Youth Welfare Department, PU.CHD Day-5 Topic: Youth Melody	Dr. SarvjeetKaur		Resource Person: Prof. Rajeev Chaudhary Mental Health Dr. Neena Seth Pajni Life Skill - 4 Dr. Monika Dhiman Topic: How wild animals educate us to be civilized.
7-Aug-2021	Ten Days Youth Leadership and Trainging Camp In Association with KCW Khalsa College, Civil Lines Ludhiana under the aegis of Youth Welfare Department, PU.CHD Day-6 Topic: Youthfull Voice	Dr. JatinderKaur		Resource Person: Dr. Sampson David Holistic Personality  Dr. Neena Seth Pajni Life Skill - 5 Dr. SaravjeetKaur Personality Development
8-Aug-2021	Ten Days Youth Leadership and Trainging Camp In Association with KCW Khalsa College, Civil Lines Ludhiana under the aegis of Youth Welfare Department, PU.CHD Day-7 Topic: Youthfull Interpretation	Dr. Onkar Singh		Resource Person: Dr. Bhumika Sharma Law and Significance of waste efforts  Dr. Neena Seth Pajni Life Skill - 6 Dr. Hardeep Values
9-Aug-2021	Ten Days Youth Leadership and Trainging Camp In Association with KCW Khalsa College, Civil Lines Ludhiana under the aegis of Youth Welfare Department, PU.CHD Day-8 Topic: Youthfull	Dr. AmanpreetKaur		Resource Person: Dr. RupenderKaur Role of Balance Diet for Youth  Dr. Neena Seth Pajni Life Skill - 7 Dr. Amanpreet Profession in Music

		Designing			
	10-Aug-2021	Ten Days Youth Leadership and Training Camp In Association with KCW Khalsa College, Civil Lines Ludhiana under the aegis of Youth Welfare Department, PU.CHD Day-9 Topic: Youthfull Art	Dr. HarbilasHeera		Resource Person: Dr. Sarabjit Singh Drug Abuse  Dr. Neena Seth Pajni Life Skill - 8 DrHarbilasHeera Internet Etiquettes
	11-Aug-2021	Ten Days Youth Leadership and Training Camp In Association with KCW Khalsa College, Civil Lines Ludhiana under the aegis of Youth Welfare Department, PU.CHD Day-10 Topic: Trained Youth	Dr. MonitaDhiman		Dr. NirmaJaura, Director, Youth Welfare, Panjab University, Chd. DrMukti Gill, Principal, KCW, Civil Lines, Ldh DrNeena Seth Pajni, Principal, GPC, Alour, khanna
5	12-Aug-2021	Youth Forum - IVD - 2021 - Transforming Food Systems: Youth Innovation for Human and Planetary Health	Prof. RupinderkaurBhanger , NSS Program officer DrMonitaDhiman In-charge, Youth Club KCW, Civil Lines, Ldh		Dr. NirmaJaura, Director, Youth Welfare, Panjab University, Chd. DrMukti Gill, Principal, KCW, Civil Lines, Ldh DrNeena Seth Pajni, Principal, GPC, Alour, khanna
6	13-Aug-2021	Career Counselling Session	Dr. Ruchika Jain Prof. BangeraRupinderKaur		Dr. Neena Seth Pajni
7	4-Sep-2021	How to Become Police Officer	Dr. Neena Seth Pajni		Sh. VikasSabharwal, SP, Counter Intelligence, Mohlali PB.
8	4-Sep-2021	Punjab Women Hockyy 2021in 2021Olympics-The Gurjitkaur	Dr. Neena Seth Pajni		Ms. GurjitKaur, Field Player
9	7-Sep-2021	How to Become CA/CS	Dr. Neena Seth Pajni		Ms. Shruti Gupta Chartered Accountant, Faculty, ICAI, DelhiFaculty, Ms. Rashmi Gupta Chartered Accountant, Faculty, ICAI, DelhiFaculty,

10	11-Sep-2021	How to Crack Civil Services Exam	Dr. Neena Seth Pajni		Mr. Harshit Narang, Assistant Director, Press Information Bureau
11	14-Sep-2021	Hindi Divas - Kavita Uchharan Pratiyogita	Prof. Sushma Miglani		Dr. Neena Seth Pajni
12	25-Sep-2021	Money Management	Prof. Rajesh Kumar	<a href="https://youtu.be/ItZvhOhIYkA">https://youtu.be/ItZvhOhIYkA</a>	Prof. C.K. Arivazhagan, Engineer, Empaneled Trainer to BSE-NSE, Certified Behavioral Trainer, Coimbatore, Tamilnadi
13	25-Sep-2021	How to save yourself from Cyber Crime	Prof. Narinder Pal Singh	<a href="https://youtu.be/EdgPx7g6-P4">https://youtu.be/EdgPx7g6-P4</a>	S. Gurcharan Singh, Faculty Member for Cyber Crimes, Central Detective Training Institute, Government of India, Ministry of Home Affairs.
14	27-Jan-2022	National Girl Child Day	Prof. Bangera Rupinder Kaur		Dr. Poonam Sharma, Principal Sentinel International School, Samrala
15	28-Jan-2022	RESEARCH METHODOLOGY - 7 DAY WORKSHOP Day-1 Topic: Setting the Foundation of Academic Research	Dr. Ruchika Jain		Chief Guest Prof. (Dr.) Parvinder Singh VC, Rayat Bahra University, Mohali Resource Person: Dr. Kiran Mehta Chitkara Business School, Chitkara University, Punjab
	29-Jan-2022	RESEARCH METHODOLOGY - 7 DAY WORKSHOP. Day-2 Topic: Introduction to Literature Reviews and Bibliometric Analysis	Prof. Varinder Kumar		Mr. Simranjit Singh Academic Associate, Indian School of Business, Mohali
	30-Jan-2022	RESEARCH METHODOLOGY - 7 DAY WORKSHOP Day-3: Topic Data Collection in Research and use of Digital Platform.	Prof. Aradhna Rana Prof. Pooja Sharma - Day3		Dr. Tajinderpal Singh Associate Prof. University Business School, Panjab University, Chandigarh

	31-Jan-2022	RESEARCH METHODOLIGY - 7 DAY WORKSHOP Day-4: Basic Data Analysis using SPSS - I	Prof. Rajesh Kumar		Prof. Shashi Kapoor Asst. Prof. University Business School, Panjab University Regional Centre, Ludhiana
	1-Feb-2022	RESEARCH METHODOLIGY - 7 DAY WORKSHOP Day-5: Basic Data Analysis using SPSS - II	Prof. Navneet Bhaskar Prof. Aru Bhalla		Prof. Shashi Kapoor Asst. Prof. University Business School, Panjab University Regional Centre, Ludhiana
	2-Feb-2022	RESEARCH METHODOLIGY - 7 DAY WORKSHOP Day - 6 Topic -1: Zotero: Reference Management Tools and Topic -2: How to Identify and Avoid Predatory Journals	Prof. kareena Manocha and Prof. Varinder Kumar		Resource Person 1: Dr. Rajni Bansal Assistant Professor, Chitkara School of Global Education, Chitkara University, Punjab Resource Person 2: Prof. (Dr.) Kewal Krishan Prof. and Former Chair, Dept. of Anthropology, Panjab University, Chandigarh
	3-Feb-2022	RESEARCH METHODOLIGY - 7 DAY WORKSHOP Day - 7 Writing of Quality Reseach Manuscript	Dr. Ruchika Jain		Dr. Satinder Kumar Asst. Professor School of Management Studies, Punjabi University, Patiala
16	4-Feb-2022	Intellectual Property Right	Prof. Varinder Kumar		Prof. Rupinder Tewari IPR-Chair Professor, Mentor, DST- Technology Enabling Centre Founder & Former Chairperson, Dept. of Microbial Biotechnology, Panjab University, Chandigarh.
17	8-Feb-2022	Advanced Digital Innovations and Artificial Intelligence: Together Achieve More in 21st Century Classrooms	Dr. Ruchika Jain	<a href="https://youtu.be/7-6z-TWd_5Q">https://youtu.be/7-6z-TWd_5Q</a>	Dr. Anuradha Sikri Institute for Development and Communication, Research Centre of Panjab Univeristy, Chandigarh



18	9-Feb-2022	Women Series: Women and Health (Referencing Cancer)	Prof. BangeraRupinderKaur		Dr. S.M.Bose Former Senior Prof. & HoD Surgery, PGIMER Chandigarh
	10-Feb-2022	Women Series: Women and Literature	Prof. BangeraRupinderKaur		Dr. MohiniGurav Dept. of English, Sandip University, Nashik, Maharashtra
	11-Feb-2022	Women Series: Women and Law	Prof. BangeraRupinderKaur		Prof. (Dr.) AshishVirk University Institute of Laws
	12-Feb-2022	Women Series: Women and Films	Prof. BangeraRupinderKaur		Dr. SumedhaBhandhari Dept. of Agricultural Journalism, Languages and Culture, PAU, LDH
	14-Feb-2022	Women Series: Women and Property Rights	Prof. BangeraRupinderKaur		Dr. AmanAmritCheema University Institute of Laws, Panjab University Regional Centre Ludhiana
	15-Feb-2022	Women Series: A unique initiative to promote women and faminity	Prof. BangeraRupinderKaur		Dr. NishimaWangoo Dept. of Applied Science, UIET, Panjab University, Chandigarh
	16-Feb-2022	Women Series: Women and Politics	Prof. BangeraRupinderKaur		Dr. SukhpalKaur Assistant Prof. School of Social Sciences and Liberal Arts, Jagat Guru Nanak Dev Punjab State Open Univesity, Patiala
	21-Feb-2022	Women Series: Women and Psychological Dilemmas	Prof. BangeraRupinderKaur		Ms. RajitaRamchandram Founder and Head Psychotherapist, AltMindShiftAssoicate Fellow of the Albert Ellis Institute, USA
19	24-Feb-2022	Sanskriti Aur Manav	Prof. Sushma Miglani	<a href="https://youtu.be/ykveFMkXdxQ">https://youtu.be/ykveFMkXdxQ</a>	Prof. Harish Kumar Sood "Nishchint" Former Principal, KRM DAV College, Nakodar
20	9-May-2022	Investor Awareness Program	Prof. Ruchika Jain	<a href="https://youtu.be/FtDTsd0Ug4w">https://youtu.be/FtDTsd0Ug4w</a>	Mr. Navin Rishi Soft Skills/ L & D/ Sales Professional Ambition Learning Solutions, Mumbai

21	10-May-2022	A Webinar on Mental Wellness	Dr. Neena Seth Pajni		Sh. RadheshyamBhalla, Co Founder of EVOLVE Club, Youth Consellor and Trainer at ISKCON.
22	26-May-2022	The World is My Oster	Dr. Ruchika Jain		Dr. Deepti Gupta Nee Dhamikja, Prof. Dept of English and Cultural Studies, Dean International Students, Panjab University, Chandigarh

### SPORTS ACTIVITIES

Principal is honoured as Sports Promoter during Annual Function of Panjab University Sports Council for her contribution to encourage & support students to participate and bring prizes at national level

Name of the award/ medal	University/State/National/ International	Sports Event	Name of the student
1st position	Inter College	Volley Ball	Ashish Kumar Dilraj Khan Ravinder Singh Chand Preet Singh Harpreet Singh Gursevek Sigh Mohbatpreet Singh Arshdeep Singh Saif Ali Chohan Sagar SahIB Singh
IIIrd Position	Inter College	High Jump	Vishal
IIIrd Position	Inter College	20 KM Walk	Rahul
IIInd Position	Inter College	Weight Lifting	NavjotKaur
Ist Position	Inter College	Weight Lifting	JasmeenKaur
IIInd Position	Inter College	Wrestling (Greco Roman)	Raj karan Singh
IIIrd Position	Inter College	WREstling (FREE STYLE)	PrikshitChauhaan
1st position	Inter College	cycling on road	Ekampreet Singh
1st position	Inter College	Cycling on track	Ekampreet Singh
2nd positon	Inter College	cycling on road	Gunkaran Singh
2nd positon	Inter College	Cycling on track	Gunkaran Singh
1st position	Inter College	Rowing(M2X-2KM)	SahilModgill
1st position	Inter College	Weight Lifting	Parveen
2nd positon	Inter College	Weight Lifting	Tejveer Singh
3rd	Inter College	Weight Lifting	AbhimaniyuPandey

2nd position	Inter College	Weight Lifting	Amandeep Singh
1st position	Inter College	Weight Lifting	Lovedeep Singh
1st position	Inter University	Rowing	SahilModgill
1st position	All India Inter University	Rowing	Ankit Kumar

### **ACADEMIC ACHIEVEMENTS**

In the academic sphere, our students have shown very good results. The College has four streams-Arts, Commerce, Business Administration & Computer Application. Performance of our students in all the streams is remarkable.

#### **FIRST THREE TOPPERS IN UNIVERSITY EXAMS-MAY/JUN-2022**

- In BCA-2ndSemester- GurmanjotKaur(69.25%), KomalKumari (69.25%) Satnam Singh (67.50%), BhushanBindal(64.50%).
- In BCA-4thSemester- ChetanVerma got 1st Position according to University Merit list by securing 93.33%,Ayushi Pandey (82.13%), Savita Rani (74.67%).
- In BCA-6thSemester- HarmanjotKaur( 87.02%), SatwinderKaur ( 85.53%)AadityaShukla ( 76.89% ).
- In B.Com-2nd Semester- Samiksha Gupta (81.97), SanjitaSingla (81.52), AbhishekSharma(80.91).
- In B.Com-4thSemester- SukhwinderSingh(91.67%) ,Preety (83.67%), Harjot Singh(82.50%).
- In B.Com-6thSemester- KomalpreetKaur( 86.72%), DishaGoyal ( 86.43% )NishaMorya( 83.83% ).
- In BBA-2<sup>nd</sup>Semester- Ananya (76.36%), Payal (67.64%),Ishika Sharma(66.73%).
- In BBA-4thSemester- NirmalpreetKaur (74.55%), JasleenKaur(72.72%) , GurdeepKaur (72.36%)
- In BBA-6thSemester- KhushiGoyal got 2nd Position according to University Merit List by securing 88.53%, Tamanna( 82.59%),SimranSaini ( 82.47%).
- In B.A-2<sup>nd</sup>Semester- Isha (83.75%), Paramjot Singh (78.25%), LeenaGoyal (76.78%).
- In B.A-4thSemester- Chelcy Gupta (84.05%),Rajni (81.38%),Garima Singh (80.50%).
- In B.A-6thSemester- BhawnaBansal( 82.38%), Ritika Chopra (81.50%), Anjali ( 80%).
- In M.A.(English)-2<sup>nd</sup> Semester-ShampyChawla (60.50%), Jagriti (55.25%), Himani Sharma (51.25%).
- In M.A.(English)-4<sup>th</sup> Semester-Arshita Sharma (70.94%), Krishma Mann (70.81%), SatvirKaur (68.75%).
- In PGDCA-2<sup>nd</sup> Semester- JasleenKaur(86.4% ), RanjeetKaur(83.4%), RubiKumari(83% ).

### **MCM DAV Sector-36, Chandigarh**

3.4.2 Number of awards and recognitions received for extension activities from government/ government recognized bodies during the year				
S. No.	Name of the activity	Name of the Award/ recognition for Institution for the Institution	Name of the Awarding government/ government recognised bodies	Year of award
<b>INSTITUTIONAL</b>				
1	For conducting activities related to Innovation, Entrepreneurship, Start-up and IPR as per MIC (Ministry of Education's Innovation Cell) in letter and spirit.	Appreciation Certificate with 4 Star Rating, Mehr Chand Mahajan DAV College for Women, Chandigarh	Ministry of Education, Government of India	2021-22

2	For conducting activities related to Innovation, Entrepreneurship, Start-up and IPR as per MIC (Ministry of Education's Innovation Cell) in letter and spirit.	Recognized in the band "PERFORMER" under the category "General (Non-Technical)" in Atal Ranking of Institutions on Innovation Achievement (ARIIA) 2021	Ministry of Education, Government of India	2021-22
3	Valuable services to COVID-19 patients under Each One Reach Beat Covid Campaign	Recognition as Beat COVID Campaign Institution.	Mahatma Gandhi National Council of Rural Education (MGNCRE), Department of Higher Education, Ministry of Education, Government of India	2021-22
4	Sanitation, Hygiene, Waste Management, Water Management, Energy Management and Greenery Management	Certificate of Recognition as Sustainable Campus	Mahatma Gandhi National Council of Rural Education (MGNCRE), Ministry of Education, Government of India	2021-22
5	Use of Gandhi Chhadi and Waste Management Swachhta Drive	Certificate of Appreciation for successfully completing the Use of Gandhi Chhadi and Waste Management Swachhta Drive Phase 1	Mahatma Gandhi National Council of Rural Education Ministry of Education Government of India.	2021-22
6	Recognition of our contribution in swachhta activities	First Rank in the city in the 'Swachh Office' category during the SwachhPrerakSammanSamaroh -2022 by Municipal Corporation, Chandigarh.	Swachh Sarvekshan,2022 by Municipal Corporation, Chandigarh	2021-22
7	Outstanding Contribution in Community Service under the National Service Scheme	Best NSS Unit during State NSS Awards 2021-22	Ministry of Youth Affairs and Sports, Government of India and Chandigarh Administration	2021-22
8	Best Herbal Garden Award	Best Herbal Garden Award	Department of Environment, Chandigarh Administration	2021-22
9	Largest Plantation Drive	Certificate of Appreciation for successfully completing the Largest Plantation Drive in Higher Educational Institutions Across Chandigarh	Mahatma Gandhi National Council of Rural Education (MGNCRE), Ministry of Education, Government of India	2021-22

10	Exceptionaal Contribution in successfully organising the awareness programme National Intellectual Property Awareness Mission	Certificate of Appreciation in Recognition of active participation in the National Intellectual Property Awareness Mission	Government of India, Ministry of Commerce and Industry and Internal Trade, Office of Controller General of Patents design and trade marks	2021-22
11	Selfie with a Plant	Certificate of Appreciation for successfully conducting the largest Environment Awareness Activity "Selfie with a Plant" in Higher Educational Institutions Across Chandigarh	Mahatma Gandhi National Council of Rural Education (MGNCRE), Ministry of Education, Government of India	2021-22
<b>INDIVIDUAL AWARDS</b>				
12	Valuable services to COVID-19 patients under Each One Reach Beat Covid Campaign	Dr. NishaBhargava (Principal) received a Certificate of Appreciation from Mahatma Gandhi National Council of Rural Education (MGNCRE), Ministry of Education, Government of India	Mahatma Gandhi National Council of Rural Education (MGNCRE), Ministry of Education, Government of India	2021-22
13	Successfully conducting and coordinating the Gandhi Chhadi-Phase I for Waste segregation.	Dr. NishaBhargava (Principal) received a Certificate of Appreciation from Mahatma Gandhi National Council of Rural Education (MGNCRE), Ministry of Education, Government of India	Mahatma Gandhi National Council of Rural Education (MGNCRE), Ministry of Education, Government of India	2021-22
14	Conducting a significant number of research studies on various issues of social relevance and welfare	Dr. NishaBhargava (Principal) received an Appreciation Letter from PostGraduate Institute of Medical Education & Research (PGIMER), Chandigarh for conducting a significant number of research studies on various issues of social relevance and welfare.	PostGraduate Institute of Medical Education & Research (PGIMER), Chandigarh	2021-22
15	Sincere contribution to the field of journalism	Dr. NishaBhargava (Principal) was conferred Citizen Journalist Award by International Chamber of Media and Entertainment industry	International Chamber of Media and Entertainment industry	2021-22
16	Conducting Swachhta activities	Dr. NishaBhargava (Principal) received an Appreciation Letter from MGNCRE, Ministry of Education, Government of India for carrying out Swachhta activities.	Mahatma Gandhi National Council of Rural Education (MGNCRE), Ministry of Education,	2021-22

			Government of India	
17	Conducting the Intellectual Property Awareness Program	Dr. NishaBhargava (Principal) received a Certificate from Ministry of Commerce and Industries, Government of India for conducting the Intellectual Property Awareness Program.	Ministry of Commerce and Industries, Government of India	2021-22
18	Best Herbal Garden Award	Dr. NishaBhargava (Principal) was awarded the Best Herbal Garden Award	Department of Environment, Chandigarh Administration	2021-22
19	Organizing Green activities on the campus on the occasion of World Environment Day 2022	Dr. NishaBhargava (Principal) received a Certificate of Appreciation from MGNCRE, Ministry of Education, Govt. of India for organizing Green activities on the occasion of World Environment Day 2022.	Mahatma Gandhi National Council of Rural Education (MGNCRE), Ministry of Education, Government of India	2021-22
20	Successfully conducting the largest Environment Awareness Activity "Selfie with a Plant" in Higher Educational Institutions Across Chandigarh	Dr. NishaBhargava (Principal) received a Certificate of Appreciation for successfully conducting the largest Environment Awareness Activity "Selfie with a Plant" in Higher Educational Institutions Across Chandigarh	Mahatma Gandhi National Council of Rural Education (MGNCRE), Ministry of Education, Government of India	2021-22
21	Outstanding Contribution in Community Service under the National Service Scheme	DrPallvi Rani received the award for her contribution (Best NSS Unit during State NSS Awards 2021-22)	Ministry of Youth Affairs and Sports, Government of India and Chandigarh Administration	2021-22
22	Valuable services to COVID-19 patients under Each One Reach Beat Covid Campaign	Dr. Vandana Sharma received a Certificate of Appreciation from Mahatma Gandhi National Council of Rural Education (MGNCRE), Ministry of Education, Government of India	Mahatma Gandhi National Council of Rural Education (MGNCRE), Ministry of Education, Government of India	2021-22
23	Valuable services to COVID-19 patients under Each One Reach Beat Covid Campaign	Dr. SandeepKaur received a Certificate of Appreciation from Mahatma Gandhi National Council of Rural Education (MGNCRE), Ministry of Education, Government of India	Mahatma Gandhi National Council of Rural Education (MGNCRE), Ministry of Education, Government of India	2021-22
24	Successfully conducting and coordinating the Swachhta Action Plan Activities (SAP) 2021-22 and Step up! Conserve Water on Campus.	Dr. Vandana Sharma received a Certificate of Appreciation from Mahatma Gandhi National Council of Rural Education (MGNCRE), Ministry of Education,	Mahatma Gandhi National Council of Rural Education (MGNCRE), Ministry of Education,	2021-22

		Government of India	Government of India	
25	Successfully conducting and coordinating the Swachhta Action Plan Activities (SAP) 2021-22 and Step up! Conserve Water on Campus.	Dr. SandeepKaur received a Certificate of Appreciation from Mahatma Gandhi National Council of Rural Education (MGNCRE), Ministry of Education, Government of India	Mahatma Gandhi National Council of Rural Education (MGNCRE), Ministry of Education, Government of India	2021-22
26	Successfully conducting and coordinating the Gandhi Chhadi-Phase I for Waste segregation.	Dr. Vandana Sharma received a Certificate of Appreciation from Mahatma Gandhi National Council of Rural Education (MGNCRE), Ministry of Education, Government of India	Mahatma Gandhi National Council of Rural Education (MGNCRE), Ministry of Education, Government of India	2021-22
27	Successfully conducting and coordinating the Gandhi Chhadi-Phase I for Waste segregation.	Dr. SandeepKaur received a Certificate of Appreciation from Mahatma Gandhi National Council of Rural Education (MGNCRE), Ministry of Education, Government of India	Mahatma Gandhi National Council of Rural Education (MGNCRE), Ministry of Education, Government of India to	2021-22
28	Exemplary contributions and committed work done in the areas of Sanitation, Hygiene, Waste management, Water Management, Energy management and Greenery management.	Dr. Vandana Sharma was given Letter of Appreciation from Mahatma Gandhi National Council of Rural Education (MGNCRE), Ministry of Education, Government of India	Mahatma Gandhi National Council of Rural Education (MGNCRE), Ministry of Education, Government of India	2021-22
29	Exemplary contributions and committed work done in the areas of Sanitation, Hygiene, Waste management, Water Management, Energy management and Greenery management.	Dr. SandeepKaur was given Letter of Appreciation from Mahatma Gandhi National Council of Rural Education (MGNCRE), Ministry of Education, Government of India	Mahatma Gandhi National Council of Rural Education (MGNCRE), Ministry of Education, Government of India	2021-22
30	Organizing Green activities on the campus on the occasion of World Environment Day 2022	Dr. Vandana Sharma received a Certificate of Appreciation from MGNCRE, Ministry of Education, Govt. of India for organizing Green activities on the occasion of World Environment Day 2022.	Mahatma Gandhi National Council of Rural Education (MGNCRE), Ministry of Education, Government of India	2021-22

31	Organizing Green activities on the campus on the occasion of World Environment Day 2022	Dr. Pallvi Rani received a Certificate of Appreciation from MGNCRE, Ministry of Education, Govt. of India for organizing Green activities on the occasion of World Environment Day 2022.	Mahatma Gandhi National Council of Rural Education (MGNCRE), Ministry of Education, Government of India	2021-22
32	Organizing Green activities on the campus on the occasion of World Environment Day 2022	Dr. PurnimaBhandari received a Certificate of Appreciation from MGNCRE, Ministry of Education, Govt. of India for organizing Green activities on the occasion of World Environment Day 2022.	Mahatma Gandhi National Council of Rural Education (MGNCRE), Ministry of Education, Government of India	2021-22
33	Organizing Green activities on the campus on the occasion of World Environment Day 2022	Dr. MinakshiRana received a Certificate of Appreciation from MGNCRE, Ministry of Education, Govt. of India for organizing Green activities on the occasion of World Environment Day 2022.	Mahatma Gandhi National Council of Rural Education (MGNCRE), Ministry of Education, Government of India	2021-22

### **Rayat College of Education, Railmajra**

#### **ANNUAL REPORT FROM JUNE,2021 – JULY,2022**

*Rayat College of Education celebrated Environment Week (June 05-11,2021) with a theme “Time for Nature” organized by Science Club of RCE. Different Virtual competitions were organized throughout the week. Students from different Schools and College of education participated in the event. These were:*

- Best out of Waste
- Photography on Environmental issues
- Free Hand painting of Nature
- Plantation for Sustainable Development

In Best out of Waste Competition Radhika, SDS College of Education, Lapon and Kiranpreet from SBHSM Khalsa College of Education, Mahilpur and Geetanshu, Nankana College of Education, KotGanguRai Ludhiana got First Prize in College Category. Japleen of DAV Public Sen. Sec. School, Mohali Got First Prize in Student’s Category.

In Free Hand Painting Competition Monika Bhardwaj, RCE, Railmajra, RajpreetKaur&Preeti Kishore from BCM College of Education, LDH. Got first prize in College Category

In Photography Competition with Caption PriyaPathak, DAV College of Education, HSP,AvleenDhillon SBHSM College of Education, Mahilpur Got First prize and Ayushman from St. Saupins School, Chd. Got first prize in student’s Category.

*Diwali was celebrated on 1<sup>st</sup>November, 2021. Following competitions were organized*

\*Candle Decoration

\*Diya Decoration

\* Rangoli

Students participated in all the events with full zeal and enthusiasm.

*The Zonal Youth and Heritage festival of Panjab University was held from 28th October to 31<sup>st</sup>October at 2022,atSant Baba Hari Singh Memorial College of Education, Mahilpur.*



The students of R.C.E participated in different items, and got prize in poem writing second prize and Debate First prize, in total 22 colleges participated and more than 350 students participants were in this festival.

Director Principal Dr. JagdeepKaur was there as a guest, college faculty members and co-ordinator of co-curricular activities accompanied students to motivate them. With rigorous practice and enthusiasm our students got first and second prize in two items and bring laurels to the RGI group.

7 Days NSS Special Camp was organized on the Theme "Health Public Sanitation and Personal Hygiene" was held from December 18, 2022 to December 24, 2022. During the camp medical health Checkup was organized. Dr. ShashiSourav from Manav Hospital was invited. He also delivered talk on health and hygiene. Cleanliness Drive was organized by the students on third day. On 4<sup>th</sup> Day Slogan writing and Poster making contest was organized on the Theme "Health hygiene and Drug Addiction. The students were also taken to Archaeological Museum to give them knowledge about The Ancient Civilization. As a part of community service Students were taken to GurudwaraTibbisahab where they prepared langar, cleaned utensils and served langar to all the community members. On second last day, Ms. MohinderKaur, The Motivational Speaker was invited to motivate students. She taught them the importance of life skills. On last day, Yoga and Meditation sessions were held to energize the students by Dr. Anjali Sharma.

### S.D. College, Moga

Academic/Research/Sports/Other Activities  
July 2021-June 2022

Sr. No.	Date of implementation (DD-MM-YYYY)	Name of the capability enhancement program	Name of the agencies/consultants involved with contact details (if any)
1	15.07.2021	Planting Trees under Herbal Garden	Eco Club
2	22.07.2021	Cooking Competition & Fashion Technology	B.Sc.(Fashion Designing)
3	22.07.2021	Making Selfie point under "Cheer up Olympics Team"	Physical Education ,NSS
4	15.08.2021	Inter College Online Essay Writing Competition	PG Dept. of Punjabi
5	20.08.2021	TeejMela	Punjabi Dept.
6	15.08.2021-16.08.2021	Online Speech Competition	English Department
7	15.08.2021	Video Making Competition	NSS and NCC Unit
8	20.08.2021	Seminar on Career Guidance	Career Guidance Cell
9	23.08.2021	Virtual Story Telling Competition	Computer Department
10	13.08.2021-02.10.2021	Under Fit India Freedom Run Quiz Competition on Sports	Physical Education Department
11	01.09.2021	Workshop on 'Curricular Vitae Making'	B.Voc.(HAM)
12	04.09.2021	Invited Lecture on Healthy Life style Modification celebrating National Nutrition Week	B.Voc.(FPQM)
13	07.09.2021	Slogan Writing Competition celebrating PoshanMaah Sep 2021 Topic-Nutritive Food for Pregnent Women	B.Voc.(FPQM)
14	04.09.2021	Teacher's Day Celebration	Commerce Dept. and English Dept.

15	06.09.2021	Speech Competition Topic 'Things you learn during Lockdown'	English Dept.
16	08.09.2021	Online Essay Competition on International Literacy Day	PG Department of English
17	08.09.2021	Online Slogan Writing Competition on International Literacy Day	Punjabi Sahit Sabha PG Dept of Punjabi
18	05.09.2021	Fit India Run under 75th independence Anniversary Celebration	NCC Unit
19	09.09.2021	Mega Rozgar Mela under Ghar Ghar Rozgar Yojana	Career Counselling and Placement Cell
20	10.09.2021	Poster Presentation competition celebrating "World Suicide Prevention Day"	B.Voc(FPQM)
21	13.09.2021	Registration camp organized by employment exchange	Career Counselling and Placement Cell
22	14.09.2021	On Hindi Divas Multimedia Show	Hindi Dept.
23	14.09.2021	Skit Presentation celebrating "World First Aid Day"	B.Voc.(HAM)
24	15.09.2021	Multimedia show on "International Day of Democracy"	Dept. of Political Science
25	18.09.2021	Quiz Competition on Computer Fundamentals	Dept. of Computer Science
26	18.09.2021-20.09.2021	Workshop on Uses of Digital Library	Department of English
27	22.09.2021	Talent Hunt Programme	Youth Welfare Cell and Red Ribbon Club
28	24.09.2021	Debate Competition on online teaching and learning "Speak openly Debate Honestly"	PG Dept. of Commerce
29	24.09.2021	Celebrating NSS Day	NSS Unit
30	25.09.2021	Awareness Program on Gender Equality	Legal Literacy and Equal Opportunity Club
31	26.09.2021	Multimedia show Birth anniversary of S. Bhagat Singh	History Department
32	28.09.2021	Multimedia show Abhigyan Shakuntalam 14	English Dept.
33	29.09.2021	World Heart Day speech Presentation	B.Voc.(HAM)
34	30.09.2021	Multimedia Show on Model Millionaire"	English Dept.
35	01.10.2021-31.10.2021	Clean India campaign	NSS Unit
36	02.10.2021	Inter college online Poster Making and slogan writing competition	History Department
37	16.10.2021	Multimedia show on "The Big Bull"	PG Department of Commerce
38	16.10.2021	Multimedia Show on world student's Day	Pol. Sci. Dept.

39	18.10.2021	Quiz competition an "world Food Day"	B.Voc.(FPQM)
40	23.10.2021	KarwachouthMela	Fashion Designing Dept.
41	20.10.2021	World Aids Day	B.Voc.(HAM)
42	25.10.2021- 30.10.2021	Workshop on "Research Methods for Language and Literature Studies"	English Department
43	27.10.2021	Invited Lecture on "Green Living"	Swachh Bharat Abhiyan, Eco Club, Harbal Garden
44	28.10.2021	Cyber Security Awareness Program	Computer Department
45	01.11.2021	Pledge on RashtriyaEkta Divas	NSS
46	02.11.2021	Diwali Mela	Department of Fashion Designing
47	01.11.2021	Celebrating "World Vegan Day"	B.Voc.(FPQM)
48	08-10,11.2021	Three Day Symposium on "How to write Research Paper"	IQAC
49	12.11.2021	Awareness Lecture on "UGC Guidelines on Anti Ragging & Eve Teasing"	ICC in collaboration with PG Dept. of Commerce
50	20.11.2021	Chess Competition	Physical Education Department
51	15.01.2022	Online Good Handwriting Competition	PG Department Punjabi
52	01-11.2021- 30.11.2021	Punjabi MaahBoli	Punjabi Department
53	22.11.2021	AzadiKaAmritMahautsav	Commerce Dept
54	23.11.2021	Trip to Amritsar	Fashion Designing Department
55	24.11.2021	One Act Play	PG Dept. of Commerce
56	24.11.2021	Fresher's Party	Department of Commerce
57	26.11.2021	Celebrating Constitution Day	Legal Literacy and Equal Opp. Club and Pol. Sci. and History Dept.
58	29.11.2021	75th Anniversary of Indian Independence	Department of Pol. Sci.
59	29.11.2021	Webinar on High Pressure Processing	B.Voc.(FPQM)
60	29.11.2021	Inter College Fest	DevSmaj College
61	04.12.2021	Trip to Jalandhar	PG Dept. of Commerce
62	17.12.2021	Online Survey on "Quality and Nutritional Parameter of Food"	B.Voc.(FPQM)
63	10.01.2022	Training orientation Course	NSS Unit
64	21.03.2022	Multimedia Show on "Health and Nutritional issue in Children"	NSS, NCC, Youth Welfare Cell, Dept of Phy. Edu,B.Voc(FPQM)
65	10.01.2022	Workshop on Tomato Processing-Tomato ketchup	B.VOC(FPQM)
66	12.01.2022	Multimedia show on "Swastha Bharat-Balika"	B.VOC,NCC,NSS,YouthWelfare,Sports Dept.
67	24.01.2022	Online Essay Writing Competition	Youth WelfareNSS
68	22.02.2022	National Girl Child Day	NSS,Youth WELFARE

69	23.02.2022	Support Voting during Education	NCC
70	23.02.2022	Mother Tongue Day	Punjabi Dept.
71	08.03.2022	Multimedia Show on "Novel Draeula"	English Dept.
72	09.03.2022	International Women's Day	Punjabi Dept.
73	15-22,03.2022	Health Campaign	B.Voc(FPQM)
74	22.03.2022	Free Karate Training	Physical Education Dept.
75	24.03.2022	Shahedia Divas Celebration	History Dept.
76	25.03.2022	National Tobacco Day	B.Voc.(FPQM)
77	28.03.2022	Demonstration on Cake formation	B.Voc.(HAM)
78	28.03.2022	Vichar Charcha	Punjabi Dept.
79	29.03.2022	Food habits among adolescents	B.Voc.(FPQM)
80	01.04.2022	Pariksha Pe Charcha	NSS
81	01.04.2022	Azadi Ka Amrit Mahotsav (Surya Namaskar)	Physical Education Department
82	07.04.2022	Online Quiz Competition on World Health Day	B.Voc.(FPQM)
83	07.04.2022	Resume Writing	Computer Department
84	11.04.2022	Multimedia Show on JalianwalaBagh Saka	Punjabi Department
85	13.04.2022	PPT on JalianwalaBagh Saka	History Department
86	15.04.2022	Online Paper Reading	Punjabi Department
87	22.04.2022	Earth Day Celebration	Eco Club, Swachh Bharat Abhiyan, Red Ribbon Club
88	23.04.2022	Chart Making Competition	Red Ribbon Club, Eco Club
89	26.04.2022	Nukad Natak	NCC, NSS, Buddy, Red Ribbon, Red Cross
90	25.04.2022	"Drug De-Addiction one act Play"	Buddy Group, Red Cross, NCC Unit, Red Ribbon
91	27.04.2022	Hardy's World Trip	Commerce Dept.
92	21.05.2022	Surya Namaskar Programme	Physical Education Dept.
93	13.05.2022	Quiz Competition	Physical Education Dept.
94	11.05.2022	Extension Lecture on Cyber Jagrukta Diwas	NSS and Physical Education Dept.
95	05.05.2022	Industry Visit	Fashion Designing Dept.
96	06.05.2022	One Day trip to Fun (Talwandi Bhai) Island	Computer Science Dept.
97	10.05.2022	Industrial Visit (Paras Pvt. Ltd.)	B.Voc(FPQM)
98	09.05.2022	Seminar Against Drug Addiction in collaboration Sanjh Kendra City Moga	NCC, NSS, Red Ribbon, Red Cross
99	10.05.2022	Multimedia Show on E-Waste & Toxic Trail	Computer Department

100	12.05.2022	Industrial Visit (Paras Pvt. Ltd.)	Commerce Department
101	12.05.2022	Boutique Opening Ceremony	Fashion Designing Department
102	12,13,14.05.2022	3 Day's Exhibition	Fashion Designing Department
103	13.05.2022	Extension Lecture on (How to prevent Thalassemia)International Thalassemia Day	Red Ribbon Club
104	17.05.2022 &18.05.2022	Job Drive in colloboration NIIT & IFB	Career Counselling& Placements cell, Commerce Dept.
105	18.05.2022	Parent's Teacher Meeting	Commerce Dept.
106	18.05.2022	Placement Drive (Pacific Asia Consulting Expertis)	B.Voc.(HAM)
107	19.05.2022	Group Discussion	Commerce Dept.
108	28.05.2022	Lect on Women Health & Hygiene on World Women Health Day	B.Voc. Dept.
109	24.05.2022	Book Donation Camp by Library Advisory Committee	Library Committee
110	07.06.2022	Invited Lecture on Santization (World Food Safety Day)	B.Voc.(FPQM)
111	09.06.2022	Butter Cake and Muffins	B.Voc.(FPQM)
112	17.06.2022	Extension Lecture on (World combat Desertification &Drangut Day)	NSS, Eco Club
113	25.06.2022	Cookery Class	B.Voc.(FPQM)

## UNIVERSITY STATISTICS

Reference circular No.-2077-2105/R&S dated 16.03.2023 regarding supply of information for inclusion in the annual report for the period from July 1, 2021 to June 30, 2022. The required information is as under:-

### **Under-graduate Classes**

Total No. of A/books = 11,28,962+26933=11,55,895

Total No. of Examiners = 5251+2854=8105

Total No. of Paper-setters = 10071

### **Post-graduate Classes**

Total No. of A/books = 157753

Total No. of Examiners = 5109

Total No. of Paper-setters =5191+3315=8506 (OSS-III+OSS-IV)

### **Diploma courses**

Total No. of A/books = 7003

Total No. of Examiners = 401

# PANJAB UNIVERSITY, CHANDIGARH

## EXAMINATION CENTRES FROM 1.7.2021 to 30.06.2022

### Entrance Tests

August, 2021 to October, 2021 78 (Offline mode)

### August to September, 2021

Additional/Improvement & Golden Chance 5 (Offline mode)

B.Ed. 2<sup>nd</sup> Semester System examinations Through Online mode

### October, 2021 to April, 2022

Professional examinations 27 (Offline mode)

### January to February, 2022

Under-Graduate/Post Graduate Semester System examinations (Even) Through Online mode

B.Ed./M.Ed. Semester System examinations Through Online mode

### Examinations commenced from May, 2022 and continued upto July, 2022

Professional examinations 20 (Offline mode)

Under-Graduate/Post Graduate Odd Semester System examinations 226(Offline mode)

B.Ed./M.Ed. Semester System examinations 60 (Offline mode)

## UNIVERSITY MEETINGS

<b>Faculty</b>	<b>No of Meetings</b>
Medical Sciences	02
Combined Faculties	01
Arts	02
Science	02
Law	02
Languages	02



**Table 1**

**University Affiliated Colleges**

Total number of Affiliated and Constituent Colleges: 202+6

	<b>Affiliated Colleges</b>			<b>Constituent Colleges</b>
	<b>Govt.</b>	<b>Non- Govt.</b>	<b>Total</b>	
Punjab	25	151	176	6
UT, Chandigarh	15	11	26	0
<b>Total</b>	<b>40</b>	<b>162</b>	<b>202</b>	<b>6</b>

**Classification of Professional Colleges according to faculty**

**Number of Colleges within the Jurisdiction of the University**

Medical Sciences	2
Design & Fine Arts	2
Engineering & Technology	2
Law	7
Education	66
Management	1
Constituent Colleges (Arts & Science)	6

**TABLE-II**  
**COLLEGE STATISTICAL INFORMATION 2021-22**

S. No.	Name of the College	Name of Class	Faculty	UG/PG	Total No. of Seats	Total Enrollment			Total Enrollment Total	General Category				SC				ST				OBC				Physically Handicapped			
						Boys	Girls	Transgender		Boys	Girls	Transgender	Total	Boys	Girls	Transgender	Total	Boys	Girls	Transgender	Total	Boys	Girls	Transgender	Total	Boys	Girls	Transgender	Total
			Arts/ Science/ Commerce/Education/ Engg & Technology /Languages/Law			Boys	Girls	Transgender	Total	Boys	Girls	Transgender	Total	Boys	Girls	Transgender	Total	Boys	Girls	Transgender	Total	Boys	Girls	Transgender	Total	Boys	Girls	Transgender	Total
1	Govt College Husnar Gidderbaha	BA-1	ARTS	UG	81	58	23	0	81	15	5	0	20	32	12	0	44	0	0	0	0	11	6	0	17	0	0	0	0
2	Guru Teg Bahadur Khalsa College of Education, Dasuya	B.Ed.	Education	UG	100	5	95	0	100	1	45	0	46	2	34	0	36	0	0	0	0	2	16	0	18	0	0	0	0
3	Sai College of Education Sardulapur Hoshiarpur	B.Ed.	Education	UG	200	11	151	0	168	3	88	0	91	4	51	0	55	0	0	0	0	4	18	0	22	0	0	0	0
4	D.M.College, Moga	B.A	Arts	UG	Unlimited	148	32	0	180	94	17	0	111	33	7	0	40	0	0	0	0	21	8	0	29	0	0	0	0
	D.M.College, Moga	B.SC	Science	UG	Unlimited	62	97	0	159	32	62	0	94	9	16	0	25	0	0	0	0	21	19	0	40	0	0	0	0
	D.M.College, Moga	B.Com	commerce	UG	225	155	52	0	207	134	45	0	179	2	2	0	4	0	0	0	0	19	5	0	24	0	0	0	0
	D.M.College, Moga	BCA	Computer	UG	120	46	18	0	64	40	10	0	50	1	2	0	3	0	0	0	0	5	6	0	11	0	0	0	0
	D.M.College, Moga	M.A	Arts	PG	360	18	18	0	36	17	15	0	32	0	3	0	3	0	0	0	0	1	0	0	1	0	0	0	0
	D.M.College, Moga	M.Sc	Arts/ Science	PG	60	4	16	0	20	1	14	0	15	1	1	0	2	0	0	0	0	2	1	0	3	0	0	0	0
	D.M.College, Moga	PGDCA	Computer Science	PG	60	6	6	0	12	4	3	0	7	1	1	0	2	0	0	0	0	1	2	0	3	0	0	0	0
5	Guru Gobind Singh College of Education, Giddarbaha	B.Ed. 1st Year	Education	UG	150	27	108	0	135	13	79	0	92	3	12	0	15	0	0	0	0	11	17	0	28	0	1	0	1
	Guru Gobind Singh College of Education, Giddarbaha	B.Ed. 2nd Year	Education	UG	150	0	71	0	71	0	51	0	51	0	8	0	8	0	0	0	0	0	12	0	12	0	0	0	0
	Guru Gobind Singh College of Education, Giddarbaha	M.Ed. 1st Year	Education	PG	50	2	9	0	11	0	8	0	8	2	0	0	2	0	0	0	0	0	1	0	1	0	0	0	0
	Guru Gobind Singh College of Education, Giddarbaha	M.Ed. 2nd Year	Education	PG	50	0	5	0	5	0	4	0	4	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
6	Malwa College Bondli Samrala	B.A.1ST YEAR	Arts	UG	UNLIMITED	91	26	0	117	39	7	0	46	42	14	0	56	0	0	0	0	10	5	0	15	0	0	0	0
	Malwa College Bondli Samrala	B.A.2ND YEAR	ARTS	UG	UNLIMITED	39	21	0	60	27	7	0	34	8	12	0	20	0	0	0	0	4	2	0	6	0	0	0	0
	Malwa College Bondli Samrala	B.A.3RD YEAR	ARTS	UG	UNLIMITED	24	11	0	35	11	2	0	13	12	7	0	19	0	0	0	0	1	2	0	3	0	0	0	0
	Malwa College Bondli Samrala	B.COM-1ST YEAR	COMMERCE	UG	70	22	14	0	36	16	3	0	19	0	5	0	5	0	0	0	0	6	6	0	12	0	0	0	0
	Malwa College Bondli Samrala	B.COM-2ND YEAR	COMMERCE	UG	70	19	4	0	14	2	2	0	4	5	2	0	7	0	0	0	0	3	0	0	3	0	0	0	0
	Malwa College Bondli Samrala	B.COM-3RD YEAR	COMMERCE	UG	70	5	1	0	6	2	1	0	3	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
	Malwa College Bondli Samrala	B.SC-1ST YEAR	SCIENCE	UG	UNLIMITED	3	4	0	7	1	1	0	2	1	1	0	2	0	0	0	0	1	2	0	3	0	0	0	0
	Malwa College Bondli Samrala	B.SC-2ND YEAR	SCIENCE	UG	UNLIMITED	0	6	0	6	0	1	0	1	0	2	0	2	0	0	0	0	1	2	0	3	0	0	0	0
	Malwa College Bondli Samrala	B.SC-3RD YEAR	SCIENCE	UG	UNLIMITED	1	8	0	9	0	4	0	4	1	3	0	4	0	0	0	0	0	1	0	1	0	0	0	0
	Malwa College Bondli Samrala	BCA-1ST YEAR	UG	30	2	1	0	3	1	1	0	2	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
	Malwa College Bondli Samrala	BCA-2ND YEAR	UG	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Malwa College Bondli Samrala	BCA-3RD YEAR	UG	30	3	0	0	3	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Malwa College Bondli Samrala	PGDCA	PG	40	4	4	0	8	3	1	0	4	3	1	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0
	Malwa College Bondli Samrala	M.A.HISTORY-1ST YEAR	ARTS	PG	40	9	0	0	9	7	0	0	7	1	0	0	1	0	0	0	0	1	0	0	1	0	0	0	0
	Malwa College Bondli Samrala	M.A.HISTORY-2ND YEAR	ARTS	PG	40	3	1	0	4	3	0	0	3	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	Malwa College Bondli Samrala	M.A.PUNJABI-1ST YEAR	ARTS	PG	40	1	1	0	2	1	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	Malwa College Bondli Samrala	M.A.PUNJABI-2ND YEAR	ARTS	PG	40	2	3	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Malwa College Bondli Samrala	M.SC-1ST YEAR		PG	40	1	7	0	8	1	3	0	4	0	3	0	3	0	0	0	0	0	1	0	1	0	0	0	0	
	Malwa College Bondli Samrala	M.SC-2ND YEAR		PG	40	2	0	0	2	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	S.D.College, Hoshiarpur	B.A. 1st	Arts	UG	38	22	16	0	38	15	11	0	26	6	4	0	10	0	0	0	0	0	1	0	1	0	0	0	0	
	S.D.College, Hoshiarpur	B.A. 2nd	Arts	UG	22	16	6	0	22	12	5	0	17	3	1	0	4	0	0	0	0	0	1	0	0	1	0	0	0	0
	S.D.College, Hoshiarpur	B.A. 3rd	Arts	UG	18	13	5	0	18	7	1	0	8	5	2	0	7	0	0	0	0	0	1	2	0	3	0	0	0	0
	S.D.College, Hoshiarpur	B.B.A. 1st	Mgt.	UG	40	21	15	0	36	13	7	0	20	5	4	0	9	0	0	0	0	0	3	4	0	7	0	0	0	0
	S.D.College, Hoshiarpur	B.B.A. 2nd	Mgt.	UG	40	11	10	0	21	8	5	0	13	1	0	0	1	0	0	0	0	0	2	5	0	7	0	0	0	0
	S.D.College, Hoshiarpur	B.B.A. 3rd	Mgt.	UG	40	17	10	0	27	13	6	0	19	2	3	0	5	0	0	0	0	0	2	1	0	3	0	0	0	0
	S.D.College, Hoshiarpur	B.C.A. 1st	Computer	UG	40	14	14	0	28	11	10	0	21	1	2	0	3	0	0	0	0	0	2	2	0	4	0	0	0	0
	S.D.College, Hoshiarpur	B.C.A. 2nd	Computer	UG	40	16	11	0	27	5	7	0	12	4	4	0	8	0	0	0	0	0	7	0	0	7	0	0	0	0
	S.D.College, Hoshiarpur	B.C.A. 3rd	Computer	UG	40	11	7	0	18	6	4	0	10	3	0	0	3	0	0	0	0	0	2	3	0	5	0	0	0	0
	S.D.College, Hoshiarpur	B.Com. 1st	Commerce	UG	140	87	76	0	163	62	45	0	107	11	16	0	27	0	0	0	0	0	13	15	0	28	0	0	0	0
	S.D.College, Hoshiarpur	B.Com.2nd	Commerce	UG	140	69	56	0	125	52	35	0	87	9	9	0	18	0	0	0	0	0	7	12	0	19	0	0	0	0
	S.D.College, Hoshiarpur	B.Com.3rd	Commerce	UG	140	54	48	0	102	40	33	0	73	10	8	0	18	0	0	0	0	0	4	7	0	11	0	0	0	0
	S.D.College, Hoshiarpur	B.Sc(Biotech) 2nd	Science	UG	30	0	5	0	5	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	S.D.College, Hoshiarpur	B.Sc(Biotech) 3rd	Science	UG	30	0	5	0	5	0	2	0	2	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0
	S.D.College, Hoshiarpur	B.Sc(N.M) 1st	Science	UG	30	1	2	0	3	1	1	0	2	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
	S.D.College, Hoshiarpur	B.Sc(N.M) 2nd	Science	UG	30	2	1	0	3	1	0	0	1	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
	S.D.College, Hoshiarpur	B.Sc(N.M) 3rd	Science	UG	30	0	3	0	3	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	S.D.College, Hoshiarpur	B.Voc(Banking) 1st	Vocation	UG	1	1	0	0	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	S.D.College, Hoshiarpur	B.Voc(Software) 1st	Vocation	UG	2	2	0	0	2	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	S.D.College, Hoshiarpur	M.Com 1st	Commerce	PG	30	4	8	0	12	4	8	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	S.D.College, Hoshiarpur	M.Com 2nd	Commerce	PG	30	4	14	0	18	4	11	0	15	0	1	0	1	0	0	0	0	0	2	0	2	0	0	0	0	0
	S.D.College, Hoshiarpur	PGDCA 1st	Computer	PG	30	4	2	0	6	4	1	0	5	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
8	M.R GOVT COLLEGE FAZILKA	BA, BSC, BCA I II III		UG	3240	1273	994	0	2267	254	160	0	414	716	617	0	1333	0	0	0	0	0	303	217	0	520	0	0	0	0
9	Govt. College,Ludhiana (East)	B.A.- 1st Year	Arts	U.G.	200	54	66	0	120	33	45	0	78	15	13	0	28	0	0	0	0	0	6	8	0	14	0	0	0	0
	Govt. College,Ludhiana (East)	B.A.- 2nd Year	Arts	U.G.		55	18	0	73	51	17	0	68	4	1	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0
	Govt. College,Ludhiana (East)	B.A.- 3rd Year	Arts	U.G.		38	17	0	55	36	16	0	52	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0
10	GOVERNMENT COLLEGE FOR GIRLS,Ludhiana	B VOC I		UG	50	0	50	0	50	0	31	0	31	0	11	0	11	0	0	0	0	0	8	0	8	0	0	0	0	0
	GOVERNMENT COLLEGE FOR GIRLS,Ludhiana	B VOC II		UG	50	0	24	0	24	0	16	0	16	0	6	0	6	0	0	0	0	0	2	0	2	0	0	0	0	0
	GOVERNMENT COLLEGE FOR GIRLS,Ludhiana	B VOC III		UG	50	0	15	0	15	0	7	0	7	0	5	0	5	0	0	0	0	0	3	0	3	0	0	0	0	0
	GOVERNMENT COLLEGE FOR GIRLS,Ludhiana	DIP B &W			50	0	30	0	30	0	16	0	16	0	12	0	12	0	0	0	0	0	2	0	2	0	0	0	0	0
	GOVERNMENT COLLEGE FOR GIRLS,Ludhiana	ADV DIP B & W			50	0	12	0	12	0	7	0	7	0	4	0	4	0	0	0	0	0	1	0	1	0	0	0	0	0
	GOVERNMENT COLLEGE FOR GIRLS,Ludhiana	B A I	ARTS	UG	540	0	590	0	590	0	246	0	246	0	218	0	218	0	0	0	0	0	126	0	126	0	0	0	0	0
	GOVERNMENT COLLEGE FOR GIRLS,Ludhiana	B A II	ARTS	UG	515	0	515	0	515	0	234	0	234	0	187	0	187	0	1	0	1	0	93	0	93	0	0	0	0	0
	GOVERNMENT COLLEGE FOR GIRLS,Ludhiana	B A III	ARTS	UG	525	0	525	0	525	0	204	0	204	0	203	0	203	0	0	0	0	0	118	0	118	0	0	0	0	0
	GOVERNMENT COLLEGE FOR GIRLS,Ludhiana	B B A I	COMMERCE	UG	40	0	49	0	49	0	34	0	34	0	10	0	10	0	0	0	0	0	5	0	5	0	0	0	0	0
	GOVERNMENT COLLEGE FOR GIRLS,Ludhiana	B B A II	COMMERCE	UG	40	0	45	0	45	0	26	0	26	0	11	0	11	0	0	0	0	0	8	0	8	0	0	0	0	0

	GOVERNMENT COLLEGE FOR GIRLS,Ludhiana	B B A III	COMMERCE	UG	40	0	42	0	42	0	24	0	24	0	11	0	11	0	0	0	0	0	7	0	7	0	0	0	0
	GOVERNMENT COLLEGE FOR GIRLS,Ludhiana	B C A I	LANGUAGES	UG	40	0	51	0	51	0	20	0	20	0	18	0	18	0	0	0	0	0	13	0	13	0	0	0	0
	GOVERNMENT COLLEGE FOR GIRLS,Ludhiana	B C AII	LANGUAGES	UG	40	0	47	0	47	0	24	0	24	0	13	0	13	0	0	0	0	0	10	0	10	0	0	0	0
	GOVERNMENT COLLEGE FOR GIRLS,Ludhiana	B C A III	LANGUAGES	UG	40	0	43	0	43	0	14	0	14	0	12	0	12	0	0	0	0	0	17	0	17	0	0	0	0
	GOVERNMENT COLLEGE FOR GIRLS,Ludhiana	B COM I	COMMERCE	UG	140	0	171	0	171	0	112	0	112	0	39	0	39	0	0	0	0	0	20	0	20	0	0	0	0
	GOVERNMENT COLLEGE FOR GIRLS,Ludhiana	B COM II	COMMERCE	UG	140	0	155	0	155	0	79	0	79	0	39	0	39	0	0	0	0	0	37	0	37	0	0	0	0
	GOVERNMENT COLLEGE FOR GIRLS,Ludhiana	B COM III	COMMERCE	UG	140	0	143	0	143	0	70	0	70	0	41	0	41	0	0	0	0	0	32	0	32	0	0	0	0
	GOVERNMENT COLLEGE FOR GIRLS,Ludhiana	B SC M I	SCIENCE	UG	120	0	106	0	106	0	48	0	48	0	33	0	33	0	0	0	0	0	25	0	25	0	0	0	0
	GOVERNMENT COLLEGE FOR GIRLS,Ludhiana	B SC M II	SCIENCE	UG	120	0	81	0	81	0	42	0	42	0	19	0	19	0	0	0	0	0	20	0	20	0	0	0	0
	GOVERNMENT COLLEGE FOR GIRLS,Ludhiana	B SC M III	SCIENCE	UG	120	0	83	0	83	0	33	0	33	0	26	0	26	0	0	0	0	0	24	0	24	0	0	0	0
	GOVERNMENT COLLEGE FOR GIRLS,Ludhiana	B SC NM I	SCIENCE	UG	160	0	162	0	162	0	60	0	60	0	56	0	56	0	0	0	0	0	46	0	46	0	0	0	0
	GOVERNMENT COLLEGE FOR GIRLS,Ludhiana	B SC NM II	SCIENCE	UG	160	0	129	0	129	0	51	0	51	0	45	0	45	0	0	0	0	0	33	0	33	0	0	0	0
	GOVERNMENT COLLEGE FOR GIRLS,Ludhiana	B SC NM II	SCIENCE	UG	160	0	140	0	140	0	61	0	61	0	47	0	47	0	0	0	0	0	32	0	32	0	0	0	0
	GOVERNMENT COLLEGE FOR GIRLS,Ludhiana	M A ART I	ARTS	PG	40	0	12	0	12	0	9	0	9	0	1	0	1	0	0	0	0	0	2	0	2	0	0	0	0
	GOVERNMENT COLLEGE FOR GIRLS,Ludhiana	M A ART II	ARTS	PG	40	0	19	0	19	0	12	0	12	0	1	0	1	0	0	0	0	0	6	0	6	0	0	0	0
	GOVERNMENT COLLEGE FOR GIRLS,Ludhiana	MUI I	ARTS	PG	40	0	4	0	4	0	3	0	3	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	GOVERNMENT COLLEGE FOR GIRLS,Ludhiana	MUI II	ARTS	PG	40	0	4	0	4	0	2	0	2	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0
	GOVERNMENT COLLEGE FOR GIRLS,Ludhiana	M A PBI I	ARTS	PG	60	0	27	0	27	0	7	0	7	0	15	0	15	0	0	0	0	0	5	0	5	0	0	0	0
	GOVERNMENT COLLEGE FOR GIRLS,Ludhiana	M A PBI II	ARTS	PG	60	0	21	0	21	0	3	0	3	0	12	0	12	0	0	0	0	0	6	0	6	0	0	0	0
	GOVERNMENT COLLEGE FOR GIRLS,Ludhiana	M COM I	COMMERCE	PG	40	0	44	0	44	0	25	0	25	0	11	0	11	0	0	0	0	0	8	0	8	0	0	0	0
	GOVERNMENT COLLEGE FOR GIRLS,Ludhiana	M COM II	COMMERCE	PG	40	0	42	0	42	0	28	0	28	0	4	0	4	0	0	0	0	0	10	0	10	0	0	0	0
	GOVERNMENT COLLEGE FOR GIRLS,Ludhiana	M SC B I	SCIENCE	PG	40	0	22	0	22	0	11	0	11	0	9	0	9	0	0	0	0	0	2	0	2	0	0	0	0
	GOVERNMENT COLLEGE FOR GIRLS,Ludhiana	M SC B II	SCIENCE	PG	40	0	35	0	35	0	28	0	28	0	4	0	4	0	0	0	0	0	3	0	3	0	0	0	0
	GOVERNMENT COLLEGE FOR GIRLS,Ludhiana	M SC IT I	LANGUAGES	PG	40	0	10	0	10	0	4	0	4	0	2	0	2	0	0	0	0	0	4	0	4	0	0	0	0
	GOVERNMENT COLLEGE FOR GIRLS,Ludhiana	M SC IT II	LANGUAGES	PG	40	0	7	0	7	0	6	0	6	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
	GOVERNMENT COLLEGE FOR GIRLS,Ludhiana	PGDND	ARTS	PG	20	0	18	0	18	0	11	0	11	0	2	0	2	0	0	0	0	0	5	0	5	0	0	0	0
	GOVERNMENT COLLEGE FOR GIRLS,Ludhiana	PGDCA	LANGUAGES	PG	40	0	34	0	34	0	13	0	13	0	18	0	18	0	0	0	0	0	3	0	3	0	0	0	0
11	G.T.B Ota01 College, Dakha,Ludhiana	B.A.I		UG		97	50	0	147	49	9	0	58	40	29	0	69	0	0	0	0	8	12	0	20	0	0	0	0

	G.T.B Otoi College, Dakha, Ludhiana	B.A II		UG		50	27	0	77	18	9	0	27	23	8	0	31	0	0	0	0	9	10	0	19	0	0	0	0
	G.T.B Otoi College, Dakha, Ludhiana	B.A III		UG		31	33	0	64	10	13	0	23	16	13	0	29	0	0	0	0	5	7	0	12	0	0	0	0
	G.T.B Otoi College, Dakha, Ludhiana	B.COM I		UG		52	33	0	85	33	14	0	47	9	11	0	20	0	0	0	0	10	8	0	18	0	0	0	0
	G.T.B Otoi College, Dakha, Ludhiana	B.COM II		UG		45	17	0	62	20	9	0	29	16	5	0	21	0	0	0	0	9	3	0	12	0	0	0	0
	G.T.B Otoi College, Dakha, Ludhiana	B.COM III		UG		60	17	0	77	29	5	0	34	14	8	0	22	0	0	0	0	17	4	0	21	0	0	0	0
	G.T.B Otoi College, Dakha, Ludhiana	M.A Pbi I		PG		11	7	0	18	3	2	0	5	4	5	0	9	0	0	0	0	4	0	0	4	0	0	0	0
	G.T.B Otoi College, Dakha, Ludhiana	M.A Pbi II		PG		2	5	0	7	2	4	0	6	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	G.T.B Otoi College, Dakha, Ludhiana	M.COM I		PG		6	10	0	16	4	2	0	6	2	7	0	9	0	0	0	0	0	1	0	1	0	0	0	0
	G.T.B Otoi College, Dakha, Ludhiana	M.COM II		PG		8	8	0	16	1	5	0	6	0	1	0	1	0	0	0	0	7	2	0	9	0	0	0	0
	G.T.B Otoi College, Dakha, Ludhiana	PGDCA		PG		7	7	0	14	5	2	0	7	1	5	0	6	0	0	0	0	1	0	0	1	0	0	0	0
	G.T.B Otoi College, Dakha, Ludhiana	JGNDUO				11	7	0	18	4	2	0	6	7	4	0	11	0	0	0	0	0	1	0	1	0	0	0	0
12	Gobindgarh Public College	B.A-I	ARTS	UG	No Limit	72	45	0	117	44	25	0	69	11	7	0	18	0	0	0	0	15	13	0	28	2	0	0	2
	Gobindgarh Public College	B.A-II	ARTS	UG	No Limit	48	22	0	70	29	13	0	42	10	1	0	11	0	0	0	0	9	8	0	17	0	0	0	0
	Gobindgarh Public College	B.A-III	ARTS	UG	No Limit	43	32	0	75	28	20	0	48	3	5	0	8	0	0	0	0	12	7	0	19	0	0	0	0
	Gobindgarh Public College	B.COM-I	COMMERCE	UG	70	54	23	0	77	27	22	0	49	8	0	0	8	0	0	0	0	19	1	0	20	0	0	0	0
	Gobindgarh Public College	B.COM-II	COMMERCE	UG	70	38	21	0	59	28	13	0	41	0	2	0	2	0	0	0	0	10	6	0	16	0	0	0	0
	Gobindgarh Public College	B.COM-III	COMMERCE	UG	70	31	18	0	49	20	13	0	33	4	2	0	6	0	0	0	0	9	1	0	10	0	0	0	0
	Gobindgarh Public College	BBA-I	B.ADMN	UG	40	33	13	0	46	28	11	0	39	1	1	0	2	0	0	0	0	4	1	0	5	0	0	0	0
	Gobindgarh Public College	BBA-II	B.ADMN	UG	40	11	10	0	21	9	8	0	17	0	1	0	1	0	0	0	0	2	1	0	3	0	0	0	0
	Gobindgarh Public College	BBA-III	B.ADMN	UG	40	15	9	0	24	13	6	0	19	0	2	0	2	0	0	0	0	2	1	0	3	0	0	0	0
	Gobindgarh Public College	BCA-I	COMP.APP	UG	80	11	7	0	18	10	7	0	17	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
	Gobindgarh Public College	BCA-II	COMP.APP	UG	80	10	5	0	15	5	3	0	8	2	0	0	2	0	0	0	0	3	2	0	5	0	0	0	0
	Gobindgarh Public College	BCA-III	COMP.APP	UG	80	6	5	0	11	6	3	0	9	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0
	Gobindgarh Public College	PGDCA	COMP.APP	PG	30	6	13	0	19	3	5	0	8	2	2	0	4	0	0	0	0	1	6	0	7	0	0	0	0
	Gobindgarh Public College	M.A.(ENG)-I	ARTS	PG	60	1	7	0	8	1	7	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Gobindgarh Public College	M.A.(ENG)-II	ARTS	PG	60	10	7	0	17	5	6	0	11	1	0	0	1	0	0	0	0	4	1	0	5	0	0	0	0
	Gobindgarh Public College	M.A.(PBI)-I	ARTS	PG	60	3	1	0	4	3	0	0	3	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
	Gobindgarh Public College	M.A.(PBI)-II	ARTS	PG	60	0	2	0	2	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0
13	Govt. College Zira (Ferozepur)	Bachelor of arts	Arts	UG	320	430	233	0	663	158	55	0	213	211	142	0	353	0	0	0	0	61	36	0	97	0	0	0	0
14	GHG Khalsa College of Education, Gurusar Sadhar (Ludhiana)	B.Ed-III Sem.	Education	UG	100	14	61	0	75	10	29	0	39	3	21	0	24	0	0	0	0	1	11	0	12	0	0	0	0
	GHG Khalsa College of Education, Gurusar Sadhar (Ludhiana)	B.Ed-I Sem.	Education	UG	100	19	79	0	98	10	46	0	56	4	20	0	24	0	0	0	0	5	13	0	18	0	0	0	0
	GHG Khalsa College of Education, Gurusar Sadhar (Ludhiana)	M.Ed-III Sem.	Education	PG	50	3	4	0	7	1	4	0	5	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
	GHG Khalsa College of Education, Gurusar Sadhar (Ludhiana)	M.Ed-I Sem.	Education	PG	50	1	10	0	11	1	6	0	7	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0

15	GGDSD College Haryana(Hoshiarpur)	BA 1	Arts	UG	200	78	50	0	128	35	21	0	56	16	16	0	32	0	0	0	0	27	13	0	40	0	0	0	0
	GGDSD College Haryana(Hoshiarpur)	BA2	Arts	UG	200	26	26	0	52	15	10	0	25	5	7	0	12	0	0	0	0	6	9	0	15	0	0	0	0
	GGDSD College Haryana(Hoshiarpur)	BA3	Arts	UG	200	62	26	0	62	20	14	0	34	4	16	0	20	0	0	0	0	2	6	0	8	1	0	0	1
	GGDSD College Haryana(Hoshiarpur)	B.SC1	Science	UG	70	9	11	0	20	4	4	0	8	2	2	0	4	0	0	0	0	3	5	0	8	0	0	0	0
	GGDSD College Haryana(Hoshiarpur)	B.Sc2	Science	UG	70	4	14	0	18	1	5	0	6	3	4	0	7	0	0	0	0	0	5	0	5	0	0	0	0
	GGDSD College Haryana(Hoshiarpur)	B.Sc3	Science	UG	70	5	7	0	12	2	4	0	6	2	1	0	3	0	0	0	0	1	2	0	3	0	0	0	0
	GGDSD College Haryana(Hoshiarpur)	B.Com1	Commerce	UG	70	12	7	0	19	5	1	0	6	1	2	0	3	0	0	0	0	6	4	0	10	0	0	0	0
	GGDSD College Haryana(Hoshiarpur)	B.Com2	Commerce	UG	70	6	7	0	13	4	6	0	10	1	0	0	1	0	0	0	0	1	1	0	2	1	0	0	1
	GGDSD College Haryana(Hoshiarpur)	B.Com3	Commerce	UG	70	3	8	0	11	1	5	0	6	0	1	0	1	0	0	0	0	2	2	0	4	0	0	0	0
	GGDSD College Haryana(Hoshiarpur)	BCA1	Computer	UG	40	12	6	0	18	4	0	0	4	5	2	0	7	0	0	0	0	3	4	0	7	0	0	0	0
	GGDSD College Haryana(Hoshiarpur)	BCA2	Computer	UG	40	5	5	0	10	2	4	0	6	2	0	0	2	0	0	0	0	1	1	0	2	0	0	0	0
	GGDSD College Haryana(Hoshiarpur)	BCA3	Computer	UG	40	5	3	0	8	3	2	0	5	2	0	0	2	0	0	0	0	0	1	0	1	0	0	0	0
	GGDSD College Haryana(Hoshiarpur)	B.SC (AGR)1	Agriculture	UG	30	6	5	0	11	2	3	0	5	2	1	0	3	0	0	0	0	2	1	0	3	0	0	0	0
	GGDSD College Haryana(Hoshiarpur)	B.Sc (AGR)3	Agriculture	UG	30	1	4	0	5	0	2	0	2	1	2	0	3	0	0	0	0	1	2	0	3	0	0	0	0
	GGDSD College Haryana(Hoshiarpur)	B.Sc (AGR)4	Agriculture	UG	30	8	13	0	21	4	8	0	12	2	5	0	7	0	0	0	0	2	0	0	2	0	0	0	0
	GGDSD College Haryana(Hoshiarpur)	B.Voc(BFS)1	Vocatio0l	UG	30	4	3	0	7	3	1	0	4	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0
	GGDSD College Haryana(Hoshiarpur)	B.Voc(BFS)2	Vocatio0l	UG	30	4	5	0	9	1	2	0	3	2	0	0	2	0	0	0	0	0	3	0	3	0	0	0	0
	GGDSD College Haryana(Hoshiarpur)	B.Voc(HWN)1	Vocatio0l	UG	30	4	0	0	4	3	0	0	3	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	GGDSD College Haryana(Hoshiarpur)	B.Voc(HWN)2	Vocatio0l	UG	30	3	0	0	3	1	0	0	1	1	0	0	1	0	0	0	0	1	0	0	1	0	0	0	0
	GGDSD College Haryana(Hoshiarpur)	ADOF1	Vocatio0l	UG	30	13	1	0	14	7	1	0	8	2	1	0	3	0	0	0	0	3	0	0	3	0	0	0	0
	GGDSD College Haryana(Hoshiarpur)	ADOF2	Vocatio0l	UG	30	3	1	0	4	2	1	0	3	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	GGDSD College Haryana(Hoshiarpur)	MA(Punjab)1	Arts	PG	40	2	5	0	7	0	2	0	2	1	1	0	2	0	0	0	0	1	2	0	3	0	0	0	0
	GGDSD College Haryana(Hoshiarpur)	MA(Punjab)2	Arts	PG	40	0	5	0	5	0	1	0	1	0	2	0	2	0	0	0	0	0	2	0	2	0	0	0	0
	GGDSD College Haryana(Hoshiarpur)	MA(History)1	Arts	PG	60	2	3	0	5	1	2	0	3	0	1	0	1	0	0	0	0	1	0	0	1	0	0	0	0
	GGDSD College Haryana(Hoshiarpur)	MA(History)2	Arts	PG	60	1	1	0	2	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	GGDSD College Haryana(Hoshiarpur)	PGDCA1	Computer	PG	40	3	8	0	11	0	2	0	2	2	1	0	3	0	0	0	0	1	5	0	6	0	0	0	0
	GGDSD College Haryana(Hoshiarpur)	PGDAA1	Agriculture	PG	30	2	5	0	7	0	3	0	3	1	1	0	2	0	0	0	0	1	1	0	2	0	0	0	0
	GGDSD College Haryana(Hoshiarpur)	PGDMM1	Commerce	PG	30	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

16	Post Graduate Govt. College, Sector 11, Chandigarh	BA – I				700	373	333	0	706	233	265	0	498	77	37	0	114	4	3	0	7	0	0	0	0	9	3	0	12
	Post Graduate Govt. College, Sector 11, Chandigarh	BA – II					286	181	0	467	143	110	0	253	73	36	0	109	6	1	0	7	0	0	0	0	9	2	0	11
	Post Graduate Govt. College, Sector 11, Chandigarh	BA – III					358	288	0	646	206	203	0	409	78	63	0	131	9	2	0	11	0	0	0	0	7	1	0	8
	Post Graduate Govt. College, Sector 11, Chandigarh	BCA – I				80	74	31	0	105	55	19	0	74	6	5	0	11	0	0	0	0	0	0	0	0	1	1	0	2
	Post Graduate Govt. College, Sector 11, Chandigarh	BCA – II					88	21	0	109	53	15	0	68	11	1	0	12	0	1	0	1	0	0	0	0	1	0	0	1
	Post Graduate Govt. College, Sector 11, Chandigarh	BCA – III					78	16	0	94	49	5	0	54	12	6	0	18	2	0	0	2	0	0	0	0	0	0	0	0
	Post Graduate Govt. College, Sector 11, Chandigarh	BBA – I				80	64	38	0	102	44	29	0	73	9	1	0	10	1	0	0	1	0	0	0	0	1	0	0	1
	Post Graduate Govt. College, Sector 11, Chandigarh	BBA – II					66	39	0	105	41	27	0	68	10	2	0	12	0	1	0	1	0	0	0	0	0	0	0	0
	Post Graduate Govt. College, Sector 11, Chandigarh	BBA – III					48	42	0	90	32	24	0	56	6	3	0	9	0	1	0	1	0	0	0	0	0	0	0	0
	Post Graduate Govt. College, Sector 11, Chandigarh	BCOM – I				140	76	78	0	154	44	58	0	102	6	14	0	20	2	0	0	2	0	0	0	0	2	0	0	2
	Post Graduate Govt. College, Sector 11, Chandigarh	BCOM – II					105	58	0	163	70	38	0	108	13	4	0	17	1	1	0	2	0	0	0	0	3	0	0	3
	Post Graduate Govt. College, Sector 11, Chandigarh	BCOM – III					99	52	0	151	59	29	0	88	12	8	0	20	0	0	0	0	0	0	0	0	2	1	0	3
	Post Graduate Govt. College, Sector 11, Chandigarh	BSC – I (Non-Med)				160	99	63	0	162	69	48	0	117	13	8	0	21	1	0	0	1	0	0	0	0	0	0	0	0
	Post Graduate Govt. College, Sector 11, Chandigarh	BSC – II (Non-Med)					58	35	0	93	35	24	0	59	8	2	0	10	0	0	0	0	0	0	0	0	0	0	0	0
	Post Graduate Govt. College, Sector 11, Chandigarh	BSC – III (Non-Med)					89	43	0	132	54	22	0	76	9	8	0	17	1	0	0	1	0	0	0	0	0	0	0	0
	Post Graduate Govt. College, Sector 11, Chandigarh	BSC – I (Med)				80	26	44	0	70	22	30	0	52	2	5	0	7	0	1	0	1	0	0	0	0	0	0	0	0
	Post Graduate Govt. College, Sector 11, Chandigarh	BSC – II (Med)					18	34	0	52	10	21	0	31	4	7	0	11	2	1	0	3	0	0	0	0	0	0	0	0
	Post Graduate Govt. College, Sector 11, Chandigarh	BSC – III (Med)					13	48	0	61	6	30	0	36	4	7	0	11	2	3	0	5	0	0	0	0	0	0	0	0
	Post Graduate Govt. College, Sector 11, Chandigarh	BSC – I (CS)				60	46	14	0	60	35	9	0	44	4	0	0	4	0	1	0	1	0	0	0	0	0	0	0	0
	Post Graduate Govt. College, Sector 11, Chandigarh	BSC – II (CS)					25	4	0	29	17	3	0	20	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
	Post Graduate Govt. College, Sector 11, Chandigarh	BSC – III (CS)					44	9	0	53	25	5	0	30	3	2	0	5	2	0	0	2	0	0	0	0	0	0	0	0
	Post Graduate Govt. College, Sector 11, Chandigarh	BSC – I (Bio Tech-Hons)				30	7	25	0	32	3	18	0	21	3	1	0	4	0	0	0	0	0	0	0	0	0	0	0	0
	Post Graduate Govt. College, Sector 11, Chandigarh	BSC – II (Bio Tech-Hons)					7	21	0	28	4	10	0	14	1	4	0	5	0	0	0	0	0	0	0	0	0	0	0	0
	Post Graduate Govt. College, Sector 11, Chandigarh	BSC – III (Bio Tech-Hons)					1	32	0	33	1	20	0	21	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	Post Graduate Govt. College, Sector 11, Chandigarh	BSC – I (Bio Tech-E)				30	7	16	0	23	4	12	0	16	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0
	Post Graduate Govt. College, Sector 11, Chandigarh	BSC – II (Bio Tech-E)					5	11	0	16	2	5	0	7	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0
	Post Graduate Govt. College, Sector 11, Chandigarh	BSC – III (Bio Tech-E)					9	15	0	24	5	9	0	14	1	3	0	4	2	1	0	3	0	0	0	0	0	0	0	0
	Post Graduate Govt. College, Sector 11, Chandigarh	BSC – I (Micro-Bio-E)				30	6	17	0	23	3	15	0	18	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0





	Dasmesh Girls College, Badal	B.Sc (Bio Tech) 3	Science	UG	30	0	10	0	10	0	8	0	8	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0
	Dasmesh Girls College, Badal	B.Sc (Non Med) 1	Science	UG	80	0	24	0	24	0	14	0	14	0	5	0	5	0	0	0	0	0	5	0	5	0	0	0	0	0
	Dasmesh Girls College, Badal	B.Sc (Non Med) 2	Science	UG	80	0	25	0	25	0	19	0	19	0	2	0	2	0	0	0	0	0	4	0	4	0	0	0	0	0
	Dasmesh Girls College, Badal	B.Sc (Non Med) 3	Science	UG	80	0	40	0	40	0	28	0	28	0	10	0	10	0	0	0	0	0	2	0	2	0	0	0	0	0
	Dasmesh Girls College, Badal	B.Sc (Fashion Design) 1	Science	UG	40	0	20	0	20	0	13	0	13	0	5	0	5	0	0	0	0	0	2	0	2	0	0	0	0	0
	Dasmesh Girls College, Badal	B.Sc (Fashion Design) 2	Science	UG	40	0	6	0	6	0	6	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dasmesh Girls College, Badal	B.Sc (Fashion Design) 3	Science	UG	40	0	24	0	24	0	21	0	21	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dasmesh Girls College, Badal	MA Economics 1	Arts	PG	60	0	6	0	6	0	5	0	5	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
	Dasmesh Girls College, Badal	MA Economics 2	Arts	PG	60	0	11	0	11	0	10	0	10	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dasmesh Girls College, Badal	MA History 1	Arts	PG	60	0	10	0	10	0	5	0	5	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dasmesh Girls College, Badal	MA History 2	Arts	PG	60	0	7	0	7	0	7	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dasmesh Girls College, Badal	MA Punjabi 1	Arts	PG	60	0	7	0	7	0	5	0	5	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0
	Dasmesh Girls College, Badal	MA Punjabi 2	Arts	PG	60	0	14	0	14	0	12	0	12	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dasmesh Girls College, Badal	MA Political Science 1	Arts	PG	60	0	12	0	12	0	9	0	9	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dasmesh Girls College, Badal	PGDCA 1	Computer	PG	40	0	6	0	6	0	6	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Lajpat Rai DAV College Jagraon	BA-I	Arts	UG	Unlimited	39	24	0	63	22	11	0	33	14	8	0	22	3	5	0	8	0	0	0	0	0	0	0	0	0
	Lajpat Rai DAV College Jagraon	BA-II	Arts	UG	Unlimited	26	16	0	42	10	6	0	16	12	7	0	19	4	3	0	7	0	0	0	0	0	0	0	0	0
	Lajpat Rai DAV College Jagraon	BA-III	Arts	UG	Unlimited	35	24	0	59	21	11	0	32	10	9	0	19	3	4	0	7	1	0	0	1	0	0	0	0	0
	Lajpat Rai DAV College Jagraon	B.Sc-I	Science	UG	Unlimited	5	4	0	9	5	1	0	6	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0
	Lajpat Rai DAV College Jagraon	B.Sc-II	Science	UG	Unlimited	4	2	0	6	2	1	0	3	1	1	0	2	1	0	0	1	0	0	0	0	1	0	0	0	1
	Lajpat Rai DAV College Jagraon	B.Sc-III	Science	UG	Unlimited	5	4	0	9	1	1	0	2	3	2	0	5	1	1	0	2	0	0	0	0	0	0	0	0	0
	Lajpat Rai DAV College Jagraon	BBA-I	Bus. Admin	UG	40	12	6	0	18	9	4	0	13	1	0	0	1	2	2	0	4	0	0	0	0	0	0	0	0	0
	Lajpat Rai DAV College Jagraon	BBA-II	Bus. Admin	UG	40	7	3	0	10	6	3	0	9	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0
	Lajpat Rai DAV College Jagraon	BBA-III	Bus. Admin	UG	40	4	4	0	8	2	4	0	6	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0
	Lajpat Rai DAV College Jagraon	BCA-I	Computer Science	UG	40	8	0	0	8	5	0	0	5	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lajpat Rai DAV College Jagraon	BCA-II	Computer Science	UG	40	10	8	0	18	3	5	0	8	4	3	0	7	3	0	0	3	0	0	0	0	0	0	0	0	0
	Lajpat Rai DAV College Jagraon	BCA-III	Computer Science	UG	40	5	5	0	10	2	4	0	6	0	0	0	0	3	1	0	4	0	0	0	0	0	0	0	0	0
	Lajpat Rai DAV College Jagraon	B.Com.-I	Commerce	UG	70	38	22	0	60	27	17	0	44	6	3	0	9	5	2	0	7	0	0	0	0	0	0	0	0	0
	Lajpat Rai DAV College Jagraon	B.Com.-II	Commerce	UG	70	32	14	0	46	21	8	0	29	3	2	0	5	8	4	0	12	0	0	0	0	0	0	0	0	0
	Lajpat Rai DAV College Jagraon	B.Com.-III	Commerce	UG	70	27	19	0	46	21	17	0	38	4	0	0	4	2	2	0	4	0	0	0	0	0	0	0	0	0
	Lajpat Rai DAV College Jagraon	M.Com.-I	Commerce	PG	40	11	9	0	20	10	7	0	17	1	1	0	2	0	1	0	1	0	0	0	0	1	0	0	0	1
	Lajpat Rai DAV College Jagraon	M.Com.-II	Commerce	PG	40	8	9	0	17	5	7	0	12	0	1	0	1	3	1	0	4	0	0	0	0	0	0	0	0	0
20	Jagat Sewak Khalsa College for Women, Amargarh Parao Mehna (Moga)	B.A. I	Arts	UG	0	0	7	0	7	0	2	0	2	0	4	0	4	0	0	0	0	0	1	0	1	0	0	0	0	0
	Jagat Sewak Khalsa College for Women, Amargarh Parao Mehna (Moga)	B.A. II	Arts	UG	0	0	2	0	2	0	0	0	0	0	2	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0
	Jagat Sewak Khalsa College for Women, Amargarh Parao Mehna (Moga)	B.A. III	Arts	UG	0	0	9	0	9	0	5	0	5	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0
21	Homeopathic Medical College & Hospital, Sec-26, Chandigarh	BHMS	Medical	UG	50	12	27	0	39	12	27	0	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Dasmesh Girls College, Chak Alla Baksh, G.T.Road, Mukerian, Hoshiarpur	BA I	Arts	UG		0	102	0	102	0	47	0	47	0	16	0	16	0	0	0	0	0	0	39	0	39	0	0	0	0

Dasmesh Girls College, Chak Alla Baksh, G.T.Road, Mukerian, Hoshiarpur	BA II	Arts	UG	0	89	0	89	0	54	0	54	0	19	0	19	0	0	0	0	0	16	0	16	0	0	0	0
Dasmesh Girls College, Chak Alla Baksh, G.T.Road, Mukerian, Hoshiarpur	BA III	Arts	UG	0	86	0	86	0	34	0	34	0	18	0	18	0	0	0	0	0	34	0	34	0	0	0	0
Dasmesh Girls College, Chak Alla Baksh, G.T.Road, Mukerian, Hoshiarpur	BCA I	Science	UG	0	39	0	39	0	23	0	23	0	5	0	5	0	0	0	0	0	11	0	11	0	0	0	0
Dasmesh Girls College, Chak Alla Baksh, G.T.Road, Mukerian, Hoshiarpur	BCA II	Science	UG	0	42	0	42	0	22	0	22	0	9	0	9	0	0	0	0	0	11	0	11	0	0	0	0
Dasmesh Girls College, Chak Alla Baksh, G.T.Road, Mukerian, Hoshiarpur	BCA III	Science	UG	0	18	0	18	0	8	0	8	0	7	0	7	0	0	0	0	0	3	0	3	0	0	0	0
Dasmesh Girls College, Chak Alla Baksh, G.T.Road, Mukerian, Hoshiarpur	B BA I	Business	UG	0	42	0	42	0	18	0	18	0	3	0	3	0	0	0	0	0	21	0	21	0	0	0	0
Dasmesh Girls College, Chak Alla Baksh, G.T.Road, Mukerian, Hoshiarpur	B BA II	Business	UG	0	19	0	19	0	12	0	12	0	2	0	2	0	0	0	0	0	5	0	5	0	0	0	0
Dasmesh Girls College, Chak Alla Baksh, G.T.Road, Mukerian, Hoshiarpur	BBA III	Business	UG	0	13	0	13	0	8	0	8	0	3	0	3	0	0	0	0	0	2	0	2	0	0	0	0
Dasmesh Girls College, Chak Alla Baksh, G.T.Road, Mukerian, Hoshiarpur	B Com I	Commerce	UG	0	78	0	78	0	40	0	40	0	10	0	10	0	0	0	0	0	28	0	28	0	0	0	0
Dasmesh Girls College, Chak Alla Baksh, G.T.Road, Mukerian, Hoshiarpur	B Com II	Commerce	UG	0	70	0	70	0	37	0	37	0	7	0	7	0	0	0	0	0	26	0	26	0	0	0	0
Dasmesh Girls College, Chak Alla Baksh, G.T.Road, Mukerian, Hoshiarpur	B Com III	Commerce	UG	0	60	0	60	0	36	0	36	0	4	0	4	0	0	0	0	0	20	0	20	0	0	0	0
Dasmesh Girls College, Chak Alla Baksh, G.T.Road, Mukerian, Hoshiarpur	B Sc(NM) I	Science	UG	0	49	0	49	0	26	0	26	0	7	0	7	0	0	0	0	0	16	0	16	0	0	0	0
Dasmesh Girls College, Chak Alla Baksh, G.T.Road, Mukerian, Hoshiarpur	B Sc (NM)II	Science	UG	0	42	0	42	0	25	0	25	0	5	0	5	0	0	0	0	0	12	0	12	0	0	0	0
Dasmesh Girls College, Chak Alla Baksh, G.T.Road, Mukerian, Hoshiarpur	B Sc(NM) III	Science	UG	0	43	0	43	0	21	0	21	0	5	0	5	0	0	0	0	0	17	0	17	0	0	0	0
Dasmesh Girls College, Chak Alla Baksh, G.T.Road, Mukerian, Hoshiarpur	B Sc(M) I	Science	UG	0	23	0	23	0	12	0	12	0	3	0	3	0	0	0	0	0	8	0	8	0	0	0	0
Dasmesh Girls College, Chak Alla Baksh, G.T.Road, Mukerian, Hoshiarpur	B Sc (M)II	Science	UG	0	20	0	20	0	13	0	13	0	1	0	1	0	0	0	0	0	6	0	6	0	0	0	0
Dasmesh Girls College, Chak Alla Baksh, G.T.Road, Mukerian, Hoshiarpur	B Sc (M)III	Science	UG	0	14	0	14	0	7	0	7	0	1	0	1	0	0	0	0	0	6	0	6	0	0	0	0
Dasmesh Girls College, Chak Alla Baksh, G.T.Road, Mukerian, Hoshiarpur	B Sc(FD)-I	Science	UG	0	14	0	14	0	9	0	9	0	2	0	2	0	0	0	0	0	3	0	3	0	0	0	0
Dasmesh Girls College, Chak Alla Baksh, G.T.Road, Mukerian, Hoshiarpur	B Sc(FD)-II	Science	UG	0	17	0	17	0	6	0	6	0	2	0	2	0	0	0	0	0	9	0	9	0	0	0	0
Dasmesh Girls College, Chak Alla Baksh, G.T.Road, Mukerian, Hoshiarpur	B Sc(FD)-III	Science	UG	0	18	0	18	0	11	0	11	0	1	0	1	0	0	0	0	0	6	0	6	0	0	0	0



25	Khalsa College of Education, Muktsar	B.Ed.	Education	UG	100	18	76	0	94	8	38	0	46	8	23	0	31	0	0	0	0	2	15	0	17	0	0	0	0	
26	ARYA COLLEGE FOR BOYS	B.A. I	Arts	UG	UNLIMITED	276	0	0	276	204	0	0	204	38	0	0	38	1	0	0	1	33	0	0	33	0	0	0	0	
	ARYA COLLEGE FOR BOYS	B.A. II	Arts	UG	UNLIMITED	176	0	0	176	127	0	0	127	32	0	0	32	0	0	0	0	17	0	0	17	0	0	0	0	
	ARYA COLLEGE FOR BOYS	B.A. III	Arts	UG	UNLIMITED	174	0	0	174	126	0	0	126	25	0	0	25	0	0	0	0	23	0	0	23	1	0	0	1	
	ARYA COLLEGE FOR BOYS	BBA. I	Commerce	UG	40	39	7	0	46	36	5	0	41	0	1	0	1	0	0	0	0	3	1	0	4	0	0	0	0	
	ARYA COLLEGE FOR BOYS	BBA. II	Commerce	UG	40	39	2	0	41	38	2	0	40	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	
	ARYA COLLEGE FOR BOYS	BBA. III	Commerce	UG	40	45	0	0	45	36	0	0	36	5	0	0	5	0	0	0	0	4	0	0	4	0	0	0	0	
	ARYA COLLEGE FOR BOYS	BCA. I	Computer	UG	80	87	5	0	92	76	4	0	80	2	1	0	3	0	0	0	0	9	0	0	9	0	0	0	0	
	ARYA COLLEGE FOR BOYS	BCA. II	Computer	UG	80	65	4	0	69	51	4	0	55	5	0	0	5	0	0	0	0	9	0	0	9	0	0	0	0	
	ARYA COLLEGE FOR BOYS	BCA. III	Computer	UG	80	65	4	0	69	45	3	0	48	5	0	0	5	0	0	0	0	15	1	0	16	0	0	0	0	
	ARYA COLLEGE FOR BOYS	B.COM. I	Commerce	UG	210	154	66	0	220	133	62	0	195	10	1	0	11	0	0	0	0	10	3	0	13	1	0	0	1	
	ARYA COLLEGE FOR BOYS	B.COM. II	Commerce	UG	210	171	51	0	222	148	50	0	198	10	0	0	10	1	0	0	1	12	1	0	13	0	0	0	0	
	ARYA COLLEGE FOR BOYS	B.COM. III	Commerce	UG	210	174	55	0	229	135	49	0	184	19	2	0	21	0	0	0	0	20	4	0	24	0	0	0	0	
	ARYA COLLEGE FOR BOYS	B.SC. I	Science	UG	UNLIMITED	19	9	0	28	15	8	0	23	3	1	0	4	0	0	0	0	1	0	0	1	0	0	0	0	
	ARYA COLLEGE FOR BOYS	B.SC. II	Science	UG	UNLIMITED	18	4	0	22	16	3	0	19	0	0	0	0	0	0	0	0	2	1	0	3	0	0	0	0	
	ARYA COLLEGE FOR BOYS	B.SC. III	Science	UG	UNLIMITED	42	3	0	45	29	2	0	31	2	0	0	2	0	0	0	0	11	1	0	12	0	0	0	0	
	ARYA COLLEGE FOR BOYS	M.A. (POL) I	Arts	PG	40	9	2	0	11	7	2	0	9	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	
	ARYA COLLEGE FOR BOYS	M.A. (POL) II	Arts	PG	40	7	2	0	9	6	0	0	6	0	2	0	2	0	0	0	0	1	0	0	1	0	0	0	0	
	ARYA COLLEGE FOR BOYS	M.SC. (IT). I	Technology	PG	30	7	1	0	8	2	1	0	3	3	0	0	3	0	0	0	0	2	0	0	2	0	0	0	0	
	ARYA COLLEGE FOR BOYS	M.COM. I	Commerce	PG	40	12	30	0	42	10	30	0	40	1	0	0	1	0	0	0	0	1	0	0	1	0	0	0	0	
	ARYA COLLEGE FOR BOYS	M.COM. II	Commerce	PG	40	15	27	0	42	11	26	0	37	3	0	0	3	0	0	0	0	1	1	0	2	0	0	0	0	
	ARYA COLLEGE FOR BOYS	PGDCA	Computer	PG	40	10	2		12	6	1	0	7	3	1	0	4	0	0	0	0	1	0	0	1	0	0	0	0	
	ARYA COLLEGE FOR BOYS	PGDMM	Commerce	PG	40	4	5	0	9	4	5	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Arya College Girls Section, LDH	B.A.I	Arts	UG	UNLIMITED	0	85	0	0	0	61	0	61	0	24	0	24	0	0	0	0	0	0	0	0	0	0	0	0	
	Arya College Girls Section, LDH	B.A.II	Arts	UG	UNLIMITED	0	70	0	0	0	56	0	56	14	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Arya College Girls Section, LDH	B.A.III	Arts	UG	UNLIMITED	0	75	0	0	0	60	0	60	15	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Arya College Girls Section, LDH	B.COM.I	COMMERCE	UG	74	0	74	0	0	0	73	0	73	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Arya College Girls Section, LDH	B.COM.II	COMMERCE	UG	70	0	64	0	0	0	58	0	58	6	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Arya College Girls Section, LDH	B.COM.III	COMMERCE	UG	70	0	63	0	0	0	57	0	57	6	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Arya College Girls Section, LDH	M.A.I	HISTORY	PG	40	4	8	0	12	3	6	0	9	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	
	Arya College Girls Section, LDH	M.A.II	HISTORY	PG	40	5	5	0	10	1	4	0	5	2	1	0	3	0	0	0	0	2	0	0	2	0	0	0	0	
27	Govt. Home Science College, Sector-10, Chandigarh	B.Sc Home Science - 1st	Home Science	Under Graduate	120	0	82	0	82	0	73	0	73	0	8	0	8	0	0	0	0	0	0	0	0	0	0	1	0	1
	Govt. Home Science College, Sector-10, Chandigarh	B.Sc Home Science - 3rd	Home Science	Under Graduate	120	0	103	0	103	0	91	0	91	0	8	0	8	0	0	0	2	0	0	0	0	0	2	0	2	
	Govt. Home Science College, Sector-10, Chandigarh	B.Sc Home Science - 5th	Home Science	Under Graduate	120	0	91	0	91	0	82	0	82	0	7	0	7	0	2	0	2	0	0	0	0	0	0	0	0	
	Govt. Home Science College, Sector-10, Chandigarh	B.Sc Fashion Designing - 1st	Home Science	Under Graduate	30	0	34	0	34	0	29	0	29	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	
	Govt. Home Science College, Sector-10, Chandigarh	B.Sc Fashion Designing - 3rd	Home Science	Under Graduate	30	0	34	0	34	0	32	0	32	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	



	GGDSD, CHD	B.Voc (F.P) I	SCIENCE	UG	50	16	6	0	22	14	6	0	20	1	0	0	0	0	0	0	1	0	0	0	0	0
	GGDSD, CHD	B.Voc (F.P) II	SCIENCE	UG		1	11	0	12	1	11	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0
	GGDSD, CHD	B.Voc (F.P) III	SCIENCE	UG		1	20	0	21	0	15	0	15	0	4	0	4	0	0	0	0	1	1	0	2	0
	GGDSD, CHD	B.Voc (FTAD) I	SCIENCE	UG	50	2	18	0	20	2	14	0	16	0	1	0	1	0	0	1	0	2	0	2	0	0
	GGDSD, CHD	B.Voc (FTAD) II	SCIENCE	UG		1	17	0	18	0	17	0	17	0	0	0	0	1	0	0	0	1	0	0	0	0
	GGDSD, CHD	B.Voc (FTAD) III	SCIENCE	UG		1	20	0	21	1	18	0	19	0	2	0	2	0	0	0	0	0	0	0	0	0
	GGDSD, CHD	B.Voc (HWNT) I	IT	UG	50	28	1	0	29	26	1	0	27	1	0	0	1	0	0	0	0	1	0	0	1	0
	GGDSD, CHD	B.Voc (HWNT) II	IT	UG		18	1	0	19	13	1	0	14	4	0	0	4	0	0	0	0	1	0	0	1	0
	GGDSD, CHD	B.Voc (HWNT) III	IT	UG		21	0	0	21	14	0	0	14	3	0	0	3	4	0	0	4	0	0	0	0	0
	GGDSD, CHD	B.Voc (R.M) I	COMMERCE	UG	50	41	9	0	50	39	8	0	47	1	1	0	2	0	0	0	0	1	0	0	1	0
	GGDSD, CHD	B.Voc (R.M) II	COMMERCE	UG		28	6	0	34	27	4	0	31	0	0	0	0	0	0	0	0	1	2	0	3	0
	GGDSD, CHD	B.Voc (R.M) III	COMMERCE	UG		31	5	0	36	29	4	0	33	1	1	0	2	0	0	0	0	1	0	0	1	0
	GGDSD, CHD	B.Voc LGMGT I	COMMERCE	UG	50	38	5	0	43	36	4	0	40	1	1	0	2	0	0	0	0	1	0	0	1	0
	GGDSD, CHD	B.Voc LGMGT II	COMMERCE	UG		25	5	0	30	24	5	0	29	0	0	0	0	0	0	0	0	1	0	0	1	0
	GGDSD, CHD	B.Voc LGMGT III	COMMERCE	UG	50	33	5	0	38	31	4	0	35	1	0	0	1	1	0	0	1	0	1	0	1	0
	GGDSD, CHD	BA I	ARTS	UG	1800	1048	588	0	1636	904	530	0	1434	48	25	0	73	9	5	0	14	85	27	0	112	2
	GGDSD, CHD	BA II	ARTS	UG		744	530	0	1274	655	471	0	1126	48	24	0	72	2	5	0	7	39	30	0	69	0
	GGDSD, CHD	BA III	ARTS	UG		492	369	0	861	419	340	0	759	34	12	0	46	4	3	0	7	35	14	0	49	0
	GGDSD, CHD	M.Com I	COMMERCE	PG	94	29	65	0	94	23	57	0	80	3	4	0	7	0	0	0	0	3	4	0	7	0
	GGDSD, CHD	M.Com II	COMMERCE	PG		6	75	0	81	3	67	0	70	2	6	0	8	0	0	0	0	1	2	0	3	0
	GGDSD, CHD	M.Sc APP. CHM I	SCIENCE	PG	40	8	18	0	26	6	16	0	22	1	0	0	1	0	0	0	0	1	2	0	3	0
	GGDSD, CHD	M.Sc APP. CHM II	SCIENCE	PG		4	19	0	23	3	17	0	20	1	0	0	1	0	0	0	0	0	2	0	2	0
	GGDSD, CHD	M.Sc BINFO I	SCIENCE	PG	40	9	13	0	22	7	11	0	18	1	2	0	3	0	0	0	0	1	0	0	1	0
	GGDSD, CHD	M.Sc BINFO II	SCIENCE	PG		9	18	0	27	8	17	0	25	0	0	0	0	0	0	0	0	1	1	0	2	0
	GGDSD, CHD	M.Sc BIOT I	SCIENCE	PG	40	9	40	0	49	3	33	0	36	3	4	0	7	0	0	0	0	3	3	0	6	0
	GGDSD, CHD	M.Sc BIOT II	SCIENCE	PG		3	39	0	42	2	35	0	37	1	2	0	3	0	0	0	0	0	2	0	2	0
	GGDSD, CHD	M.Sc IT I	I.T	PG	40	18	21	0	39	14	17	0	31	2	2	0	4	0	0	0	0	2	2	0	4	0
	GGDSD, CHD	M.Sc IT II	I.T	PG		12	16	0	28	11	15	0	26	0	1	0	1	0	0	0	0	1	0	0	1	0
	GGDSD, CHD	M.Sc PHY I	SCIENCE	PG	40	14	38	0	52	10	31	0	41	1	4	0	5	0	0	0	0	3	3	0	6	0
	GGDSD, CHD	M.Sc PHY II	SCIENCE	PG		7	36	0	43	5	32	0	37	1	0	0	1	0	0	0	0	1	4	0	5	0
	GGDSD, CHD	MA ECO I	ARTS	PG	60	15	47	0	62	14	42	0	56	0	1	0	1	1	1	0	2	0	3	0	3	0
	GGDSD, CHD	MA ECO II	ARTS	PG		11	47	0	58	10	45	0	55	0	0	0	0	0	0	0	0	1	2	0	3	0
	GGDSD, CHD	MA ENG I	ARTS	PG	60	17	32	0	49	15	31	0	46	2	0	0	2	0	0	0	0	0	1	0	1	0
	GGDSD, CHD	MA ENG II	ARTS	PG		5	25	0	30	2	22	0	24	2	3	0	5	0	0	0	0	1	0	0	1	0
	GGDSD, CHD	MEFB I	COMMERCE	PG	40	17	17	0	34	16	15	0	31	1	1	0	2	0	0	0	0	0	1	0	1	0
	GGDSD, CHD	MEFB II	COMMERCE	PG		21	12	0	33	19	10	0	29	1	2	0	3	0	0	0	0	1	0	0	1	0
	GGDSD, CHD	PGDCA I	I.T	PG	60	23	7	0	30	19	6	0	25	1	1	0	2	0	0	0	0	3	0	0	3	0
	GGDSD, CHD	PGDMC I	ARTS	PG	50	7	6	0	13	7	5	0	12	0	1	0	1	0	0	0	0	0	0	0	0	0
	GGDSD, CHD	PGDMM I	COMMERCE	PG	60	27	24	0	51	25	21	0	46	1	0	0	1	0	0	0	0	1	3	0	4	0
	GGDSD, CHD	PGDPLW I	COMMERCE	PG	60	15	17	0	32	14	16	0	30	1	0	0	1	0	0	0	0	0	1	0	1	0
29	GHG Harparkash College of Education for Women, Sidhwan Khurd (Ludhiana)	B.Ed-I	Education	UG	100	0	44	0	44	0	17	0	17	0	23	0	23	0	0	0	0	1	4	0	4	0

	GHG Harparkash College of Education for Women, Sidhwan Khurd (Ludhiana)	B.Ed-III	Education	UG	100	0	46	0	46	0	22	0	22	0	18	0	18	0	0	0	0	2	6	0	6	0	0	0	0
	GHG Harparkash College of Education for Women, Sidhwan Khurd (Ludhiana)	M.Ed-I	Education	PG	50	0	5	0	5	0	1	0	1	0	3	0	3	0	0	0	0	3	1	0	1	0	0	0	0
	GHG Harparkash College of Education for Women, Sidhwan Khurd (Ludhiana)	M.Ed-III	Education	PG	50	0	2	0	2	0	1	0	1	0	1	0	1	0	0	0	0	4	0	0	0	0	0	0	0
	GHG Harparkash College of Education for Women, Sidhwan Khurd (Ludhiana)	PG Dip. in Guid. & Coun.-I	Education	PG	40	0	5	0	5	0	4	0	4	0	1	0	1	0	0	0	0	5	0	0	0	0	0	0	0
30	Saint Sahara College of Education, Sri Muktsar Sahib	B.Ed. 2nd Year	Education	UG	100	33	59	0	92	12	30	0	42	18	21	0	39	0	0	0	0	3	8	0	11	0	0	0	0
	Saint Sahara College of Education, Sri Muktsar Sahib	B.Ed. 1st Year	Education	UG	100	37	63	0	100	14	31	0	45	12	21	0	33	0	0	0	0	11	11	0	22	0	0	0	0
31	SWAMI PREME0ND MAHAVIDYALAYA, MUKERIAN, DISTT. HOSHIARPUR (PB.)	BA	ARTS	UG	UNLIMITED	318	288	0	606	153	127	0	280	76	80	0	156	0	0	0	0	89	81	0	170	0	0	0	0
	SWAMI PREME0ND MAHAVIDYALAYA, MUKERIAN, DISTT. HOSHIARPUR (PB.)	B.SC	SCIENCE	UG	UNLIMITED	131	232	0	363	60	102	0	162	25	34	0	59	0	0	0	0	46	96	0	142	0	0	0	0
	SWAMI PREME0ND MAHAVIDYALAYA, MUKERIAN, DISTT. HOSHIARPUR (PB.)	B.COM	COMMERCE	UG	70	92	96	0	188	54	52	0	106	12	16	0	28	0	0	0	0	26	28	0	54	0	0	0	0
	SWAMI PREME0ND MAHAVIDYALAYA, MUKERIAN, DISTT. HOSHIARPUR (PB.)	B.C.A.	SCIENCE	UG	40	77	44	0	121	37	18	0	55	9	8	0	17	0	0	0	0	31	18	0	49	0	0	0	0
	SWAMI PREME0ND MAHAVIDYALAYA, MUKERIAN, DISTT. HOSHIARPUR (PB.)	MA (ENG)	ARTS	PG	60	7	42	0	49	4	26	0	30	1	5	0	6	0	0	0	0	2	11	0	13	0	0	0	0
	SWAMI PREME0ND MAHAVIDYALAYA, MUKERIAN, DISTT. HOSHIARPUR (PB.)	MA (HIN)	ARTS	PG	60	2	40	0	42	1	17	0	18	1	10	0	11	0	0	0	0	0	12	0	12	0	0	0	0
	SWAMI PREME0ND MAHAVIDYALAYA, MUKERIAN, DISTT. HOSHIARPUR (PB.)	MA(HIST)	ARTS	PG	60	6	37	0	43	2	17	0	19	4	5	0	9	0	0	0	0	0	15	0	15	0	0	0	0
	SWAMI PREME0ND MAHAVIDYALAYA, MUKERIAN, DISTT. HOSHIARPUR (PB.)	MA(PBI)	ARTS	PG	60	9	12	0	21	3	4	0	7	3	3	0	6	0	0	0	0	3	5	0	8	0	0	0	0
	SWAMI PREME0ND MAHAVIDYALAYA, MUKERIAN, DISTT. HOSHIARPUR (PB.)	MA(POL.SCI)	ARTS	PG	60	5	27	0	32	4	8	0	12	0	7	0	7	0	0	0	0	1	12	0	13	0	0	0	0
	SWAMI PREME0ND MAHAVIDYALAYA, MUKERIAN, DISTT. HOSHIARPUR (PB.)	M.COM	COMMERCE	PG	40	8	29	0	37	4	14	0	18	0	6	0	6	0	0	0	0	4	9	0	13	0	0	0	0
	SWAMI PREME0ND MAHAVIDYALAYA, MUKERIAN, DISTT. HOSHIARPUR (PB.)	M.SC(CHM)	SCIENCE	PG	40	5	30	0	35	3	16	0	19	0	0	0	0	0	0	0	0	2	14	0	16	0	0	0	0
	SWAMI PREME0ND MAHAVIDYALAYA, MUKERIAN, DISTT. HOSHIARPUR (PB.)	M.SC(MAT)	SCIENCE	PG	40	8	55	0	63	7	22	0	29	0	9	0	9	0	0	0	0	1	24	0	25	0	0	0	0
	SWAMI PREME0ND MAHAVIDYALAYA, MUKERIAN, DISTT. HOSHIARPUR (PB.)	M.SC(PHY)	SCIENCE	PG	40	3	44	0	47	4	22	0	26	1	4	0	5	0	0	0	0	1	16	0	17	0	0	0	0
	SWAMI PREME0ND MAHAVIDYALAYA, MUKERIAN, DISTT. HOSHIARPUR (PB.)	PGDCA	SCIENCE	PG	40	10	17	0	27	7	8	0	15	1	2	0	3	0	0	0	0	2	7	0	9	0	0	0	0
	SWAMI PREME0ND MAHAVIDYALAYA, MUKERIAN, DISTT. HOSHIARPUR (PB.)	B.VOC(HAM)	VOCATIOOL	UG	40	45	7	0	52	26	4	0	30	9	0	0	9	0	0	0	0	10	3	0	13	0	0	0	0

	SWAMI PREMEEND MAHAVIDYALAYA, MUKERIAN, DISTT. HOSHIARPUR (PB.)	B.VOC(SOFT)	VOCATIOOL	UG	40	60	31	0	91	30	13	0	43	9	4	0	13	0	0	0	0	21	14	0	35	0	0	0	0
32	S.G.H.R.S College For Women, Chabbewal,Hsp	B.A-1st Sem	Arts	UG		0	16	0	16	0	12	0	12	0	3	0	3	0	0	0	0	0	1	0	1	0	0	0	0
	S.G.H.R.S College For Women, Chabbewal,Hsp	B.A-3rd Sem	Arts	UG		0	21	0	21	0	10	0	10	0	7	0	7	0	0	0	0	0	4	0	4	0	0	0	0
	S.G.H.R.S College For Women, Chabbewal,Hsp	B.A-5th Sem	Arts	UG		0	23	0	23	0	10	0	10	0	10	0	10	0	0	0	0	0	3	0	3	0	0	0	0
	S.G.H.R.S College For Women, Chabbewal,Hsp	B.Com-1st Sem	Commerce	UG		0	21	0	21	0	9	0	9	0	7	0	7	0	0	0	0	0	5	0	5	0	0	0	0
	S.G.H.R.S College For Women, Chabbewal,Hsp	B.Com-3rd Sem	Commerce	UG		0	24	0	24	0	7	0	7	0	10	0	10	0	0	0	0	0	7	0	7	0	0	0	0
	S.G.H.R.S College For Women, Chabbewal,Hsp	B.Com-5th Sem	Commerce	UG		0	27	0	27	0	14	0	14	0	7	0	7	0	0	0	0	0	6	0	6	0	0	0	0
	S.G.H.R.S College For Women, Chabbewal,Hsp	B.C.A- 1st Sem	Comp. App	UG		0	10	0	10	0	3	0	3	0	5	0	5	0	0	0	0	0	2	0	2	0	0	0	0
	S.G.H.R.S College For Women, Chabbewal,Hsp	B.C.A- 2nd Sem	Comp. App	UG		0	13	0	13	0	5	0	5	0	6	0	6	0	0	0	0	0	2	0	2	0	0	0	0
	S.G.H.R.S College For Women, Chabbewal,Hsp	B.C.A- 5th Sem	Comp. App	UG		0	11	0	11	0	6	0	6	0	3	0	3	0	0	0	0	0	2	0	2	0	0	0	0
	S.G.H.R.S College For Women, Chabbewal,Hsp	B.Sc(N.M.)-3rd Sem	Science	UG		0	3	0	3	0	1	0	1	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0
	S.G.H.R.S College For Women, Chabbewal,Hsp	B.Sc(N.M.)-5th Sem	Science	UG		0	8	0	8	0	5	0	5	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0
	S.G.H.R.S College For Women, Chabbewal,Hsp	B.Sc(FD.)-1st Sem	Fashion Designing	UG		0	5	0	5	0	4	0	4	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	S.G.H.R.S College For Women, Chabbewal,Hsp	B.Sc(FD.)-3rd Sem	Fashion Designing	UG		0	10	0	10	0	7	0	7	0	2	0	2	0	0	0	0	0	1	0	1	0	0	0	0
	S.G.H.R.S College For Women, Chabbewal,Hsp	B.Sc(FD.)-5th Sem	Fashion Designing	UG		0	10	0	10	0	3	0	3	0	2	0	2	0	0	0	0	0	5	0	5	0	0	0	0
	S.G.H.R.S College For Women, Chabbewal,Hsp	PGDCA-1st Sem	Comp. App	PG		0	5	0	5	0	1	0	1	0	2	0	2	0	0	0	0	0	2	0	2	0	0	0	0
	S.G.H.R.S College For Women, Chabbewal,Hsp	M.Com-1st Sem	Commerce	PG		0	11	0	11	0	9	0	9	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0
	S.G.H.R.S College For Women, Chabbewal,Hsp	M.Com-3rd Sem	Commerce	PG		0	5	0	5	0	3	0	3	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0
33	Dasmesh Khalsa College, Muktsar	BA 1st Year	Arts	UG		85	46	0	131	52	17	0	69	25	24	0	49	0	0	0	0	8	5	0	13	0	0	0	0
	Dasmesh Khalsa College, Muktsar	BA 2nd Year	Arts	UG		61	64	0	125	32	22	0	54	21	28	0	49	0	0	0	0	8	13	0	21	0	1	0	1
	Dasmesh Khalsa College, Muktsar	BA 3rd Year	Arts	UG		84	48	0	132	63	25	0	88	9	17	0	26	0	0	0	0	12	6	0	18	0	0	0	0
	Dasmesh Khalsa College, Muktsar	BCA 1st Year	Arts	UG	30	4	4	0	8	1	4	0	5	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0
	Dasmesh Khalsa College, Muktsar	BCA 2nd Year	Arts	UG	30	6	2	0	8	2	1	0	3	1	0	0	1	0	0	0	0	3	1	0	4	0	0	0	0
	Dasmesh Khalsa College, Muktsar	BCA 3rd Year	Arts	UG	30	3	5	0	8	2	1	0	3	0	3	0	3	0	0	0	0	1	1	0	2	0	0	0	0
	Dasmesh Khalsa College, Muktsar	MA (Pbi) 1st Year	Language	PG	40	6	8	0	14	4	4	0	8	1	4	0	5	0	0	0	0	1	0	0	1	0	0	0	0
	Dasmesh Khalsa College, Muktsar	MA (Pbi) 2nd Year	Language	PG	40	2	12	0	14	2	8	0	10	0	3	0	3	0	0	0	0	0	1	0	1	0	0	0	0
	Dasmesh Khalsa College, Muktsar	PGDCA	Diploma	PG	60	4	1	0	5	3	0	0	3	0	1	0	1	0	0	0	0	1	0	0	1	0	0	0	0
34	MEHR CHAND MAHAJAN DAV COLLEGE FOR WOMEN,	B.A-I	Arts	UG	Unlimited	0	932	0	932	0	807	0	807	0	39	0	39	0	10	0	10	0	75	0	75	0	1	0	1









36	Post Graduate Government College for Girls, Sector- 42, Chandigarh	BA-I	UG	584	0	584	0	584	0	453	0	453	0	99	0	99	0	7	0	7	0	0	0	0	0	3	0	3
	Post Graduate Government College for Girls, Sector- 42, Chandigarh	BA-II	UG	532	0	532	0	532	0	390	0	390	0	97	0	97	0	12	0	12	0	0	0	0	0	1	0	1
	Post Graduate Government College for Girls, Sector- 42, Chandigarh	BA-III	UG	596	0	596	0	596	0	423	0	423	0	117	0	117	0	21	0	21	0	0	0	0	0	2	0	2
	Post Graduate Government College for Girls, Sector- 42, Chandigarh	BA IT- I	UG	18	0	18	0	18	0	17	0	17	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	Post Graduate Government College for Girls, Sector- 42, Chandigarh	BA IT- II	UG	5	0	5	0	5	0	4	0	4	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	Post Graduate Government College for Girls, Sector- 42, Chandigarh	BA IT- III	UG	12	0	12	0	12	0	10	0	10	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
	Post Graduate Government College for Girls, Sector- 42, Chandigarh	BCA-I	UG	82	0	82	0	82	0	66	0	66	0	11	0	11	0	0	0	0	0	0	0	0	0	0	0	0
	Post Graduate Government College for Girls, Sector- 42, Chandigarh	BCA-II	UG	57	0	57	0	57	0	42	0	42	0	12	0	12	0	0	0	0	0	0	0	0	0	0	0	0
	Post Graduate Government College for Girls, Sector- 42, Chandigarh	BCA-III	UG	59	0	59	0	59	0	47	0	47	0	10	0	10	0	10	0	10	0	0	0	0	0	0	0	0
	Post Graduate Government College for Girls, Sector- 42, Chandigarh	Bcom-I	UG	142	0	142	0	142	0	103	0	103	0	20	0	20	0	2	0	2	0	0	0	0	0	0	0	0
	Post Graduate Government College for Girls, Sector- 42, Chandigarh	Bcom-II	UG	131	0	131	0	131	0	95	0	95	0	18	0	18	0	1	0	1	0	0	0	0	0	0	0	0
	Post Graduate Government College for Girls, Sector- 42, Chandigarh	Bcom-III	UG	144	0	144	0	144	0	98	0	98	0	21	0	21	0	4	0	4	0	0	0	0	0	0	0	0
	Post Graduate Government College for Girls, Sector- 42, Chandigarh	BSc- BTH-I	UG	31	0	31	0	31	0	24	0	24	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
	Post Graduate Government College for Girls, Sector- 42, Chandigarh	BSc- BTH-II	UG	23	0	23	0	23	0	12	0	12	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0
	Post Graduate Government College for Girls, Sector- 42, Chandigarh	BSc- BTH-III	UG	19	0	19	0	19	0	12	0	12	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0
	Post Graduate Government College for Girls, Sector- 42, Chandigarh	BSc-I	UG	205	0	205	0	205	0	170	0	170	0	14	0	14	0	1	0	1	0	0	0	0	0	0	0	0
	Post Graduate Government College for Girls, Sector- 42, Chandigarh	BSc-II	UG	176	0	176	0	176	0	126	0	126	0	19	0	19	0	3	0	3	0	0	0	0	0	0	0	0
	Post Graduate Government College for Girls, Sector- 42, Chandigarh	BSc-III	UG	181	0	181	0	181	0	118	0	118	0	16	0	16	0	5	0	5	0	0	0	0	0	0	0	0
	Post Graduate Government College for Girls, Sector- 42, Chandigarh	BPEd- I	UG	29	0	29	0	29	0	19	0	19	0	5	0	5	0	1	0	1	0	0	0	0	0	0	0	0
	Post Graduate Government College for Girls, Sector- 42, Chandigarh	BPEd-II	UG	25	0	25	0	25	0	11	0	11	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0



	Guru Nanak College Moga	MA PBI II	ARTS	PG	60	0	7	0	7	0	5	0	5	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0
	Guru Nanak College Moga	MA ENG I	ARTS	PG	60	4	9	0	13	3	6	0	9	1	1	0	2	0	0	0	0	2	0	2	0	0	0	0
	Guru Nanak College Moga	MA ENG II	ARTS	PG	60	1	13	0	14	0	8	0	8	0	2	0	2	0	0	0	0	1	3	0	4	0	0	0
	Guru Nanak College Moga	MA ECO I	ARTS	PG	60	0	11	0	11	0	6	0	6	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0
	Guru Nanak College Moga	MA ECO II	ARTS	PG	60	0	4	0	4	0	2	0	2	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0
	Guru Nanak College Moga	PGDCA I	SCIENCE	PG	40	3	6	0	9	3	3	0	6	0	2	0	2	0	0	0	0	0	1	0	1	0	0	0
38	S.D.COLLEGE FOR WOMEN, MOGA	B.A.	Arts	UG	Unlimited	0	132	0	132	0	53	0	53	0	69	0	59	0	0	0	0	20	0	20	0	0	0	0
	S.D.COLLEGE FOR WOMEN, MOGA	B.Com.	Commerce	UG	210	0	163	0	163	0	100	0	100	0	23	0	23	0	0	0	0	40	0	40	0	0	0	0
	S.D.COLLEGE FOR WOMEN, MOGA	BCA	Computer	UG	240	0	57	0	57	0	36	0	36	0	5	0	5	0	0	0	0	16	0	16	0	0	0	0
	S.D.COLLEGE FOR WOMEN, MOGA	B.Sc.	Fashion Designing	UG	90	0	31	0	31	0	22	0	22	0	6	0	6	0	0	0	0	3	0	3	0	0	0	0
	S.D.COLLEGE FOR WOMEN, MOGA	B.Voc.	HAM	UG	150	0	28	0	28	0	9	0	9	0	10	0	10	0	0	0	0	9	0	9	0	0	0	0
	S.D.COLLEGE FOR WOMEN, MOGA	B.Voc.	FPQM	UG	150	0	13	0	13	0	6	0	6	0	5	0	5	0	0	0	0	2	0	2	0	0	0	0
	S.D.COLLEGE FOR WOMEN, MOGA	M.Com	Commerce	PG	80	0	41	0	41	0	32	0	32	0	1	0	1	0	0	0	0	8	0	8	0	0	0	0
	S.D.COLLEGE FOR WOMEN, MOGA	PGDCA	Computer	PG	30	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	S.D.COLLEGE FOR WOMEN, MOGA	M.Sc.	Information Technology	PG	60	0	12	0	12	0	6	0	6	0	2	0	2	0	0	0	0	4	0	4	0	0	0	0
	S.D.COLLEGE FOR WOMEN, MOGA	Master of Arts	Punjabi	PG	120	0	7	0	7	0	4	0	4	0	1	0	1	0	0	0	0	2	0	2	0	0	0	0
	S.D.COLLEGE FOR WOMEN, MOGA	Master of Arts	English	PG	120	0	6	0	6	0	5	0	5	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
	S.D.COLLEGE FOR WOMEN, MOGA	Master of Arts	History	PG	120	0	4	0	4	0	1	0	1	0	2	0	2	0	0	0	0	1	0	1	0	0	0	0
	S.D.COLLEGE FOR WOMEN, MOGA	Master of Arts	Economics	PG	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	S.D.COLLEGE FOR WOMEN, MOGA	Master of Arts	Hindi	PG	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	Partap College of Education,Ludhiana	M.Ed. (2021-23)	Edcation	PG	50	1	34	0	35	1	31	0	32	0	0	0	0	0	0	0	0	3	0	3	0	0	0	0
	Partap College of Education,Ludhiana	B.Ed. (2021-23)		UG	200	21	179	0	200	15	155	0	170	0	15	0	19	0	0	0	2	9	0	11	0	0	0	0
40	Ramgarhia Girls College, Miller Ganj,Ludhiana	BA-I	Arts	UG		0	164	0	164	0	139	0	139	0	8	0	8	0	0	0	0	17	0	17	0	0	0	0
	Ramgarhia Girls College, Miller Ganj,Ludhiana	BA-II	Arts	UG		0	118	0	118	0	95	0	95	0	11	0	11	0	0	0	0	12	0	12	0	0	0	0
	Ramgarhia Girls College, Miller Ganj,Ludhiana	BA-III	Arts	UG		0	113	0	113	0	84	0	84	0	22	0	22	0	0	0	0	7	0	7	0	0	0	0
	Ramgarhia Girls College, Miller Ganj,Ludhiana	BCA-I	Science	UG	40	0	20	0	20	0	13	0	13	0	2	0	2	0	0	0	0	5	0	5	0	0	0	0
	Ramgarhia Girls College, Miller Ganj,Ludhiana	BCA-II	Science	UG	40	0	33	0	33	0	18	0	18	0	5	0	5	0	0	0	0	10	0	10	0	0	0	0
	Ramgarhia Girls College, Miller Ganj,Ludhiana	BCA-III	Science	UG	40	0	12	0	12	0	9	0	9	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0
	Ramgarhia Girls College, Miller Ganj,Ludhiana	BCOM-I	Commerce	UG	140	0	148	0	148	0	78	0	78	0	28	0	28	0	0	0	0	42	0	42	0	0	0	0
	Ramgarhia Girls College, Miller Ganj,Ludhiana	BCOM-II	Commerce	UG	140	0	120	0	120	0	97	0	97	0	10	0	10	0	0	0	0	13	0	13	0	0	0	0







	Sant Baba Bhag Singh Mem. Girls College, SukhaDnd (Moga)	BCA.III	Computer Application	UG	40	0	10	0	10	0	8	0	8	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0
	Sant Baba Bhag Singh Mem. Girls College, SukhaDnd (Moga)	B.Sc.I	Fashion Designing	UG	40	0	4	0	4	0	3	0	3	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
	Sant Baba Bhag Singh Mem. Girls College, SukhaDnd (Moga)	B.Sc.II	Fashion Designing	UG	40	0	6	0	6	0	5	0	5	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
	Sant Baba Bhag Singh Mem. Girls College, SukhaDnd (Moga)	B.Sc.III	Fashion Designing	UG	40	0	3	0	3	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sant Baba Bhag Singh Mem. Girls College, SukhaDnd (Moga)	M.A.I	Punjabi	PG	40	0	3	0	3	0	2	0	2	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
	Sant Baba Bhag Singh Mem. Girls College, SukhaDnd (Moga)	M.A.II	Punjabi	PG	40	0	4	0	4	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sant Baba Bhag Singh Mem. Girls College, SukhaDnd (Moga)	M.A.I	English	PG	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sant Baba Bhag Singh Mem. Girls College, SukhaDnd (Moga)	M.A.II	English	PG	40	0	6	0	6	0	5	0	5	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
	Sant Baba Bhag Singh Mem. Girls College, SukhaDnd (Moga)	M.A.I	Hindi	PG	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sant Baba Bhag Singh Mem. Girls College, SukhaDnd (Moga)	M.A.II	Hindi	PG	40	0	5	0	5	0	4	0	4	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
	Sant Baba Bhag Singh Mem. Girls College, SukhaDnd (Moga)	M.A.I	History	PG	40	0	4	0	4	0	3	0	3	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
	Sant Baba Bhag Singh Mem. Girls College, SukhaDnd (Moga)	M.A.II	History	PG	40	0	10	0	10	0	9	0	9	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
	Sant Baba Bhag Singh Mem. Girls College, SukhaDnd (Moga)	M.A.I	Political Sci.	PG	40	0	3	0	3	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
	Sant Baba Bhag Singh Mem. Girls College, SukhaDnd (Moga)	M.A.II	Political Sci.	PG	40	0	7	0	7	0	4	0	4	0	1	0	1	0	0	0	0	2	0	2	0	0	0	0
	Sant Baba Bhag Singh Mem. Girls College, SukhaDnd (Moga)	M.A.I	Sociology	PG	40	0	3	0	3	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
	Sant Baba Bhag Singh Mem. Girls College, SukhaDnd (Moga)	M.A.II	Sociology	PG	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sant Baba Bhag Singh Mem. Girls College, SukhaDnd (Moga)	M.Com.I	Commerce	PG	40	0	9	0	9	0	6	0	6	0	2	0	2	0	0	0	0	1	0	1	0	0	0	0
	Sant Baba Bhag Singh Mem. Girls College, SukhaDnd (Moga)	M.Com.II	Commerce	PG	40	0	7	0	7	0	3	0	3	0	1	0	1	0	0	0	0	3	0	3	0	0	0	0
	Sant Baba Bhag Singh Mem. Girls College, SukhaDnd (Moga)	M.Sc.I	Mathematics	PG	40	0	4	0	4	0	2	0	2	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0
	Sant Baba Bhag Singh Mem. Girls College, SukhaDnd (Moga)	M.Sc.II	Mathematics	PG	40	0	5	0	5	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sant Baba Bhag Singh Mem. Girls College, SukhaDnd (Moga)	PGDCA	Computer Application	PG	40	0	3	0	3	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	MBG GOVT COLLEGE POJEWAL (SBS OGAR)	BA 1st Sem	Arts	UG	160	70	52	0	0	2	9	0	11	18	19	0	37	0	0	0	0	32	42	0	74	0	0	0
	MBG GOVT COLLEGE POJEWAL (SBS OGAR)	BA 3rd Sem	Arts	UG	160	41	47	0	0	5	5	0	10	12	13	0	25	0	0	0	0	30	23	0	53	0	0	0
	MBG GOVT COLLEGE POJEWAL (SBS OGAR)	BA 5th Sem	Arts	UG	160	36	41	0	0	6	1	0	7	12	12	0	24	0	0	0	0	23	23	0	46	0	0	0
	MBG GOVT COLLEGE POJEWAL (SBS OGAR)	MA Punjabi 1st Sem	Languages	PG	40	11	4	0	0	4	0	4	1	3	0	4	0	0	0	0	3	4	0	7	0	0	0	0
	MBG GOVT COLLEGE POJEWAL (SBS OGAR)	MA Punjabi 3rd Sem	Languages	PG	40	8	4	0	0	0	0	0	2	3	0	5	0	0	0	0	2	5	0	7	0	0	0	0
48	Govt. College Danewala, Malout	B.A.I	Arts	UG	80	29	51	0	80	5	12	0	17	18	35	0	53	0	0	0	6	4	0	10	1	0	0	1
	Govt. College Danewala, Malout	B.Com.I	Commerce	UG	34	14	20	0	34	7	14	0	21	5	4	0	9	0	0	0	2	2	0	4	0	0	0	0

49	Govt.Model Degree College ,Fatehgarh Korota0 ,Moga	B.A	ARTS/COMMERCE/	UG	80	42	19	0	61	9	2	0	11	30	16	0	46	0	0	0	0	3	1	0	4	0	0	0	0
	Govt.Model Degree College ,Fatehgarh Korota0 ,Moga	B.COM	ARTS/COMMERCE	UG	70	13	5	0	18	8	0	0	8	4	3	0	7	0	0	0	0	1	2	0	3	0	0	0	0
50	Royal Bahra College Of law , Bahan Hoshiarpur	B.A.LLB (Hons.)	Arts/ Science/ Commerce/Education/ Engg & Technology/Languages/Law	UG	120	25	62	0	87	13	18	0	31	18	28	0	46	0	0	0	0	5	5	0	10	0	0	0	0
51	GURU GOBIND SINGH KHALSA COLLEGE OF EDUCATION FOR WOMEN, VPO- KAMALPURA (Ludhiana)	B.ED.	Education	UG	50+50	0	59	0	59	0	37	0	37	0	10	0	10	0	0	0	0	0	12	0	12	0	0	0	0
52	Govt. College, Hoshiarpur.	BA I	Arts	UG	800	412	462	0	874	119	114	0	233	236	283	0	519	0	0	0	0	57	65	0	122	0	0	0	0
	Govt. College, Hoshiarpur.	BA II	Arts	UG	800	339	495	0	834	108	126	0	234	182	291	0	473	0	0	0	0	49	78	0	127	0	0	0	0
	Govt. College, Hoshiarpur.	BA III	Arts	UG	800	207	402	0	609	57	110	0	167	117	218	0	335	0	0	0	0	33	74	0	107	0	0	0	0
	Govt. College, Hoshiarpur.	B.Com I	Commerce	UG	70	19	60	0	79	7	28	0	35	8	19	0	27	0	0	0	0	4	13	0	17	0	0	0	0
	Govt. College, Hoshiarpur.	B.Com II	Commerce	UG	70	14	45	0	59	8	16	0	24	4	19	0	23	0	0	0	0	2	10	0	12	0	0	0	0
	Govt. College, Hoshiarpur.	B.Com III	Commerce	UG	70	16	51	0	67	7	20	0	27	7	15	0	22	0	0	0	0	2	16	0	18	0	0	0	0
	Govt. College, Hoshiarpur.	BCA I	Computer	UG	40	19	29	0	48	6	11	0	17	10	11	0	21	0	0	0	0	3	7	0	10	0	0	0	0
	Govt. College, Hoshiarpur.	BCA II	Computer	UG	40	15	22	0	37	2	4	0	6	10	11	0	21	0	0	0	0	3	7	0	10	0	0	0	0
	Govt. College, Hoshiarpur.	BCA III	Computer	UG	40	8	21	0	29	5	3	0	8	3	16	0	19	0	0	0	0	0	2	0	2	0	0	0	0
	Govt. College, Hoshiarpur.	B.Sc. I (Medical)	Science	UG	80	21	59	0	80	5	19	0	24	15	21	0	36	0	0	0	0	1	9	0	10	0	0	0	0
	Govt. College, Hoshiarpur.	B.Sc. II (Medical)	Science	UG	80	14	37	0	51	4	10	0	14	8	22	0	30	0	0	0	0	2	5	0	7	0	0	0	0
	Govt. College, Hoshiarpur.	B.Sc. III (Medical)	Science	UG	80	7	45	0	52	3	17	0	20	3	22	0	25	0	0	0	0	1	6	0	7	0	0	0	0
	Govt. College, Hoshiarpur.	B.Sc. I (Non-Medical)	Science	UG	80	43	94	0	137	15	33	0	48	22	37	0	59	0	0	0	0	6	24	0	30	0	0	0	0
	Govt. College, Hoshiarpur.	B.Sc. II (Non-Medical)	Science	UG	80	36	113	0	149	11	37	0	48	20	46	0	66	0	0	0	0	5	30	0	35	0	0	0	0
	Govt. College, Hoshiarpur.	B.Sc. III (Non- Medical)	Science	UG	80	37	76	0	113	8	22	0	30	23	33	0	56	0	0	0	0	6	21	0	27	0	0	0	0
	Govt. College, Hoshiarpur.	B.Sc. III (Agriculture)	Science	UG	40	13	22	0	35	4	11	0	15	6	8	0	14	0	0	0	0	3	3	0	6	0	0	0	0
	Govt. College, Hoshiarpur.	B.Sc. IV (Agriculture)	Science	UG	40	14	24	0	38	5	15	0	20	7	7	0	14	0	0	0	0	2	2	0	4	0	0	0	0
	Govt. College, Hoshiarpur.	M.A.I (English)	Arts	PG	60	12	43	0	55	8	21	0	29	3	13	0	16	0	0	0	0	1	9	0	10	0	0	0	0
	Govt. College, Hoshiarpur.	M.A.I (Punjabi)	Arts	PG	60	11	24	0	35	2	6	0	8	9	15	0	24	0	0	0	0	0	3	0	3	0	0	0	0
	Govt. College, Hoshiarpur.	M.A.I (Hindi)	Arts	PG	60	4	15	0	19	1	1	0	2	1	11	0	12	0	0	0	0	2	3	0	5	0	0	0	0
	Govt. College, Hoshiarpur.	M.A.I (History)	Arts	PG	60	5	24	0	29	0	5	0	5	5	17	0	22	0	0	0	0	0	2	0	2	0	0	0	0
	Govt. College, Hoshiarpur.	M.A.I (Economics)	Arts	PG	60	2	30	0	32	0	10	0	10	1	12	0	13	0	0	0	0	1	8	0	9	0	0	0	0
	Govt. College, Hoshiarpur.	M.A.I (Political Science)	Arts	PG	60	5	26	0	31	1	3	0	4	3	21	0	24	0	0	0	0	1	2	0	3	0	0	0	0
	Govt. College, Hoshiarpur.	M.A.I (Fine Arts)	Arts	PG	25	1	18	0	19	0	8	0	8	1	6	0	7	0	0	0	0	0	4	0	4	0	0	0	0
	Govt. College, Hoshiarpur.	M.A.I (Musice Vocal)	Arts	PG	20	6	1	0	7	0	1	0	1	5	0	0	5	0	0	0	0	1	0	0	1	0	0	0	0
	Govt. College, Hoshiarpur.	M.Sc.I (Mathematics)	Science	PG	60	4	58	0	62	0	26	0	26	3	16	0	19	0	0	0	0	1	16	0	17	0	0	0	0
	Govt. College, Hoshiarpur.	M.Sc.I (I.T.)	Science	PG	20	4	5	0	9	1	1	0	2	2	3	0	5	0	0	0	0	1	1	0	2	0	0	0	0
	Govt. College, Hoshiarpur.	M.Com I	Commerce	PG	40	0	20	0	20	0	10	0	10	0	5	0	5	0	0	0	0	0	5	0	5	0	0	0	0
	Govt. College, Hoshiarpur.	PGDCA	Computer	PG	30	12	18	0	30	3	5	0	8	4	9	0	13	0	0	0	0	5	4	0	9	0	0	0	0
	Govt. College, Hoshiarpur.	M.A.II (English)	Arts	PG	60	7	29	0	36	4	16	0	20	3	12	0	15	0	0	0	0	0	1	0	1	0	0	0	0
	Govt. College, Hoshiarpur.	M.A.II (Punjabi)	Arts	PG	60	5	32	0	37	2	7	0	9	2	22	0	24	0	0	0	0	1	3	0	4	0	0	0	0
	Govt. College, Hoshiarpur.	M.A.II (Hindi)	Arts	PG	60	1	30	0	31	0	6	0	6	1	19	0	20	0	0	0	0	0	5	0	5	0	0	0	0
	Govt. College, Hoshiarpur.	M.A.II (History)	Arts	PG	60	5	23	0	28	0	9	0	9	3	9	0	12	0	0	0	0	2	5	0	7	0	0	0	0
	Govt. College, Hoshiarpur.	M.A.II (Economics)	Arts	PG	60	2	18	0	20	0	8	0	8	2	9	0	11	0	0	0	0	0	1	0	1	0	0	0	0
	Govt. College, Hoshiarpur.	M.A.II (Political Science)	Arts	PG	60	3	29	0	32	0	8	0	8	3	16	0	19	0	0	0	0	0	5	0	5	0	0	0	0
	Govt. College, Hoshiarpur.	M.A.II (Fine Arts)	Arts	PG	25	1	9	0	10	0	5	0	5	1	2	0	3	0	0	0	0	0	2	0	2	0	0	0	0



	Khalsa College Gardhiwala(HSP)	M.A. Pol-Sci Sem-1	Arts	PG	60	0	7	0	7	0	3	0	3	0	3	0	0	0	0	0	1	0	1	0	0	0	0		
	Khalsa College Gardhiwala(HSP)	M.A Pol Sci sem-3	Arts	PG	60	0	4	0	4	0	3	0	3	0	0	0	0	0	0	0	1	0	3	0	0	0	0		
	Khalsa College Gardhiwala(HSP)	M.Com Sem-1	Comm.	PG	60	2	10	0	12	1	5	0	6	0	2	0	2	0	0	0	0	3	0	3	1	0	0	1	
	Khalsa College Gardhiwala(HSP)	M.Com Sem-3	Comm.	PG	60	2	19	0	21	2	5	0	7	0	9	0	9	0	0	0	0	5	0	5	0	0	0	0	
	Khalsa College Gardhiwala(HSP)	M.Sc. Chm Sem-1	Sci	PG	60	0	10	0	10	0	6	0	6	0	3	0	3	0	0	0	0	1	0	1	0	0	0	0	
	Khalsa College Gardhiwala(HSP)	M.Sc. Chm Sem-3	Sci	PG	60	0	15	0	15	0	6	0	6	0	4	0	4	0	0	0	0	5	0	5	0	0	0	0	
	Khalsa College Gardhiwala(HSP)	PGDCA	Sci	PG	40	0	6	0	6	0	2	0	2	0	3	0	3	0	0	0	0	1	0	1	0	0	0	0	
58	D.A.V. COLLEGE, HOSHIARPUR	ARTS/SCIENCE/COMMERCE/LAN GUAGES	BOTH		1213	627	586	0	1213	356	334	0	690	163	133	0	296	0	0	0	108	119	0	227	0	0	0	0	
59	Guru Gobind Singh College for Women, Sector-26, Chandigarh	B.A-I	Arts	UG	450	0	264	0	0	0	154	0	154	0	35	0	35	0	33	0	33	0	24	0	24	0	0	0	0
	Guru Gobind Singh College for Women, Sector-26, Chandigarh	B.A-II	Arts	UG	450	0	307	0	0	0	209	0	209	0	32	0	32	0	28	0	28	0	26	0	26	0	0	0	0
	Guru Gobind Singh College for Women, Sector-26, Chandigarh	B.A-III	Arts	UG	450	0	295	0	0	0	216	0	216	0	44	0	44	0	8	0	8	0	21	0	21	0	0	0	0
	Guru Gobind Singh College for Women, Sector-26, Chandigarh	B.Com-I	Commerce	UG	280+28 (Additio0l Seats)	0	275	0	0	0	245	0	245	0	16	0	16	0	5	0	5	0	5	0	5	0	0	0	0
	Guru Gobind Singh College for Women, Sector-26, Chandigarh	B.Com-II	Commerce	UG	280	0	291	0	0	0	259	0	259	0	10	0	10	0	2	0	2	0	14	0	14	0	0	0	0
	Guru Gobind Singh College for Women, Sector-26, Chandigarh	B.Com-III	Commerce	UG	280	0	266	0	0	0	234	0	234	0	13	0	13	0	1	0	1	0	13	0	13	0	0	0	0
	Guru Gobind Singh College for Women, Sector-26, Chandigarh	BCA-I	Computer Applications	UG	40	0	48	0	0	0	41	0	41	0	3	0	3	0	0	0	0	0	3	0	3	0	0	0	0
	Guru Gobind Singh College for Women, Sector-26, Chandigarh	BCA-II	Computer Applications	UG	40	0	37	0	0	0	24	0	24	0	1	0	1	0	0	0	0	0	8	0	8	0	0	0	0
	Guru Gobind Singh College for Women, Sector-26, Chandigarh	BCA-III	Computer Applications	UG	40	0	27	0	0	0	22	0	22	0	4	0	4	0	0	0	0	0	1	0	1	0	0	0	0
	Guru Gobind Singh College for Women, Sector-26, Chandigarh	B.Sc-I	Science	UG	80	0	31	0	0	0	19	0	19	0	2	0	2	0	2	0	2	0	6	0	6	0	0	0	0
	Guru Gobind Singh College for Women, Sector-26, Chandigarh	B.Sc-II	Science	UG	80	0	41	0	0	0	28	0	28	0	5	0	5	0	0	0	0	0	5	0	5	0	0	0	0
	Guru Gobind Singh College for Women, Sector-26, Chandigarh	B.Sc-III	Science	UG	80	0	25	0	0	0	20	0	20	0	1	0	1	0	1	0	1	0	2	0	2	0	0	0	0
	Guru Gobind Singh College for Women, Sector-26, Chandigarh	M.A (Eng)-I	Arts	PG	60	0	26	0	0	0	20	0	20	0	2	0	2	0	0	0	0	0	3	0	3	0	0	0	0
	Guru Gobind Singh College for Women, Sector-26, Chandigarh	M.A (Eng)-II	Arts	PG	60	0	20	0	0	0	16	0	16	0	4	0	4	0	0	0	0	0	1	0	1	0	0	0	0
	Guru Gobind Singh College for Women, Sector-26, Chandigarh	M.A (Eco)-I	Arts	PG	60	0	12	0	0	0	9	0	9	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0
	Guru Gobind Singh College for Women, Sector-26, Chandigarh	M.A (Eco)-II	Arts	PG	60	0	6	0	0	0	6	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Guru Gobind Singh College for Women, Sector-26, Chandigarh	M.Com-I	Commerce	PG	40	0	36	0	0	0	30	0	30	0	1	0	1	0	1	0	1	0	5	0	5	0	0	0	0
	Guru Gobind Singh College for Women, Sector-26, Chandigarh	M.Com-II	Commerce	PG	40	0	32	0	0	0	25	0	25	0	2	0	2	0	0	0	0	0	1	0	1	0	0	0	0
60	D.A.V. COLLEGE, ABOHAR (PB.)	B.A.I	Arts	UG	0	299	0	0	299	270	0	0	270	22	0	0	22	0	0	0	0	7	0	0	0	0	0	0	0
	D.A.V. COLLEGE, ABOHAR (PB.)	B.Sc.I	Science	UG	0	103	126	0	229	90	109	0	199	12	15	0	27	0	0	0	0	1	2	0	3	0	0	0	0
	D.A.V. COLLEGE, ABOHAR (PB.)	B.Sc.I (Agri)	Science	UG	80	41	10	0	51	40	10	0	50	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	D.A.V. COLLEGE, ABOHAR (PB.)	B.Com.I	Commerce	UG	140	85	66	0	151	80	63	0	143	3	3	0	6	0	0	0	0	2	0	0	2	0	0	0	0





	JC DAV College Dasuya	Advance Software Development	IT &Computer	UG	40	5	4	0	9	0	0	0	11	0	0	0	9	0	0	0	0	1	1	0	3	0	0	0	0
	JC DAV College Dasuya	MSC Chemistry	Science	PG	40	4	42	0	46	2	27	0	38	0	7	0	15	0	0	0	0	2	7	0	10	0	0	0	0
	JC DAV College Dasuya	MScIT	IT &Computer	PG	40	2	33	0	35	0	0	0	14	1	8	0	11	0	0	0	0	1	10	0	17	0	0	0	0
	JC DAV College Dasuya	MSC Physics	Science	PG	40	5	55	0	60	3	28	0	60	1	11	0	12	0	0	0	0	0	1	16	0	10	0	0	0
	JC DAV College Dasuya	MSC Zoology	Science	PG	40	1	37	0	38	0	14	0	36	1	16	0	13	0	0	0	0	0	0	10	0	9	0	0	0
	JC DAV College Dasuya	MSC Math	Science	PG	40	1	37	0	38	1	17	0	30	0	6	0	14	0	0	0	0	0	0	14	0	10	0	0	0
	JC DAV College Dasuya	PGDCA	IT &Computer	PG	40	3	2	0	5	0	0	0	4	0	3	0	0	0	0	0	0	0	2	0	2	0	0	0	0
	JC DAV College Dasuya	MA HISTORY	Social Science	PG	60	0	6	0	6	4	0	0	14	0	1	0	2	0	0	0	0	0	0	1	0	2	0	0	0
	JC DAV College Dasuya	MA PUNJABI	Languages	PG	60	4	12	0	16	7	2	0	7	2	2	0	5	0	0	0	0	0	3	0	4	0	0	0	0
	JC DAV College Dasuya	MA ENGLISH	Languages	PG	60	6	30	0	36	1	17	0	19	1	3	0	10	0	0	0	0	0	5	9	0	9	0	0	0
66	Government Rehabilitation Institute for Intellectual Disabilities Sector-31, Chandigarh	B.Ed. Spl. Edu.(ID) 1st Year	Education	UG	30	0	27	0	27	0	20	0	20	0	7	0	7	0	0	0	0	0	0	0	0	0	0	0	0
	Government Rehabilitation Institute for Intellectual Disabilities Sector-31, Chandigarh	B.Ed. Spl. Edu.(ID) 2nd Year	Education	UG	30	3	27	0	30	3	20	0	23	0	7	0	7	0	0	0	0	0	0	0	0	0	0	0	0
	Government Rehabilitation Institute for Intellectual Disabilities Sector-31, Chandigarh	M.Ed. Spl. Edu.(ID) 1st Year	Education	PG	10	0	6	0	6	0	5	0	5	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	Government Rehabilitation Institute for Intellectual Disabilities Sector-31, Chandigarh	M.Ed. Spl. Edu.(ID) 2nd Year	Education	PG	10	1	7	0	8	1	6	0	7	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
67	MAHARAJA RANJIT SINGH COLLEGE, MALOUT	B.A. 1	ARTS	UG		574	251	0	825	215	55	0	270	310	178	0	488	0	0	0	0	48	18	0	66	1	0	0	1
	MAHARAJA RANJIT SINGH COLLEGE, MALOUT	B.A. 2	ARTS	UG		191	113	0	304	125	54	0	179	61	67	0	118	0	0	0	0	5	2	0	7	0	0	0	0
	MAHARAJA RANJIT SINGH COLLEGE, MALOUT	B.A. 3	ARTS	UG		127	51	0	178	85	32	0	117	36	18	0	54	0	0	0	0	6	1	0	7	0	2	0	2
	MAHARAJA RANJIT SINGH COLLEGE, MALOUT	BCA 1	TECHNOLOGY	UG		20	16	0	36	11	3	0	14	2	11	0	13	0	0	0	0	7	2		9	0	0	0	0
	MAHARAJA RANJIT SINGH COLLEGE, MALOUT	BCA 2	TECHNOLOGY	UG		13	4	0	17	10	3	0	13	2	1	0	3	0	0	0	0	1	0	0	1	0	0	0	0
	MAHARAJA RANJIT SINGH COLLEGE, MALOUT	BCA 3	TECHNOLOGY	UG		2	3	0	5	1	3	0	4	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	MAHARAJA RANJIT SINGH COLLEGE, MALOUT	B.COM 1	Commerce	UG		18	13	0	31	13	9	0	22	3	3	0	6	0	0	0	0	1	1	0	2	0	0	0	0
	MAHARAJA RANJIT SINGH COLLEGE, MALOUT	B.COM 2	Commerce	UG		12	4	0	16	8	3	0	11	4	1	0	5	0	0	0	0	0	0	0	0	0	0	0	0
	MAHARAJA RANJIT SINGH COLLEGE, MALOUT	B.COM 3	Commerce	UG		3	2	0	5	3	2	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	MAHARAJA RANJIT SINGH COLLEGE, MALOUT	MA HIS 1	Arts	PG		10	8	0	18	7	6	0	13	3	2	0	5	0	0	0	0	0	0	0	0	0	0	0	0
	MAHARAJA RANJIT SINGH COLLEGE, MALOUT	MA HIS 2	Arts	PG		18	4	0	22	12	3	0	15	6	0	0	6	0	0	0	0	0	1	0	1	0	0	0	0
	MAHARAJA RANJIT SINGH COLLEGE, MALOUT	MA PBI 1	Arts	PG		4	8	0	12	2	5	0	7	2	3	0	5	0	0	0	0	0	0	0	0	0	0	0	0
	MAHARAJA RANJIT SINGH COLLEGE, MALOUT	MA PBI 2	Arts	PG		5	13	0	18	2	8	0	10	4	1	0	5	0	0	0	0	1	0	0	1	0	0	0	0
	MAHARAJA RANJIT SINGH COLLEGE, MALOUT	MA ENG 1	Arts	PG		12	27	0	39	10	23	0	33	1	4	0	5	0	0	0	0	0	0	0	1	0	0	0	1
	MAHARAJA RANJIT SINGH COLLEGE, MALOUT	MA ECO 1	Arts	PG		1	8	0	9	1	3	0	4	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0
	MAHARAJA RANJIT SINGH COLLEGE, MALOUT	M.COM 1	Commerce	PG		2	4	0	6	1	3	0	4	1	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0

	MAHARAJA RANJIT SINGH COLLEGE, MALOUT	PGDCA	TECHNOLOGY	PG		30	7	0	37	24	5	0	29	4	1	0	5	0	0	0	0	1	2	0	3	0	0	0	0
68	S.G.G.S. Khalsa College, Mahilpur (Hoshiarpur)	B.A. 1st Year	Arts	UG	N/A	171	59	0	230	96	24	0	120	47	18	0	65	0	0	0	0	28	17	0	45	0	0	0	0
	S.G.G.S. Khalsa College, Mahilpur (Hoshiarpur)	B.A. 2nd Year	Arts	UG	N/A	63	38	0	101	23	15	0	38	18	10	0	28	0	0	0	0	22	13	0	35	0	0	0	0
	S.G.G.S. Khalsa College, Mahilpur (Hoshiarpur)	B.A. 3rd Year	Arts	UG	N/A	54	34	0	88	20	13	0	33	16	10	0	26	0	0	0	0	18	11	0	29	0	0	0	0
	S.G.G.S. Khalsa College, Mahilpur (Hoshiarpur)	B.Sc. 1st Year	Science	UG	120	6	47	0	53	3	20	0	23	1	13	0	14	0	0	0	0	2	14	0	16	0	0	0	0
	S.G.G.S. Khalsa College, Mahilpur (Hoshiarpur)	B.Sc. 2nd Year	Science	UG	120	14	48	0	62	6	20	0	26	4	12	0	16	0	0	0	0	4	16	0	20	0	0	0	0
	S.G.G.S. Khalsa College, Mahilpur (Hoshiarpur)	B.Sc. 3rd Year	Science	UG	120	4	38	0	42	2	16	0	18	0	9	0	9	0	0	0	0	2	13	0	15	0	0	0	0
	S.G.G.S. Khalsa College, Mahilpur (Hoshiarpur)	B.Com. 1st Year	Commerce	UG	120	42	50	0	92	15	22	0	38	12	12	0	24	0	0	0	0	15	16	0	31	0	0	0	0
	S.G.G.S. Khalsa College, Mahilpur (Hoshiarpur)	B.Com. 2nd Year	Commerce	UG	120	32	26	0	58	12	10	0	22	9	8	0	17	0	0	0	0	11	8	0	19	0	0	0	0
	S.G.G.S. Khalsa College, Mahilpur (Hoshiarpur)	B.Com. 3rd Year	Commerce	UG	120	25	38	0	63	10	16	0	26	7	10	0	17	0	0	0	0	8	12	0	20	0	0	0	0
	S.G.G.S. Khalsa College, Mahilpur (Hoshiarpur)	B.C.A. 1st Year	Science	UG	40+6	26	20	0	46	10	8	0	18	8	5	0	13	0	0	0	0	8	7	0	15	0	0	0	0
	S.G.G.S. Khalsa College, Mahilpur (Hoshiarpur)	B.C.A. 2nd Year	Science	UG	40	9	13	0	22	4	6	0	10	2	3	0	5	0	0	0	0	3	4	0	7	0	0	0	0
	S.G.G.S. Khalsa College, Mahilpur (Hoshiarpur)	B.C.A. 3rd Year	Science	UG	40	13	11	0	24	5	4	0	9	3	2	0	5	0	0	0	0	5	3	0	8	0	0	0	0
	S.G.G.S. Khalsa College, Mahilpur (Hoshiarpur)	B.Sc. (Agriculture) 1st Year	Science	UG	40	30	6	0	36	12	3	0	15	8	1	0	9	0	0	0	0	10	2	0	12	0	0	0	0
	S.G.G.S. Khalsa College, Mahilpur (Hoshiarpur)	B.Sc. (Agriculture) 3rd Year	Science	UG	40	19	21	0	40	10	7	0	17	4	7	0	11	0	0	0	0	5	7	0	12	0	0	0	0
	S.G.G.S. Khalsa College, Mahilpur (Hoshiarpur)	B.Sc. (Agriculture) 4th Year	Science	UG	40	18	16	0	34	8	7	0	15	4	4	0	8	0	0	0	0	6	5	0	11	0	0	0	0
	S.G.G.S. Khalsa College, Mahilpur (Hoshiarpur)	B.Sc.(FD) 1st Year	Science	UG	40	2	20	0	22	0	8	0	8	0	6	0	6	0	0	0	0	2	6	0	8	0	0	0	0
	S.G.G.S. Khalsa College, Mahilpur (Hoshiarpur)	B.Sc.(FD) 2nd Year	Science	UG	40	0	16	0	16	0	6	0	6	0	5	0	5	0	0	0	0	0	5	0	5	0	0	0	0
	S.G.G.S. Khalsa College, Mahilpur (Hoshiarpur)	B.Sc.(FD) 3rd Year	Science	UG	40	0	20	0	20	0	8	0	8	0	5	0	5	0	0	0	0	0	7	0	7	0	0	0	0
	S.G.G.S. Khalsa College, Mahilpur (Hoshiarpur)	B.Voc. (Horticulture Science) 1st Year	Vocational	UG	50	7	0	0	7	4	0	0	4	2	0	0	2	0	0	0	0	1	1	0	2	0	0	0	0
	S.G.G.S. Khalsa College, Mahilpur (Hoshiarpur)	B.Voc. (Horticulture Science) 2nd Year	Vocational	UG	50	9	1	0	10	4	1	0	5	2	0	0	2	0	0	0	0	3	0	0	3	0	0	0	0
	S.G.G.S. Khalsa College, Mahilpur (Hoshiarpur)	B.Voc. (Horticulture Science) 3rd Year	Vocational	UG	50	6	1	0	7	2	1	0	3	2	0	0	2	0	0	0	0	2	0	0	2	0	0	0	0
	S.G.G.S. Khalsa College, Mahilpur (Hoshiarpur)	B.P.Ed 1st Year	Education	UG	50	38	12	0	50	15	4	0	19	10	4	0	14	0	0	0	0	13	4	0	17	0	0	0	0
	S.G.G.S. Khalsa College, Mahilpur (Hoshiarpur)	B.P.Ed 2nd Year	Education	UG	50	32	13	0	45	12	5	0	17	10	3	0	13	0	0	0	0	10	5	0	15	0	0	0	0
	S.G.G.S. Khalsa College, Mahilpur (Hoshiarpur)	M.A. (English) 1st Year	Arts	PG	60	6	15	0	21	3	7	0	10	1	3	0	4	0	0	0	0	2	5	0	7	0	0	0	0
	S.G.G.S. Khalsa College, Mahilpur (Hoshiarpur)	M.A. (English) 2nd Year	Arts	PG	60	1	9	0	10	1	3	0	4	0	3	0	3	0	0	0	0	0	3	0	3	0	0	0	0
	S.G.G.S. Khalsa College, Mahilpur (Hoshiarpur)	M.A. (Hindi) 1st Year	Arts	PG	60	0	2	0	2	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	S.G.G.S. Khalsa College, Mahilpur (Hoshiarpur)	M.A. (Hindi) 2nd Year	Arts	PG	60	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0



	S.G.G.S. Khalsa College, Mahipur (Hoshiarpur)	M.A. (Punjab) 1st Year	Arts	PG	60	7	2	0	9	4	1	0	5	1	1	0	2	0	0	0	0	2	0	0	0	0	
	S.G.G.S. Khalsa College, Mahipur (Hoshiarpur)	M.A. (Punjab) 2nd Year	Arts	PG	60	4	5	0	9	2	2	0	4	1	1	0	2	0	0	0	0	1	2	0	3	0	0
	S.G.G.S. Khalsa College, Mahipur (Hoshiarpur)	M.A. (Political Science) 1st Year	Arts	PG	60	4	6	0	10	1	2	0	3	2	2	0	4	0	0	0	0	1	2	0	3	0	0
	S.G.G.S. Khalsa College, Mahipur (Hoshiarpur)	M.A. (Political Science) 2nd Year	Arts	PG	60	1	6	0	7	0	3	0	3	0	0	0	0	0	0	0	0	1	3	0	4	0	0
	S.G.G.S. Khalsa College, Mahipur (Hoshiarpur)	M.A. (Economics) 1st Year	Arts	PG	60	0	10	0	10	0	5	0	5	0	2	0	2	0	0	0	0	0	3	0	3	0	0
	S.G.G.S. Khalsa College, Mahipur (Hoshiarpur)	M.A. (Economics) 2nd Year	Arts	PG	60	2	2	0	4	1	1	0	2	0	0	0	0	0	0	0	0	1	1	0	2	0	0
	S.G.G.S. Khalsa College, Mahipur (Hoshiarpur)	M.A. (Human Right & Duties) 1st Year	Arts	PG	60	6	1	0	7	2	1	0	3	2	0	0	2	0	0	0	0	2	0	0	2	0	0
	S.G.G.S. Khalsa College, Mahipur (Hoshiarpur)	M.A. (Human Right & Duties) 2nd Year	Arts	PG	60	1	1	0	2	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0
	S.G.G.S. Khalsa College, Mahipur (Hoshiarpur)	M.A. (Music[V]) 1st Year	Arts	PG	20	4	1	0	5	2	0	0	2	1	0	0	1	0	0	0	0	1	1	0	2	0	0
	S.G.G.S. Khalsa College, Mahipur (Hoshiarpur)	M.A. (Music[V]) 2nd Year	Arts	PG	20	7	1	0	8	3	0	0	3	2	0	0	2	0	0	0	0	2	1	0	3	0	0
	S.G.G.S. Khalsa College, Mahipur (Hoshiarpur)	M.Sc. (Physics) 1st Year	Science	PG	40	1	9	0	10	0	4	0	4	1	2	0	3	0	0	0	0	0	3	0	3	0	0
	S.G.G.S. Khalsa College, Mahipur (Hoshiarpur)	M.Sc. (Physics) 2nd Year	Science	PG	40	1	8	0	9	1	2	0	3	0	3	0	3	0	0	0	0	0	3	0	3	0	0
	S.G.G.S. Khalsa College, Mahipur (Hoshiarpur)	M.Sc. (Chemistry) 1st Year	Science	PG	40	3	29	0	32	1	10	0	11	1	9	0	10	0	0	0	0	1	10	0	11	0	0
	S.G.G.S. Khalsa College, Mahipur (Hoshiarpur)	M.Sc. (Chemistry) 2nd Year	Science	PG	40	9	20	0	29	3	10	0	13	3	5	0	8	0	0	0	0	3	5	0	8	0	0
	S.G.G.S. Khalsa College, Mahipur (Hoshiarpur)	M.Sc. (Mathematics) 1st Year	Science	PG	40	1	11	0	12	0	5	0	5	0	3	0	3	0	0	0	0	1	3	0	4	0	0
	S.G.G.S. Khalsa College, Mahipur (Hoshiarpur)	M.Sc. (Mathematics) 2nd Year	Science	PG	40	1	8	0	9	1	3	0	4	0	2	0	2	0	0	0	0	0	3	0	3	0	0
	S.G.G.S. Khalsa College, Mahipur (Hoshiarpur)	M.Sc. (IT) 1st Year	Science	PG	40	2	8	0	10	1	3	0	4	0	3	0	3	0	0	0	0	1	2	0	3	0	0
	S.G.G.S. Khalsa College, Mahipur (Hoshiarpur)	M.Sc. (IT) 2nd Year	Science	PG	40	4	6	0	10	2	2	0	4	1	2	0	3	0	0	0	0	1	2	0	3	0	0
	S.G.G.S. Khalsa College, Mahipur (Hoshiarpur)	M.Sc. (FD) 1st Year	Science	PG	40	1	11	0	12	1	4	0	5	0	3	0	3	0	0	0	0	0	4	0	4	0	0
	S.G.G.S. Khalsa College, Mahipur (Hoshiarpur)	M.Sc. (FD) 2nd Year	Science	PG	40	1	3	0	4	0	3	0	3	0	0	0	0	0	0	0	0	1	0	0	1	0	0
	S.G.G.S. Khalsa College, Mahipur (Hoshiarpur)	M.Sc. (Instrumentation) 2nd Year	Science	PG	20	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0
	S.G.G.S. Khalsa College, Mahipur (Hoshiarpur)	M.Com. 1st Year	Commerce	PG	40	11	13	0	24	4	5	0	9	4	4	0	8	0	0	0	0	3	4	0	7	0	0
	S.G.G.S. Khalsa College, Mahipur (Hoshiarpur)	M.Com. 2nd Year	Commerce	PG	40	3	17	0	20	1	10	0	11	1	3	0	4	0	0	0	0	1	4	0	5	0	0
	S.G.G.S. Khalsa College, Mahipur (Hoshiarpur)	M.P.Ed. 1st Year	Education	PG	40+6	34	12	0	46	12	4	0	16	10	4	0	14	0	0	0	0	12	4	0	16	0	0
	S.G.G.S. Khalsa College, Mahipur (Hoshiarpur)	M.P.Ed. 2nd Year	Education	PG	40+8	25	23	0	48	20	15	0	35	0	4	0	4	0	0	0	0	5	4	0	9	0	0
	S.G.G.S. Khalsa College, Mahipur (Hoshiarpur)	P.G.D.C.A. 1st Year	Diploma	PG	40	10	4	0	14	4	2	0	6	3	0	0	3	0	0	0	0	3	2	0	5	0	0
69	DR.B.R. Ambedkar Govt. College Mukhlana Dist. Hoshiarpur	B.A. 1	Arts	UG	80	2	2	0	4	1	1	0	2	0	1	0	1	0	0	0	0	1	0	0	1	0	0
70	L.L.R.M. College of Education, Dhudike (Moga)	B.Ed.	Education	UG	100	28	73	0	100	13	46	0	0	10	18	0	28	0	0	0	0	9	5	0	13	1	0









Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	BCA- 2nd Year	UG	21	14	0	35	14	10	0	24	4	2	0	6	0	0	0	0	3	2	0	5	0	0	0	0
Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	BCA- 3rd Year	UG	0	19	0	19	0	10	0	10	0	6	0	6	0	0	0	0	0	3	0	3	0	0	0	0
Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	B.Com. - 1st Year	UG	22	40	0	62	14	25	0	39	0	7	0	7	0	0	0	0	8	8	0	16	0	0	0	0
Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	B.Com. - 2nd Year	UG	23	38	0	61	16	23	0	39	3	3	0	6	0	0	0	0	4	12	0	16	0	0	0	0
Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	B.Com. - 3rd Year	UG	0	39	0	39	0	30	0	30	0	4	0	4	0	0	0	0	0	5	0	5	0	0	0	0
Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	BBA - 1st Year	UG	21	10	0	31	18	7	0	25	3	0	0	3	0	0	0	0	0	3	0	3	0	0	0	0
Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	BBA - 2nd Year	UG	17	9	0	26	13	8	0	21	1	1	0	2	0	0	0	0	3	0	0	3	0	0	0	0
Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	BBA - 3rd Year	UG	6	8	0	14	6	6	0	12	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	B.Sc.(Bio-tech)-3rd Year	UG	0	3	0	3	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	B.Sc.-I (Med)-1st Year	UG	4	11	0	15	3	6	0	9	1	3	0	4	0	0	0	0	0	2	0	2	0	0	0	0
Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	B.Sc.-II (Med) -2nd Year	UG	5	15	0	20	4	13	0	17	0	1	0	1	0	0	0	0	1	1	0	2	0	0	0	0
Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	B.Sc.-III (Med)-3rd Year	UG	0	12	0	12	0	7	0	7	0	2	0	2	0	0	0	0	0	3	0	3	0	0	0	0
Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	B.Sc.-I (NM)-1st Year	UG	10	38	0	48	6	20	0	26	1	8	0	9	0	0	0	0	3	10	0	13	0	0	0	0
Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	B.Sc.-II (NM) -2nd Year	UG	10	38	0	48	5	25	0	30	2	2	0	4	0	0	0	0	3	11	0	14	0	0	0	0
Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	B.Sc.-III (NM)-3rd Year	UG	2	42	0	44	2	29	0	31	0	2	0	2	0	0	0	0	0	11	0	11	0	0	0	0
Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	B.Sc.(Fashion Desig) -1st Year	UG	0	16	0	16	0	11	0	11	0	2	0	2	0	0	0	0	0	3	0	3	0	0	0	0
Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	B.Sc.(Fashion Desig) - 2nd Year	UG	0	15	0	15	0	11	0	11	0	2	0	2	0	0	0	0	0	2	0	2	0	0	0	0
Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	B.Sc.(Fashion Desig) - 3rd Year	UG	0	23	0	23	0	19	0	19	0	2	0	2	0	0	0	0	0	2	0	2	0	0	0	0
Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	B.Voc-(FST)-1st Year	UG	7	6	0	13	5	6	0	11	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0
Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	B.Voc-(FST)-2nd Year	UG	0	3	0	3	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	B.Voc-(FST)-3rd Year	UG	0	4	0	4	0	3	0	3	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0

Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	B.Voc-(EDM)-1st Year	UG	14	11	0	25	12	11	0	23	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0
Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	B.Voc-(SD)-2nd Year	UG	4	0	0	4	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	B.Voc-(SD)-3rd Year	UG	0	5	0	5	0	4	0	4	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	B.Voc-(MLT)-1st Year	UG	4	6	0	10	2	6	0	8	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	B.Voc-(MLT)-2nd Year	UG	1	4	0	5	0	3	0	3	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0
Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	B.Voc-(RM)-	UG	0	2	0	2	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	MA- I (History)-1st Year	PG	7	6	0	13	7	3	0	10	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0
Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	MA- II (History)-2nd Year	PG	9	6	0	15	8	6	0	14	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	MA- I (Punjabi)-1st Year	PG	3	11	0	14	2	11	0	13	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0
Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	MA- I (Punjabi)-2nd Year	PG	4	4	0	8	4	4	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	MA- II (Hindi)-2nd Year	PG	1	2	0	3	1	0	0	1	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0
Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	MA- I (Sociology)-1st Year	PG	12	4	0	16	10	1	0	11	2	3	0	5	0	0	0	0	0	0	0	0	0	0	0	0
Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	MA- II (Sociology)-2nd Year	PG	4	6	0	10	4	3	0	7	1	0	0	1	0	0	0	0	0	2	0	2	0	0	0	0
Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	M.Sc.(Maths) -1st Year	PG	1	11	0	12	1	8	0	9	0	2	0	2	0	0	0	0	0	1	0	1	0	0	0	0
Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	M.Sc.(Maths) -2nd Year	PG	0	28	0	28	0	22	0	22	0	2	0	2	0	0	0	0	0	4	0	4	0	0	0	0
Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	M.Sc.(IT) - 1st Year	PG	1	9	0	10	1	6	0	7	0	2	0	2	0	0	0	0	0	1	0	1	0	0	0	0
Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	M.Sc.(IT) - 2nd Year	PG	2	5	0	7	0	3	0	3	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0
Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	M.Sc.(FD)- 1st Year	PG	0	10	0	10	0	10	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	M.Sc.(FD)- 2nd Year	PG	0	11	0	11	0	11	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	M.Com. - 1st Year	PG	3	15	0	18	2	12	0	14	0	0	0	0	0	0	0	0	1	3	0	4	0	0	0	0
Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	M.Com. - 2nd Year	PG	3	19	0	22	3	17	0	20	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0

	Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	M.Sc. (Phy.)- 1st Year	PG		2	8	0	10	2	4	0	6	0	0	0	0	0	0	0	0	4	0	4	0	0	0	0	
	Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	M.Sc. (Phy.)- 2nd Year	PG		4	11	0	15	1	7	0	8	1	3	0	4	0	0	0	0	2	1	0	3	0	0	0	
	Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	PGDFD- 1st Year	PG		0	10	0	10	0	8	0	8	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	
	Guru Nanak College Tibbi Sahib Road, Sri Muktsar Sahib	PGDCA- 1st Year	PG		4	6	0	10	4	5	0	9	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
83	NITTR, Chandigarh	ME Modular & Regular	Engineering & Technology	PG	312	117	20	Nil	42	11	Nil		22	2	Nil		14	1	Nil		38	5	Nil		01 EWS	01 EWS	Nil	
	NITTR, Chandigarh	ME Modular & Regular	Engineering & Technology	PG	86	74	11	Nil	39	6	Nil		8	Nil	Nil		5	3	Nil		22	2	Nil		Nil	Nil	Nil	
84	D.A.V College, Malout	B.A I	Arts	UG	No Limit	220	132	0	352	62	28	0	90	60	42	0	102	0	0	0	0	19	10	0	29	0	0	0
	D.A.V College, Malout	B.All	Arts	UG	No Limit	109	74	0	183	55	26	0	81	16	12	0	28	0	0	0	0	11	12	0	23	0	0	0
	D.A.V College, Malout	B.A III	Arts	UG	No Limit	79	54	0	133	39	22	0	61	10	12	0	22	0	0	0	0	10	4	0	14	0	0	0
	D.A.V College, Malout	BSC I	Science	UG	No Limit	19	57	0	76	9	13	0	22	4	14	0	18	0	0	0	0	1	8	0	9	0	0	0
	D.A.V College, Malout	BSCII	Science	UG	No Limit	14	33	0	47	6	9	0	15	2	8	0	10	0	0	0	0	2	4	0	6	0	0	0
	D.A.V College, Malout	BSC III	Science	UG	No Limit	8	42	0	50	2	16	0	18	1	11	0	12	0	0	0	0	2	2	0	4	0	0	0
	D.A.V College, Malout	BCOM I	Commerce	UG	70	6	4	0	10	6	0	0	6	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0
	D.A.V College, Malout	BCOM II	Commerce	UG	70	19	7	0	26	9	5	0	14	3	0	0	3	0	0	0	0	2	1	0	3	0	0	0
	D.A.V College, Malout	BCOM III	Commerce	UG	70	20	13	0	33	12	5	0	17	0	1	0	1	0	0	0	0	4	3	0	7	0	0	0
	D.A.V College, Malout	BCA III	Computer application	UG	40	24	7	0	31	12	3	0	15	5	1	0	6	0	0	0	0	1	1	0	2	0	0	0
	D.A.V College, Malout	PGDCA	Computer application	PG	60	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85	S.G.G.J.G. COLLEGE RAIKOT	BA-1	ARTS	UG	No Condition	0	35	0	35	0	17	0	17	0	14	0	14	0	0	0	0	0	4	0	4	0	0	0
	S.G.G.J.G. COLLEGE RAIKOT	BA-2	ARTS	UG	No Condition	0	35	0	35	0	16	0	16	0	10	0	10	0	0	0	0	0	9	0	9	0	0	0
	S.G.G.J.G. COLLEGE RAIKOT	BA-3	ARTS	UG	No Condition	0	27	0	27	0	13	0	13	0	9	0	9	0	0	0	0	0	5	0	5	0	0	0
	S.G.G.J.G. COLLEGE RAIKOT	B COM-1	COMMERCE	UG	60	0	15	0	15	0	8	0	8	0	6	0	6	0	0	0	0	0	1	0	1	0	0	0
	S.G.G.J.G. COLLEGE RAIKOT	B COM-2	COMMERCE	UG	60	0	17	0	17	0	6	0	6	0	10	0	10	0	0	0	0	0	1	0	1	0	0	0
	S.G.G.J.G. COLLEGE RAIKOT	B COM-3	COMMERCE	UG	60	0	11	0	11	0	3	0	3	0	4	0	4	0	0	0	0	0	4	0	4	0	0	0
	S.G.G.J.G. COLLEGE RAIKOT	BCA-1	COMPUTER APPLICATIONS	UG	40	0	9	0	9	0	4	0	4	0	3	0	3	0	0	0	0	0	2	0	2	0	0	0
	S.G.G.J.G. COLLEGE RAIKOT	BCA-2	COMPUTER APPLICATIONS	UG	40	0	10	0	10	0	4	0	4	0	5	0	5	0	0	0	0	0	1	0	1	0	0	0
	S.G.G.J.G. COLLEGE RAIKOT	BCA-3	COMPUTER APPLICATIONS	UG	40	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	S.G.G.J.G. COLLEGE RAIKOT	M COM-1	COMMERCE	PG	40	0	10	0	10	0	5	0	5	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0
	S.G.G.J.G. COLLEGE RAIKOT	M COM-2	COMMERCE	PG	40	0	7	0	7	0	5	0	5	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0
	S.G.G.J.G. COLLEGE RAIKOT	MA-1 POL	POLITICAL SCIENCE	PG	60	0	6	0	6	0	2	0	2	0	3	0	3	0	0	0	0	0	1	0	1	0	0	0
	S.G.G.J.G. COLLEGE RAIKOT	MA-2 POL	POLITICAL SCIENCE	PG	60	0	9	0	9	0	2	0	2	0	7	0	7	0	0	0	0	0	0	0	0	0	0	0
	S.G.G.J.G. COLLEGE RAIKOT	M SC IT-1	INFORMATION TECHNOLOGY	PG	20	0	2	0	2	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
	S.G.G.J.G. COLLEGE RAIKOT	M SC IT-2	INFORMATION TECHNOLOGY	PG	20	0	2	0	2	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
	S.G.G.J.G. COLLEGE RAIKOT	PGDCA	COMPUTER APPLICATIONS	PG	30	0	2	0	2	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	S.G.G.J.G. COLLEGE RAIKOT	MA PBI-1	PUNJABI	PG	60	0	2	0	2	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
	S.G.G.J.G. COLLEGE RAIKOT	MA PBI-2	PUNJABI	PG	60	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0



**TABLE -III**

Statistical information regarding total number of candidate appeared, pass, total men, women appeared, passed in December , 2021 Examination is as under :-

<u>CLASS</u>	<u>Cand App</u>	<u>Cand Pass</u>	<u>Men App</u>	<u>Men Pass</u>	<u>Wome n Pass</u>	<u>Wome n App</u>	<u>Division</u>
			2277				
B. A. 1 <sup>st</sup> Sem.	47945	43491	9	20661	22830	25166	
			1679				
B.A. 3 <sup>rd</sup> Sem.	36750	34450	3	15821	18629	19957	
			1430				
B.A. 5 <sup>th</sup> Sem.	33283	31964	0	13844	18120	18983	
B.A. B.Ed. (4 Year Int. Course) 1 <sup>st</sup> Sem.	260	252	34	30	222	226	
B.A. B.Ed. (4 Year Int. Course) 3 <sup>rd</sup> Sem.	234	225	36	31	194	198	
B.A. B.Ed. (4 Year Int. Course) 5 <sup>th</sup> Sem.	252	245	47	44	201	205	
B. Sc. (Agriculture) (4 Year Course) 1 <sup>st</sup> Sem.	160	137	118	96	41	42	
B. Sc. (Agriculture) (4 Year Course) 3 <sup>rd</sup> Sem.	46	44	23	21	23	23	
B. Sc. (Agriculture) (4 Year Course) 5 <sup>th</sup> Sem.	275	273	155	153	120	120	
B. Sc. (Agriculture) (4 Year Course) 7 <sup>th</sup> Sem.	389	389	215	215	174	174	
B.B.A. 1 <sup>st</sup> Sem.	1674	1649	819	806	843	855	
B.B.A. 3 <sup>rd</sup> Sem.	1372	1365	678	672	693	694	
B.B. A. 5 <sup>th</sup> Sem.	1291	1283	636	631	652	655	
B.C.A. 1 <sup>st</sup> Sem.	3205	3107	1562	1503	1604	1643	
B.C.A. 3 <sup>rd</sup> Sem.	2577	2514	1265	1221	1293	1312	
B.C.A. 5 <sup>th</sup> Sem.	2365	2348	1140	1130	1218	1225	
B.Com. 1 <sup>st</sup> Sem.	9601	9376	4131	4004	5372	5470	
B.Com. 3 <sup>rd</sup> Sem.	8825	8733	3806	3748	4985	5019	
B.Com. 5 <sup>th</sup> Sem.	8286	8252	3474	3454	4798	4812	
B.Ed. General (Two year Course) 1 <sup>st</sup> Sem.	6908	6761	1259	1207	5554	5649	
B.Ed. General (Two year Course) 3 <sup>rd</sup> Sem.	6269	6209	1222	1203	5006	5047	
B.Sc.(Fashion Designing ) 1 <sup>st</sup> Sem.	218	217	1	1	216	217	
B.Sc.(Fashion Designing ) 3 <sup>rd</sup> Sem.	204	198	2	2	196	202	
B.Sc.(Fashion Designing ) 5 <sup>th</sup> Sem.	246	246	0	0	246	246	
B.Sc.(Hons) (Bio-Informatics) 1 <sup>st</sup> Sem.	26	26	9	9	17	17	
B.Sc.(Hons) (Bio-Informatics) 3 <sup>rd</sup> Sem.	21	20	3	3	17	18	

<u>CLASS</u>	<u>Cand App</u>	<u>Cand Pass</u>	<u>Men App</u>	<u>Men Pass</u>	<u>Wome n Pass</u>	<u>Wome n App</u>	<u>Division</u>
B.Sc.(Hons) (Bio-Informatics) 5 <sup>th</sup> Sem.	19	19	3	3	16	16	
B.Sc.(Microbial and Food Technology) 1 <sup>st</sup> Sem.	49	47	0	0	47	49	
B.Sc.(Microbial and Food Technology) 3 <sup>rd</sup> Sem.	58	57	0	0	57	58	
B.Sc.(Microbial and Food Technology) 5 <sup>th</sup> Sem.	66	66	0	0	66	66	
B.P.Ed. (Two Year Course) 1 <sup>st</sup> Sem.	257	243	150	144	99	107	
B.P.Ed. (Two Year Course) 3 <sup>rd</sup> Sem.	288	287	174	173	114	114	
B.P.Ed. (4 Year Course) 1 <sup>st</sup> Sem.	53	49	35	32	17	18	
B.P.Ed. (4 Year Course) 3 <sup>rd</sup> Sem.	49	49	32	32	17	17	
B.P.Ed. (4 Year Course) 5 <sup>th</sup> Sem.	55	55	30	30	25	25	
B.P.Ed. (4 Year Course) 7 <sup>th</sup> Sem.	51	51	33	33	18	18	
B.Sc. B.Ed. (4 Year Integrated Course)1 <sup>st</sup> Sem.	56	53	7	6	47	49	
B.Sc. B.Ed. (4 Year Integrated Course) 3 <sup>rd</sup> Sem.	55	55	12	12	43	43	
B.Sc. B.Ed. (4 Year Integrated Course) 5 <sup>th</sup> Sem.	47	45	12	10	35	35	
B.Sc. 1 <sup>st</sup> Sem.	5016	4928	1605	1569	3359	3411	
B.Sc. 3 <sup>rd</sup> Sem.	4751	4678	1436	1404	3274	3315	
B.Sc. 5 <sup>th</sup> Sem.	4694	4668	1464	1452	3216	3230	
B.Sc.(Hons) (Bio-Technology) 1 <sup>st</sup> Sem.	234	227	39	36	191	195	
B.Sc.(Hons) (Bio-Technology) 3 <sup>rd</sup> Sem.	190	187	27	27	160	163	
B.Sc.(Hons) (Bio-Technology) 5 <sup>th</sup> Sem.	185	185	19	19	166	166	
B.A (Hons.) 3 <sup>rd</sup> Sem.	3166	3101	688	660	2441	2478	
B.A (Hons.) 5 <sup>th</sup> Sem.	2659	2633	537	531	2102	2122	
B.Com.(Hons.) 3 <sup>rd</sup> Sem.	2306	2292	762	755	1537	1544	
B.Com.(Hons.) 5 <sup>th</sup> Sem.	2241	2219	709	704	1515	1532	
B.Sc. (Hons.) 3 <sup>rd</sup> Sem.	117	115	27	26	89	90	
B.Sc. (Hons.) 5 <sup>th</sup> Sem.	86	85	9	9	76	77	
Prak-Shastri 1 <sup>st</sup> Sem.	25	25	25	25	0	0	
Prak-Shastri 3 <sup>rd</sup> Sem.	14	13	14	13	0	0	
Shastri 1 <sup>st</sup> Sem.	21	18	21	18	0	0	
Shastri 3 <sup>rd</sup> Sem.	15	12	15	12	0	0	
Shastri 5 <sup>th</sup> Sem.	9	8	9	8	0	0	
Bachelor of Laws 1 <sup>st</sup> Sem.	590	553	299	271	291	282	

<u>CLASS</u>	<u>Cand App</u>	<u>Cand Pass</u>	<u>Men App</u>	<u>Men Pass</u>	<u>Wome n Pass</u>	<u>Wome n App</u>	<u>Division</u>
Bachelor of Laws 3 <sup>rd</sup> Sem.	528	526	262	259	266	267	
Bachelor of Laws 5 <sup>th</sup> Sem.	531	514	284	273	247	241	
B.Com. LLB.(Hons) (5 Yr Int. Course) 1 <sup>st</sup> Sem.	220	214	106	101	114	113	
B.Com. LLB.(Hons) (5 Yr. Int. Course) 3 <sup>rd</sup> Sem.	221	213	91	85	130	128	
B.Com. LL.B.(Hons)5 Yr Int. Course 5 <sup>th</sup> Sem.	243	234	122	116	121	118	
B.Com. LL.B. (Hons) (5 Yr Int. Course) 7 <sup>th</sup> Sem.	153	150	78	76	75	74	
B.Com. LL.B. (Hons) (5 Yr Int. Course) 9 <sup>th</sup> Sem.	137	136	68	68	69	68	
B.A. LLB.(Hons) (5 Years Int. Course) 1 <sup>st</sup> Sem.	591	556	248	232	343	324	
B.A. LLB.(Hons) (5 Years Int. Course) 3 <sup>rd</sup> Sem.	552	525	211	190	341	335	
B.A. LLB.(Hons) (5 Year Int. Course) 5 <sup>th</sup> Sem.	540	516	227	216	313	300	
B.A. LLB.(Hons) (5 Year Int. Course) 7 <sup>th</sup> Sem.	392	387	173	169	219	218	
B.A. LLB.(Hons) (5 Year Int. Course) 9 <sup>th</sup> Sem.	382	382	185	185	197	197	
LLM One Year Course 1 <sup>st</sup> Sem.	51	30	27	17	24	13	
M.A. (Fine Arts) 1 <sup>st</sup> Sem.	59	59	4	4	55	55	
M.A. (Fine Arts) 3 <sup>rd</sup> Sem.	48	48	1	1	47	47	
M.B.A 1 <sup>st</sup> Sem.	70	62	46	40	24	22	
M.B.A. 3 <sup>rd</sup> Sem.	49	49	28	28	21	21	
M.B.A. CIT 1 <sup>st</sup> Sem.	21	19	0	0	21	19	
M.B.A. CIT 3 <sup>rd</sup> Sem.	10	10	0	0	10	10	
M.B.A. (H.R.) (Hons. School System) 1 <sup>st</sup> Sem.	28	27	14	13	14	14	
M.B.A. (H.R.) (Hons. School System) 3 <sup>rd</sup> Sem.	30	30	22	22	8	8	
M.B.A. (I. B.) (Hons. School System) 1 <sup>st</sup> Sem.	29	29	20	20	9	9	
M.B.A. (I.B.) (Hons. School System) 3 <sup>rd</sup> Sem.	32	30	24	23	8	7	
M.Sc. [Bio-Informatics] 1 <sup>st</sup> Sem.	22	21	8	8	14	13	
M.Sc. [Bio-Informatics] 3 <sup>rd</sup> Sem.	27	27	9	9	18	18	
M.Sc. (Botany) 1 <sup>st</sup> Sem.	77	77	7	7	70	70	

<u>CLASS</u>	<u>Cand App</u>	<u>Cand Pass</u>	<u>Men App</u>	<u>Men Pass</u>	<u>Wome n Pass</u>	<u>Wome n App</u>	<u>Division</u>
M.Sc. (Botany) 3 <sup>rd</sup> Sem.	96	96	3	3	93	93	
M.Sc. [Bio-Technology] 1 <sup>st</sup> Sem.	151	149	17	17	134	132	
M.Sc. [Bio-Technology] 3 <sup>rd</sup> Sem.	133	133	15	15	118	118	
MCA 1 <sup>st</sup> Sem.	127	126	55	54	72	72	
MCA 3 <sup>rd</sup> Sem.	125	124	53	52	72	72	
MCA 5 <sup>th</sup> Sem.	132	132	59	59	73	73	
M.Sc. (Chemistry) 1 <sup>st</sup> Sem.	525	524	118	118	407	406	
M.Sc. (Chemistry) 3 <sup>rd</sup> Sem.	556	556	97	97	459	459	
M.Com (Hons) (Hons School System) 1 <sup>st</sup> Sem.	25	23	4	4	21	19	
M.Com (Hons) (Hons School System) 3 <sup>rd</sup> Sem.	29	29	2	2	27	27	
M.Com. 1 <sup>st</sup> Sem.	1864	1840	433	424	1431	1416	
M.Com. 3 <sup>rd</sup> Sem.	2024	1988	411	404	1612	1583	
M.A. [Economics] 1 <sup>st</sup> Sem.	968	913	230	214	737	698	
M.A. [Economics] 3 <sup>rd</sup> Sem.	880	846	181	168	699	678	
M.Ed. (TYC) 1 <sup>st</sup> Sem.	251	243	32	31	219	212	
M.Ed. (General) Two Year 3 <sup>rd</sup> Sem.	284	284	46	46	238	238	
M.A. (English) 1 <sup>st</sup> Sem.	2110	1958	459	411	1651	1547	
M.A. (English) 3 <sup>rd</sup> Sem.	1584	1424	305	268	1278	1156	
M.Sc. (Environment Science) 1 <sup>st</sup> Sem.	21	21	3	3	18	18	
M.Sc. (Environment Science) 3 <sup>rd</sup> Sem.	23	23	5	5	18	18	
M.B.A. (Executive) 1 <sup>st</sup> Sem.	260	256	169	164	91	91	
M.B.A. (Executive) 3 <sup>rd</sup> Sem.	298	285	175	167	123	118	
M.A. (Gandhian and Peace Studies) 1 <sup>st</sup> Sem.	37	35	28	27	9	8	
M.A. (Gandhian and Peace Studies) 3 <sup>rd</sup> Sem.	24	23	16	16	8	7	
M.A. (Geography) 1 <sup>st</sup> Sem.	72	72	17	17	55	55	
M.A. (Geography) 3 <sup>rd</sup> Sem.	67	67	19	19	48	48	
M.A.(Hindi) 1 <sup>st</sup> Sem.	724	689	92	91	632	598	
M.A. (Hindi) 3 <sup>rd</sup> Sem.	582	536	60	55	522	481	
M.A. (History) 1 <sup>st</sup> Sem.	1470	1361	408	386	1054	975	
M.A. (History) 3 <sup>rd</sup> Sem.	1228	1157	367	351	861	806	
M.A. (Human Rights & Duties) 1 <sup>st</sup> Sem.	43	43	30	30	11	11	
M.A. (Human Rights & Duties) 3 <sup>rd</sup> Sem.	33	31	18	16	15	15	

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M.Sc.(Mathematics) 1 <sup>st</sup> Sem.	662	650	101	98	559	550	
M.Sc. (Mathematics) 3 <sup>rd</sup> Sem.	660	656	101	101	559	555	
M.Sc. (Microbial Biotechnology) 1 <sup>st</sup> Sem.	13	13	1	1	12	12	
M.Sc. (Microbial Biotechnology) 3 <sup>rd</sup> Sem.	21	21	2	2	19	19	
Master of Journalism & Mass Comm. 1 <sup>st</sup> Sem.	35	35	14	14	21	21	
Master of Journalism & Mass Comm.3 <sup>rd</sup> Sem.	34	35	13	13	21	22	
M.A. (Music Instrumental) 1 <sup>st</sup> Sem.	22	20	12	11	10	9	
M.A. (Music Instrumental) 3 <sup>rd</sup> Sem.	19	19	6	6	13	13	
M.A.(Music Vocal) 1 <sup>st</sup> Sem.	90	77	28	21	62	56	
M.A. (Music Vocal) 3 <sup>rd</sup> Sem.	59	51	23	17	36	34	
M. A. [Police Administration] 1 <sup>st</sup> Sem.	25	25	21	21	4	4	
M.A. [Police Administration] 3 <sup>rd</sup> Sem.	38	37	21	20	17	17	
M.A.[Punjabi] 1 <sup>st</sup> Sem.	1559	1441	413	392	1146	1049	
M.A. [Punjabi] 3 <sup>rd</sup> Sem.	1267	1188	314	295	953	893	
Master of Physical Education 1 <sup>st</sup> Sem.	232	216	142	130	90	86	
Master of Physical Education 3 <sup>rd</sup> Sem.	242	240	138	137	104	103	
M.A. (Philosophy) 1 <sup>st</sup> Sem.	28	27	17	17	11	10	
M.A. (Philosophy) 3 <sup>rd</sup> Sem.	26	23	13	11	13	12	
M.Sc. (Physics) 1 <sup>st</sup> Sem.	310	306	72	69	238	237	
M.Sc. (Physics) 3 <sup>rd</sup> Sem.	387	384	70	70	317	314	
M.A. (Political Science) 1 <sup>st</sup> Sem.	1436	1353	427	388	1009	965	
M.A. (Political Science) 3 <sup>rd</sup> Sem.	1072	1024	307	296	765	728	
M.A. (Psychology) 1st	205	196	20	17	180	179	
M.A.[Psychology] 3rd	200	198	12	10	188	188	
M.A. [Public Administration] 1st	362	342	152	137	210	205	
M.A. (Public Administration) 3rd	273	259	114	110	159	149	
M.Sc. (Information Technology) 1st	295	295	93	93	202	202	
M.Sc. (Information Technology ) 3rd	274	274	70	70	204	204	
M.A. (Sanskrit) 1 <sup>st</sup> Sem.	32	29	19	19	13	10	
M.A. (Sanskrit) 3rd	40	40	25	25	15	15	
M.A. (Sociology) 1 <sup>st</sup> Sem.	1798	1727	428	408	1370	1319	
M.A.(Sociology) 3rd	1215	1154	292	282	923	872	
Master of Social Work 1st	22	17	8	5	14	12	
Master of Social Work 3rd	32	31	13	13	19	18	

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M.Sc. (Zoology) 1 <sup>st</sup> Sem.	162	161	27	26	135	135	
M.Sc. (Zoology) 3 <sup>rd</sup> Sem.	181	181	11	11	170	170	
P. G. Diploma in Computer Applications 1st	847	839	389	383	458	456	
P. G. Diploma in Guidance & Counselling 1st	79	75	8	6	71	69	
P. G. Diploma in Marketing Management First	97	92	52	49	45	43	
BHMCT 1 <sup>ST</sup> Sem.	60	51	49	40	11	11	
BHMCT 3 <sup>rd</sup> Sem.	55	47	40	40	07	07	
BHMCT 5 <sup>th</sup> Sem.	61	49	47	36	14	13	
BHMCT 7 <sup>th</sup> Sem.	55	41	36	27	19	14	
BTTM 1 <sup>ST</sup> Sem.	28	27	17	16	11	11	
BTTM 3 <sup>RD</sup> Sem.	28	27	15	15	13	12	
BTTM 5 <sup>TH</sup> Sem.	30	25	19	16	11	09	
BTTM 7 <sup>TH</sup> Sem.	31	29	21	20	10	09	
MHMCT 1 <sup>st</sup> Sem.	18	17	11	10	07	07	
MHMCT 3 <sup>rd</sup> Sem.	17	15	14	12	03	03	
MTTM 1 <sup>ST</sup> Sem.	25	22	12	11	13	11	
MTTM 3 <sup>RD</sup> Sem.	28	22	17	13	11	09	
M.Com. Accounting & Finance 1 <sup>st</sup> Sem.	24	20	14	10	10	10	
M.Com. Accounting & Finance 3 <sup>rd</sup> Sem.	20	19	12	11	08	08	
M.Com. Business Innovations 1 <sup>st</sup> Sem.	46	45	13	13	33	32	
M.Com. Business Innovations 3 <sup>rd</sup> Sem.	37	36	13	12	24	24	
M.Com. (E&FB) 1 <sup>st</sup> Sem.	36	29	16	13	20	16	
M.Com. (E&FB) 3 <sup>rd</sup> Sem.	33	27	18	14	15	13	
MBA Retail Management 1 <sup>st</sup> Sem.	49	37	33	26	16	11	
MBA Retail Management 3 <sup>rd</sup> Sem.	60	37	39	21	21	16	
MBA Banking & Insurance 1 <sup>st</sup> Sem.	49	34	29	22	20	12	
MBA Banking & Insurance 3 <sup>rd</sup> Sem.	73	40	33	12	40	28	
MBA IT & Telecommunication 1 <sup>st</sup> Sem.	25	22	19	17	06	05	
MBA IT & Telecommunication 3 <sup>rd</sup> Sem.	24	21	15	12	09	09	
MBA Infrastructural Management 1 <sup>st</sup> Sem.	06	03	03	01	03	02	
MBA Infrastructural Management 3 <sup>rd</sup> Sem.	07	06	06	05	01	01	
MBA Pharmaceutical Management 1 <sup>st</sup> Sem.	12	07	07	04	05	03	
MBA Pharmaceutical Management 3 <sup>rd</sup> Sem.	14	11	10	08	04	03	
MBA Hospital Management 1 <sup>st</sup> Sem.	12	12	02	02	10	10	

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MBA Hospital Management 3 <sup>rd</sup> Sem.	11	05	01	-	10	05	
MBA Capital Markets 1 <sup>st</sup> Sem.	26	17	17	11	09	06	
MBA Capital Markets 3 <sup>rd</sup> Sem.	25	17	15	09	10	08	
MBA for Executive 1 <sup>st</sup> Sem.	13	12	09	09	04	03	
MBA for Executive 3 <sup>rd</sup> Sem.	13	12	10	09	03	03	
MBA Entrepreneurship 1 <sup>st</sup> Sem.	06	03	04	02	02	01	
MBA Entrepreneurship 3 <sup>rd</sup> Sem.	15	14	11	10	04	04	
M.A. A.I.H.C.& A. 1 <sup>st</sup> Sem.	44	43	22	21	22	22	
M.A. A.I.H.C.& A. 3 <sup>rd</sup> Sem.	-	-	-	-	-	-	
M.A. Women Studies 1 <sup>st</sup> Sem.	30	29	16	15	14	14	
M.A. Women Studies 3 <sup>rd</sup> Sem.	21	20	11	10	10	10	
M.A. Governance & Leadership 1 <sup>st</sup> Sem.	10	06	06	03	04	03	
M.A. Governance & Leadership 3 <sup>rd</sup> Sem.	08	08	05	05	03	03	
Masters in Geoinformatics 1 <sup>st</sup> Sem.	22	22	10	10	12	12	
Masters in Geoinformatics 3 <sup>rd</sup> Sem.	22	22	10	10	12	12	
M.A. Tabla 1 <sup>st</sup> Sem.	10	09	10	09	-	-	
M.A. Tabla 3 <sup>rd</sup> Sem.	05	04	05	04	-	-	
M.A. Disaster Management 1 <sup>st</sup> Sem.	18	16	08	06	10	10	
M.A. Disaster Management 3 <sup>rd</sup> Sem.	20	19	17	16	03	03	
M.Sc. Statistics 1 <sup>st</sup> Sem.	40	36	12	12	28	24	
M.Sc. Statistics 3 <sup>rd</sup> Sem.	40	40	08	08	32	32	
M.A. Indian Classical Dance 1 <sup>st</sup> Sem.	10	10	-	-	10	10	
M.A. Indian Classical Dance 3 <sup>rd</sup> Sem.	09	09	-	-	09	09	
BHMS 1 <sup>st</sup> Prof.	04	03	02	01	02	02	
BHMS 2 <sup>nd</sup> Prof.	21	05	07	-	14	05	
BHMS 3 <sup>rd</sup> Prof.	07	06	04	04	03	02	
BHMS 4 <sup>th</sup> Prof.	01	01	01	01	-	-	
MBBS 1 <sup>st</sup> Prof.	157	126	80	68	77	58	
MBBS 2 <sup>nd</sup> Prof.	145	129	67	60	78	69	
MBBS final Part-I	100	87	52	50	48	37	
MDS	04	04	02	02	02	02	
B.Sc. Nursing 1 <sup>st</sup> Year	39	38	30	30	09	08	
B.Sc. Nursing 2 <sup>nd</sup> Year	36	34	21	20	15	14	
B.Sc. Nursing 3 <sup>rd</sup> Year	36	35	22	22	14	13	
B.Sc. Nursing Annual System 4 <sup>th</sup> Year	31	31	25	25	06	06	

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B.Sc. MLT 1 <sup>st</sup> Year	12	12	10	10	02	02	
B.Sc. MLT 2 <sup>nd</sup> Year	14	10	13	09	01	01	
B.Sc. MLT 3 <sup>rd</sup> Year	07	07	04	04	03	03	
Bachelor of Optometry Part – I	03	02	02	02	01	-	
Bachelor of Optometry Part – II	05	04	04	04	01	-	
Bachelor of Optometry Part – III	03	03	03	03	-	-	
B.Sc. Medical Technology X-Ray Part – I	12	12	11	11	01	01	
B.Sc. Medical Technology X-Ray Part – II	10	10	08	08	02	02	
B.Sc. Medical Technology X-Ray Part – III	13	11	10	09	03	02	
B.Sc. Medical Tech. Anesthesia & Operation Theatre Techniques Part - I	16	15	11	10	05	05	
B.Sc. Medical Tech. Anesthesia & Operation Theatre Techniques Part – II	10	10	08	08	02	02	
B.Sc. Medical Tech. Anesthesia & Operation Theatre Techniques Part – III	15	15	15	15	-	-	
B.E. (ECE) 1 <sup>st</sup> Sem.	214	183	169	139	45	44	
B.E. (ECE) 3 <sup>rd</sup> Sem.	241	201	171	137	70	64	
B.E. (ECE) 5 <sup>th</sup> Sem.	258	217	193	159	65	58	
B.E. (ECE) 7 <sup>th</sup> Sem.	206	177	148	121	58	56	
M.E. (ECE) 1 <sup>st</sup> Sem.	20	19	14	13	06	06	
M.E. (ECE) 3 <sup>rd</sup> Sem.	20	18	04	04	12	10	
M. Tech. Nano Sci. & Nano Tech. 1 <sup>st</sup> Sem.	05	03	-	-	05	03	
M. Tech. Nano Sci. & Nano Tech. 3 <sup>rd</sup> Sem.	10	10	06	06	04	04	
M. Tech. Material Science 1 <sup>st</sup> Sem.	03	01	02	01	01	-	
M. Tech. Material Science 3 <sup>rd</sup> Sem.	02	01	01	01	-	-	
B.Sc. (H.S.) Geology 1 <sup>st</sup> Sem.	33	27	12	07	21	20	
B.Sc. (H.S.) Geology 3 <sup>rd</sup> Sem.	10	07	04	01	06	06	
B.Sc. (H.S.) Geology 5 <sup>th</sup> Sem.	35	34	16	16	19	18	
M.Sc. (H.S.) Geology 3 <sup>rd</sup> Sem.	25	24	12	11	13	13	
B.A. (H.S.) Economics 1 <sup>st</sup> Sem.	33	32	10	10	23	22	
B.A. (H.S.) Economics 3 <sup>rd</sup> Sem.	29	29	09	09	20	20	
B.A. (H.S.) Economics 5 <sup>th</sup> Sem.	32	31	10	09	22	22	
B.Sc. (H.S.) Biophysics 1 <sup>st</sup> Sem.	18	15	03	02	15	13	
B.Sc. (H.S.) Biophysics 3 <sup>rd</sup> Sem.	12	09	03	01	09	08	
B.Sc. (H.S.) Biophysics 5 <sup>th</sup> Sem.	23	22	08	07	15	14	
M.Sc. (H.S.) Biophysics 1 <sup>st</sup> Sem.	21	16	08	04	13	12	



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M.Sc. (H.S.) Biophysics 3 <sup>rd</sup> Sem.	10	09	02	02	08	07	
B.Sc. (H.S.) Botany 1 <sup>st</sup> Sem.	19	18	03	02	16	16	
B.Sc. (H.S.) Botany 3 <sup>rd</sup> Sem.	13	12	06	05	07	07	
B.Sc. (H.S.) Botany 5 <sup>th</sup> Sem.	23	23	06	06	17	17	
M.Sc. (H.S.) Botany 1 <sup>st</sup> Sem.	52	42	07	07	35	35	
M.Sc. (H.S.) Botany 3 <sup>rd</sup> Sem.	47	47	06	06	41	41	
B.Sc. (H.S.) Biochemistry 1 <sup>st</sup> Sem.	27	18	07	05	20	13	
B.Sc. (H.S.) Biochemistry 3 <sup>rd</sup> Sem.	16	16	02	02	14	14	
B.Sc. (H.S.) Biochemistry 5 <sup>th</sup> Sem.	26	23	08	06	18	17	
M.Sc. (H.S.) Biochemistry 1 <sup>st</sup> Sem.	26	22	07	05	19	17	
M.Sc. (H.S.) Biochemistry 3 <sup>rd</sup> Sem.	21	20	02	02	19	18	
M.Sc. System Biology & Bioinformatics 1 <sup>st</sup> Sem.	12	12	01	01	11	11	
M.Sc. System Biology & Bioinformatics 3 <sup>rd</sup> Sem.	13	13	01	01	12	12	
M.Sc. Forensic Science & Criminology 1 <sup>st</sup> Sem.	22	22	05	05	17	17	
M.Sc. Forensic Science & Criminology 3 <sup>rd</sup> Sem.	25	25	08	08	17	17	
B.Ed. Spl. Edu. (Learning Disability) 1 <sup>st</sup> Sem.	29	29	05	05	24	24	
B.Ed. Spl. Edu. (Learning Disability) 3 <sup>rd</sup> Sem.	36	34	04	02	32	32	
B.Sc. (Hons.) Zoology 1 <sup>st</sup> Sem.	26	18	06	02	20	16	
B.Sc. (Hons.) Zoology 3 <sup>rd</sup> Sem.	16	15	02	02	14	13	
B.Sc. (Hons.) Zoology 5 <sup>th</sup> Sem.	29	29	08	08	21	21	
M.Sc. (Hons.) Zoology 1 <sup>st</sup> Sem.	42	42	05	05	37	37	
M.Sc. (Hons.) Zoology 3 <sup>rd</sup> Sem.	36	36	03	03	33	33	
B.Sc. (Hons.) Microbiology 1 <sup>st</sup> Sem.	36	25	25	15	13	10	
B.Sc. (Hons.) Microbiology 3 <sup>rd</sup> Sem.	23	21	02	02	21	19	
B.Sc. (Hons.) Microbiology 5 <sup>th</sup> Sem.	31	31	07	07	24	24	
M.Sc. (Hons.) Microbiology 1 <sup>st</sup> Sem.	26	26	06	06	20	20	
M.Sc. (Hons.) Microbiology 3 <sup>rd</sup> Sem.	28	28	02	02	26	26	
B.Sc. (Hons.) Mathematics 1 <sup>st</sup> Sem.	38	36	14	13	24	23	
B.Sc. (Hons.) Mathematics 3 <sup>rd</sup> Sem.	33	32	11	11	22	21	
B.Sc. (Hons.) Mathematics 5 <sup>th</sup> Sem.	41	41	24	24	17	17	
M.Sc. (Hons.) Mathematics 1 <sup>st</sup> Sem.	58	55	13	11	45	44	

<u>CLASS</u>	<u>Cand App</u>	<u>Cand Pass</u>	<u>Men App</u>	<u>Men Pass</u>	<u>Wome n Pass</u>	<u>Wome n App</u>	<u>Division</u>
M.Sc. (Hons.) Mathematics 3 <sup>rd</sup> Sem.	57	57	15	15	42	42	
B.Sc. (Hons.) Maths & Computing 1 <sup>st</sup> Sem.	20	19	11	10	09	09	
B.Sc. (Hons.) Maths & Computing 3 <sup>rd</sup> Sem.	14	14	03	03	11	11	
M.A. (TYC) Public Health 1 <sup>st</sup> Sem.	25	25	07	07	18	18	
M.A. (TYC) Public Health 3 <sup>rd</sup> Sem.	29	29	07	07	22	22	
M.Sc. (TYC) Fashion & Life Style Tech. 1 <sup>st</sup> Sem.	12	11	02	02	10	09	
M.Sc. (TYC) Fashion & Life Style Tech. 3 <sup>rd</sup> Sem.	20	20	-	-	20	20	
M.Sc. (TYC) Human Geonomics 1 <sup>st</sup> Sem.	19	18	03	03	16	15	
M.Sc. (TYC) Human Geonomics 3 <sup>rd</sup> Sem.	17	15	-	-	17	15	
M.Sc. (TYC) Nuclear Medicine 1 <sup>st</sup> Sem.	10	10	-	-	10	10	
M.Sc. (TYC) Nuclear Medicine 3 <sup>rd</sup> Sem.	08	08	02	02	06	06	
B.Sc. Fashion & Life Style Tech. 1 <sup>st</sup> Sem.	44	40	04	03	40	37	
B.Sc. Fashion & Life Style Tech. 3 <sup>rd</sup> Sem.	35	35	02	02	33	33	
B.Sc. Fashion & Life Style Tech. 5 <sup>th</sup> Sem.	38	38	03	03	35	35	
B.Sc. (Hons.) Physics 1 <sup>st</sup> Sem.	50	36	24	19	26	17	
B.Sc. (Hons.) Physics 3 <sup>rd</sup> Sem.	29	28	15	14	14	14	
B.Sc. (Hons.) Physics 5 <sup>th</sup> Sem.	43	43	18	18	25	25	
M.Sc. (Hons.) Physics 1 <sup>st</sup> Sem.	80	73	36	33	44	40	
M.Sc. (Hons.) Physics 3 <sup>rd</sup> Sem.	72	71	24	23	48	48	
B.Sc. (Hons.) Physics (Spl. In Elec.) 1 <sup>st</sup> Sem.	17	16	09	08	08	08	
B.Sc. (Hons.) Physics (Spl. In Elec.) 3 <sup>rd</sup> Sem.	10	10	06	06	04	04	
B.Sc. (Hons.) Physics (Spl. In Elec.) 5 <sup>th</sup> Sem.	24	24	10	10	14	14	
M.Sc. (Hons.) Physics (Spl. In Elec.) 1 <sup>st</sup> Sem.	26	25	12	11	14	14	
M.Sc. (Hons.) Physics (Spl. In Elec.) 3 <sup>rd</sup> Sem.	31	31	09	09	22	22	
B.Sc. (Hons.) Bio-Tech. 1 <sup>st</sup> Sem.	20	16	04	03	12	07	
B.Sc. (Hons.) Bio- Tech. 3 <sup>rd</sup> Sem.	15	15	03	03	12	12	
B.Sc. (Hons.) Bio-Tech. 5 <sup>th</sup> Sem.	21	20	07	06	14	14	
M.Sc. (Hons.) Bio-Tech. 1 <sup>st</sup> Sem.	23	23	08	08	15	15	
M.Sc. (Hons.) Bio-Tech. 3 <sup>rd</sup> Sem.	21	21	04	04	17	17	
M.Sc. Microbial Tech. 1 <sup>st</sup> Sem.	19	19	02	02	17	17	

<u>CLASS</u>	<u>Cand App</u>	<u>Cand Pass</u>	<u>Men App</u>	<u>Men Pass</u>	<u>Wome n Pass</u>	<u>Wome n App</u>	<u>Division</u>
M.Sc. Microbial Tech. 3 <sup>rd</sup> Sem.	25	25	04	04	21	21	
M.Sc. Medical Physics 1 <sup>st</sup> Sem.	11	11	03	03	08	08	
M.Sc. Medical Physics 3 <sup>rd</sup> Sem.	11	11	03	03	08	08	
B.Sc. (Hons.) Chemistry 1 <sup>st</sup> Sem.	45	45	09	09	36	36	
B.Sc. (Hons.) Chemistry 3 <sup>rd</sup> Sem.	44	42	16	15	28	27	
B.Sc. (Hons.) Chemistry 5 <sup>th</sup> Sem.	61	60	16	16	45	44	
M.Sc. (Hons.) Chemistry 1 <sup>st</sup> Sem.	55	55	09	09	46	46	
M.Sc. (Hons.) Chemistry 3 <sup>rd</sup> Sem.	60	58	17	17	43	41	
B.Sc. (Hons.) Anthropology 1 <sup>st</sup> Sem.	24	20	08	06	16	14	
B.Sc. (Hons.) Anthropology 3 <sup>rd</sup> Sem.	09	09	03	03	06	06	
B.Sc. (Hons.) Anthropology 5 <sup>th</sup> Sem.	27	27	08	08	19	19	
M.Sc. (Hons.) Anthropology 1 <sup>st</sup> Sem.	24	24	04	04	20	20	
M.Sc. (Hons.) Anthropology 3 <sup>rd</sup> Sem.	41	40	12	11	29	29	
M.Sc. (Hons.) Computer Science 1 <sup>st</sup> Sem.	12	10	07	06	05	04	
M.Sc. (Hons.) Computer Science 3 <sup>rd</sup> Sem.	12	12	05	05	07	07	
B.Ed. (Yoga) 1 <sup>st</sup> Sem.	24	24	06	06	18	18	
B.Ed. (Yoga) 3 <sup>rd</sup> Sem.	21	21	05	05	16	16	

**TABLE IV**

Statistical Information regarding total number of candidate appeared, passed, total men, women appeared, passed in May, 2022 Examination

<b>Class</b>	<b>Total Candidate Appeared</b>	<b>Total Candidate Passed</b>	<b>Men Appeared</b>	<b>Men Passed</b>	<b>Women App</b>	<b>Women Passed</b>	<b>Division</b>
Advance Diploma Add-on Course	427	370	56	39	371	331	
Bachelor of Arts 2 <sup>nd</sup> Sem.	37897	19885	17010	7285	20882	12598	
Bachelor of Arts 4th	32519	20972	14594	8287	17924	12685	
Bachelor of Arts 6th	32171	22997	13652	9227	18516	13770	
B.A. B.Ed. (4 Year Integrated Course) 2nd	246	215	33	27	213	188	
B.A. B.Ed. (4 Year Integrated Course) 4th	229	219	33	28	196	191	
B.A. B.Ed. (4 Year Integrated Course) 6th	245	218	45	39	200	179	
Bachelor of Science (Agriculture) (4 Year Course) 2nd	108	70	75	47	33	23	
Bachelor of Science (Agriculture) (4 Year Course) 4th	38	32	16	12	22	20	
Bachelor of Science (Agriculture) (4 Year Course) 6th	266	251	148	136	118	115	
Bachelor of Science (Agriculture) (4 Year Course) 8th	391	384	217	211	174	173	
Bachelor of Business Administration 2nd	1466	874	695	340	770	534	
Bachelor of Business Administration 4th	1302	898	642	384	660	514	
Bachelor of Business Administration 6th	1269	1170	618	545	651	625	
Bachelor of Computer Applications 2nd	2808	1683	1348	727	1460	956	
Bachelor of Computer Applications 4th	2427	2060	1174	950	1253	1110	
Bachelor of Computer Applications 6th	2317	1964	1114	915	1203	1049	
Bachelor of Commerce 2nd	8658	5732	3612	2145	5045	3587	
Bachelor of Commerce 4th	8276	6803	3504	2678	4772	4125	
Bachelor of Commerce 6th	8203	7063	3422	2784	4781	4279	

<b>Class</b>	<b>Total Candidate Appeared</b>	<b>Total Candidate Passed</b>	<b>Men Appeared</b>	<b>Men Passed</b>	<b>Women App</b>	<b>Women Passed</b>	<b>Division</b>
B.Ed. General (Two year Course) 2nd	6674	6393	1197	1103	5477	5290	
B.Ed. General (Two year Course) 4th	6124	5983	1177	1117	4947	4866	
B.Sc. (Fashion Designing) 2nd	182	138	1	1	181	137	
B.Sc. (Fashion Designing) 4th	192	157	2	0	190	157	
B.Sc. (Fashion Designing ) 6th	243	215	0	0	243	215	
B.Sc. (Hons) (Bio-Informatics) 2nd	25	14	9	5	16	9	
B.Sc. (Hons) (Bio-Informatics) 4th	19	16	3	2	16	14	
B.Sc. (Hons)(Bio-Informatics) 6th	21	19	3	3	18	16	
B.Sc. (Microbial and Food Technology) 2nd	46	38	0	0	46	38	
B.Sc. (Microbial and Food Technology) 4th	58	45	0	0	58	45	
B.Sc. (Microbial and Food Technology) 6th	65	62	0	0	65	62	
Bachelor of Physical Education (Two Year Course) 2nd	246	224	146	132	100	92	
Bachelor of Physical Education (Two Year Course) 4th	285	248	171	143	114	105	
Bachelor of Physical Education (4 Year Course) Second	50	37	33	23	17	14	
Bachelor of Physical Education (4 Year Course) 4th	47	43	31	28	16	15	
Bachelor of Physical Education (4 Year Course) 6th	55	36	30	20	25	16	
Bachelor of Physical Education (4 Year Course) 8th	49	49	32	32	17	17	
B.Sc. B.Ed. (4 Year Integrated Course) 2nd	54	48	7	6	47	42	
B.Sc. B.Ed. (4 Year Integrated Course) 4th	54	53	13	12	41	41	
B.Sc. B.Ed. (4 Year Integrated Course) 6th	43	37	9	8	34	29	
Bachelor of Science 2nd	4116	2476	1239	606	2877	1870	
Bachelor of Science 4th	4397	3453	1290	895	3107	2558	
Bachelor of Science 6th	4583	3452	1416	925	3167	2527	
B.Sc. (Hons) (Bio-Technology) 2nd	197	154	33	20	164	134	

<b>Class</b>	<b>Total Candidate Appeared</b>	<b>Total Candidate Passed</b>	<b>Men Appeared</b>	<b>Men Passed</b>	<b>Women App</b>	<b>Women Passed</b>	<b>Division</b>
B.Sc. (Hons) (Bio-Technology) 4th	182	144	25	18	157	126	
B.Sc. (Hons)(Bio-Technology) 6th	183	166	18	15	165	151	
Diploma Add-on Course	680	502	100	59	580	443	
B.A (Hons.) 4th	2936	2628	624	525	2312	2103	
B.A (Hons.) 6th	2625	2631	525	529	2100	2102	
B.Com.(Hons.) 4th	2216	2001	711	636	1505	1365	
B.Com. (Hons.) 6th	2246	2226	715	703	1531	1523	
B.Sc. (Hons.) 4th	107	92	22	17	85	75	
B.Sc. (Hons.) 6th	86	86	9	9	77	77	
Prak-Shastri 2nd	22	2	22	2	0	0	
Prak-Shastri 4th	13	9	13	9	0	0	
Shastri 2nd	19	4	19	4	0	0	
Shastri 4th	11	5	11	5	0	0	
Shastri 6th	8	1	8	1	0	0	
Bachelor of Laws 2nd	530	439	264	203	236	266	
Bachelor of Laws 4th	523	339	258	136	203	265	
Bachelor of Laws 6th	526	442	279	217	225	247	
B.Com. LL. B. (Hons) (5 Year Integrated Course) 2nd	205	127	90	43	84	115	
B.Com. LL. B. (Hons) 5 Year Integrated Course 4th	220	171	92	52	119	128	
B.Com. LL. B. (Hons) 5 Year Integrated Course 6th	236	206	117	93	112	119	
B.Com. LL. B. (Hons) (5 Year Integrated Course) 8th	151	147	77	75	72	74	
B.Com. LL. B. (Hons) (5 Year Int. Course) 10th	137	133	68	65	68	69	
B.A. LLB.(Hons) (5 Year Integrated Course) 2nd	515	405	200	147	258	315	
B.A. LLB.(Hons) (5 Year Integrated Course) 4th	501	307	182	95	212	319	

<b>Class</b>	<b>Total Candidate Appeared</b>	<b>Total Candidate Passed</b>	<b>Men Appeared</b>	<b>Men Passed</b>	<b>Women App</b>	<b>Women Passed</b>	<b>Division</b>
B.A. LLB.(Hons) (5 Year Integrated Course) 6th	516	359	216	124	235	299	
B.A. LLB.(Hons) (5 Year Integrated Course) 8th	383	347	167	149	198	216	
B.A. LLB.(Hons) (5 Year Integrated Course) 10th	382	381	185	184	197	197	
Master of Arts (Fine Arts) 2nd	57	57	2	2	55	55	
Master of Arts (Fine Arts) 4th	48	43	1	1	42	47	
Master of Business Administration 2nd	62	47	39	28	19	23	
Master of Business Administration 4th	48	43	24	20	23	24	
Master in Business Administration CIT 2nd	17	16	1	1	15	16	
Master in Business Administration CIT 4th	10	10	0	0	10	10	
M.B A. (H. R) (Hons. School System) 2nd	27	27	13	13	14	14	
M. B. A. (H R) (Hons. School System) 4th	30	30	22	22	8	8	
M. B.A. (I. B) (Hons. School System) 2nd	26	24	18	16	8	8	
M.B.A. (I. B.) (Hons. School System) 4th	32	32	24	24	8	8	
Master of Science [Bio-Informatics] 2nd	20	16	8	7	9	12	
Master of Science [Bio-Informatics] 4th	28	28	9	9	19	19	
M.Sc. (Botany) 2nd	71	65	5	4	61	66	
M.Sc. (Botany) 4th	94	91	3	3	88	91	
Master of Science [Bio-Technology] 2nd	144	113	16	9	104	128	
M.Sc. (Bio-Technology) 4th	133	133	15	15	118	118	
Master of Computer Applications ( MCA ) 2nd	121	86	51	32	54	70	
Master of Computer Applications ( MCA ) 4th	119	97	49	38	59	70	
Master of Computer Applications ( MCA ) 6th	132	132	59	59	73	73	
M.Sc. (Chemistry) 2nd	509	395	113	76	319	396	
M.Sc. (Chemistry) 4th	555	499	97	83	416	458	

<b>Class</b>	<b>Total Candidate Appeared</b>	<b>Total Candidate Passed</b>	<b>Men Appeared</b>	<b>Men Passed</b>	<b>Women App</b>	<b>Women Passed</b>	<b>Division</b>
M.Com (Honours) (Hons School System) 2nd	24	22	4	4	18	20	
M.Com (Honours) (Hons School System) 4th	29	28	2	2	26	27	
Master of Commerce 2nd	1752	1452	381	268	1184	1371	
Master of Commerce 4th	2019	1892	409	354	1536	1607	
Master of Arts [Economics] 2nd	853	436	191	61	375	662	
Master of Arts (Economics) 4th	828	683	163	135	548	665	
Master of Arts [English] 2nd	1775	994	369	150	844	1406	
Master of Arts [English] 4th	1432	1165	277	192	973	1154	
Master of Science [ Environment Science ] 2nd	21	21	3	3	18	18	
Master of Science [ Environment Science ] 4th	23	23	5	5	18	18	
Master of Business Administration (Executive) 2nd	243	144	158	83	61	85	
Master of Business Administration (Executive) 4th	284	233	169	126	105	115	
Master of Arts (Gandhian and Peace Studies) 2nd	27	24	20	17	7	7	
Master of Arts (Gandhian and Peace Studies) 4th	22	20	16	14	6	6	
Master of Arts [Geography] 2nd	69	66	16	14	52	53	
Master of Arts [Geography] 4th	65	65	17	17	48	48	
Master of Arts [Hindi] 2nd	582	336	66	34	302	516	
Master of Arts [Hindi] 4th	553	440	56	28	412	497	
Master of Arts [History] 2nd	1229	970	316	227	743	904	
Master of Arts [History] 4th	1199	1015	341	285	730	858	
Master of Arts (Human Rights & Duties) 2nd	34	28	23	17	10	10	
Master of Arts (Human Rights & Duties) 4th	30	26	14	10	15	15	
Master of Science (Mathematics) 2nd	598	292	87	32	260	509	
Master of Science (Mathematics) 4th	638	336	96	45	291	541	



<b>Class</b>	<b>Total Candidate Appeared</b>	<b>Total Candidate Passed</b>	<b>Men Appeared</b>	<b>Men Passed</b>	<b>Women App</b>	<b>Women Passed</b>	<b>Division</b>
Master of Science [Microbial Biotechnology] 2nd	13	11	1	1	10	12	
Master of Science [Microbial Biotechnology] 4th	20	19	2	1	18	18	
Master of Journalism & Mass Comm. ( MMC ) 2nd	33	28	14	9	19	19	
Master of Journalism & Mass Comm. ( MMC ) 4th	32	29	11	8	21	21	
Master of Arts (Music Instrumental) 2nd	18	17	10	8	9	8	
Master of Arts (Music Instrumental) 4th	18	17	6	5	12	12	
Master of Arts (Music Vocal) 2nd	76	65	24	19	46	52	
Master of Arts (Music Vocal) 4th	56	49	20	17	32	36	
M.A. [Police Administration] 2nd	22	17	19	14	3	3	
M.A. [Police Administration] 4th	36	33	19	17	16	17	
M.A. [Punjabi] 2nd	1308	824	333	162	662	975	
M.A. [Punjabi] 4th	1197	944	285	208	736	912	
Master of Physical Education 2nd	221	186	133	112	74	88	
Master of Physical Education 4th	237	221	135	123	98	102	
M.A. (Philosophy) 2nd	23	20	13	11	9	10	
M.A. (Philosophy) 4th	24	22	12	11	11	12	
M.Sc. (Physics) 2nd	290	216	59	37	179	231	
M.Sc. (Physics) 4th	379	297	68	47	250	311	
M.A. [Political Science ] 2nd	1204	940	338	204	736	866	
M.A. [Political Science ] 4th	1021	966	286	258	708	735	
M.A. [Psychology] 2nd	181	175	14	12	163	167	
M.A. [Psychology] 4th	195	192	10	9	183	185	
M.A. (Public Administration) 2nd	305	196	115	58	138	190	
M.A. (Public Administration) 4th	255	191	106	68	123	149	

<b>Class</b>	<b>Total Candidate Appeared</b>	<b>Total Candidate Passed</b>	<b>Men Appeared</b>	<b>Men Passed</b>	<b>Women App</b>	<b>Women Passed</b>	<b>Division</b>
M.Sc. ( Information Technology ) 2nd	280	216	87	59	157	193	
M.Sc. ( Information Technology ) 4th	272	270	69	68	202	203	
M.A. (Sanskrit) 2nd	28	14	18	9	5	10	
M.A. (Sanskrit) 4th	39	36	24	22	14	15	
M.A.(Sociology) 2nd	1503	1147	338	224	923	1165	
M.A. (Sociology) 4th	1102	1004	267	229	775	835	
Master of Social Work 2nd	22	22	8	8	14	14	
Master of Social Work 4th	31	30	13	13	17	18	
M.Sc. (Zoology) 2nd	160	146	22	19	127	138	
M.Sc. (Zoology) 4th	180	179	11	11	168	169	
P. G. Diploma in Guidance & Counselling 2nd	77	69	7	6	63	70	
P G Diploma in Marketing Management Second	91	74	50	37	37	41	
Certificate Course in French	73	43	20	09	53	34	39
Diploma in French	06	06	03	03	03	03	03
Advance Diploma in French	11	09	06	04	05	05	05
Certificate Course in German	48	38	20	15	28	23	35
Diploma in German	15	07	09	04	06	03	05
Advance Diploma in German	04	02	01	01	03	01	02
Certificate Course in Russian	12	10	05	04	06	06	05
Diploma in Russian	03	03	02	02	01	01	02
Advance Diploma in Russian	04	03	04	03	00	00	02
Certificate Course in Urdu	20	16	09	08	11	08	15
Diploma in Urdu	06	06	05	05	01	01	05
Advance Diploma in Urdu	01	01	01	01	00	00	01

<b>Class</b>	<b>Total Candidate Appeared</b>	<b>Total Candidate Passed</b>	<b>Men Appeared</b>	<b>Men Passed</b>	<b>Women App</b>	<b>Women Passed</b>	<b>Division</b>
Certificate Course in Persian	08	08	07	07	01	01	07
Diploma in Persian	09	09	07	07	02	02	08
Advance Diploma in Persian	08	08	05	05	03	03	08
Certificate Course in Chinese	08	08	05	05	03	03	08
Diploma in Chinese	04	04	02	02	02	02	04
Advance Diploma in Chinese	02	02	01	01	01	01	03
Certificate Course in Women Studies	03	02	01	01	02	01	02
Certificate Course in Vivekanand Studies	05	05	01	01	04	04	05
ADHFWPE	19	19	06	06	13	13	17
ADHRD	24	20	15	11	09	09	17
BHMCT 2 <sup>nd</sup> Sem.	56	44	44	34	12	10	44
BHMCT 4 <sup>th</sup> Sem.	59	41	53	37	06	04	41
BHMCT 6 <sup>th</sup> Sem.	58	50	41	35	17	15	50
BHMCT 8 <sup>th</sup> Sem.	54	43	34	28	20	15	43
BTTM 2 <sup>nd</sup> Sem.	28	23	16	11	12	12	23
BTTM 4 <sup>th</sup> Sem.	28	10	15	06	13	04	09
BTTM 6 <sup>th</sup> Sem.	30	26	17	14	13	12	24
BTTM 8 <sup>th</sup> Sem.	30	30	20	20	10	10	28
MHMCT 2 <sup>nd</sup> Sem.	18	12	11	09	07	03	12
MHMCT 4 <sup>th</sup> Sem.	15	15	12	12	03	03	15
MTTM 2 <sup>nd</sup> Sem.	25	10	13	06	12	04	10
MTTM 4 <sup>th</sup> Sem.	27	20	16	12	11	08	20
M.Com. Accounting & Finance 2 <sup>nd</sup> Sem.	20	14	10	08	10	06	14
M.Com. Accounting & Finance 4 <sup>th</sup> Sem.	19	17	10	09	09	08	17

<b>Class</b>	<b>Total Candidate Appeared</b>	<b>Total Candidate Passed</b>	<b>Men Appeared</b>	<b>Men Passed</b>	<b>Women App</b>	<b>Women Passed</b>	<b>Division</b>
M.Com. Business Innovations 2 <sup>nd</sup> Sem.	45	36	16	12	29	24	36
M.Com. Business Innovations 4 <sup>th</sup> Sem.	37	35	11	10	26	25	35
M.Com. (E&FB) 2 <sup>nd</sup> Sem.	36	24	18	12	18	12	24
M.Com. (E&FB) 4 <sup>th</sup> Sem.	33	29	21	17	12	12	29
MBA Retail Management 2 <sup>nd</sup> Sem.	60	50	37	27	23	23	50
MBA Retail Management 4 <sup>th</sup> Sem.	60	37	34	17	26	20	37
MBA Banking & Insurance Management 2 <sup>nd</sup> Sem.	73	63	29	22	44	41	63
MBA Banking & Insurance Management 4 <sup>th</sup> Sem.	73	50	34	17	39	33	50
MBA IT & Telecommunication Management 2 <sup>nd</sup> Sem.	24	23	16	15	08	08	23
MBA IT & Telecommunication Management 4 <sup>th</sup> Sem.	24	20	16	12	08	08	20
MBA Infrastructural Management 2 <sup>nd</sup> Sem.	07	07	04	04	03	03	07
MBA Infrastructural Management 4 <sup>th</sup> Sem.	07	06	06	05	01	01	06
MBA Pharmaceutical Management 2 <sup>nd</sup> Sem.	14	12	08	06	06	06	11
MBA Pharmaceutical Management 4 <sup>th</sup> Sem.	14	10	10	07	04	03	10
MBA Hospital Management 2 <sup>nd</sup> Sem.	11	10	04	04	07	06	10
MBA Hospital Management 4 <sup>th</sup> Sem.	11	06	02	00	09	06	06
MBA Capital Markets 2 <sup>nd</sup> Sem.	25	23	13	11	12	12	23
MBA Capital Markets 4 <sup>th</sup> Sem.	25	18	12	07	13	11	25
MBA for Executive 2 <sup>nd</sup> Sem.	08	08	06	06	02	02	02
MBA for Executive 4 <sup>th</sup> Sem.	13	12	09	08	04	04	04
MBA Entrepreneurship 2 <sup>nd</sup> Sem.	06	06	04	04	02	02	02
MBA Entrepreneurship 4 <sup>th</sup> Sem.	15	12	11	08	04	04	04
M.A. A.I.H.C.& A. 2 <sup>nd</sup> Sem.	37	26	19	12	18	14	-
M.A. A.I.H.C.& A. 4 <sup>th</sup> Sem.	36	26	16	12	19	14	16

<b>Class</b>	<b>Total Candidate Appeared</b>	<b>Total Candidate Passed</b>	<b>Men Appeared</b>	<b>Men Passed</b>	<b>Women App</b>	<b>Women Passed</b>	<b>Division</b>	
M.A. Women Studies 2 <sup>nd</sup> Sem.	28	20	16	08	12	12	-	
M.A. Women Studies 4 <sup>th</sup> Sem.	22	15	12	08	07	04	12	
M.A. Governance & Leadership 2 <sup>nd</sup> Sem.	06	04	03	02	02	02	-	
M.A. Governance & Leadership 4 <sup>th</sup> Sem.	08			Result Pending				
Masters in Geoinformatics 2 <sup>nd</sup> Sem.	21	21		10	10	11	11	-
Master in Remote Sensing & GIS 4 <sup>th</sup> Sem.	23	22		10	09	13	13	22
M.A. Tabla 2 <sup>nd</sup> Sem.	08	08		08	08	-	-	-
M.A. Tabla 4 <sup>th</sup> Sem.	05	05		05	05	-	-	05
M.A. Disaster Management 2 <sup>nd</sup> Sem.	16	14		05	03	11	11	-
M.A. Disaster Management 4 <sup>th</sup> Sem.	20	19		13	13	07	06	19
M.Sc. Statistics 2 <sup>nd</sup> Sem.	36	34		11	10	25	24	-
M.Sc. Statistics 4 <sup>th</sup> Sem.	40	37		07	06	33	31	37
M.A. Indian Classical Dance 2 <sup>nd</sup> Sem.	10	09		-	-	10	09	-
M.A. Indian Classical Dance 4 <sup>th</sup> Sem.	09	09		-	-	09	09	09
B.E. Food Technology 2 <sup>nd</sup> Sem.	24	20		14	11	10	09	
B.E. Food Technology 4 <sup>th</sup> Sem.	24	20		19	15	05	05	
B.E. Food Technology 6 <sup>th</sup> Sem.	33	25		24	17	09	08	
B.E. Food Technology 8 <sup>th</sup> Sem.	28	26		12	10	16	16	
B.E. Information Technology 2 <sup>nd</sup> Sem.	169	153		139	125	30	28	
B.E. Information Technology 4 <sup>th</sup> Sem.	175	155		139	122	36	33	
B.E. Information Technology 6 <sup>th</sup> Sem.	174	156		120	110	54	46	
B.E. Information Technology 8 <sup>th</sup> Sem.	137	131		107	101	30	30	
B.E. Computer Science & Engg. 2 <sup>nd</sup> Sem.	233	198		185	156	48	42	
B.E. Computer Science & Engg. 4 <sup>th</sup> Sem.	257	220		200	167	57	53	

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B.E. Computer Science & Engg. 6 <sup>th</sup> Sem.	246	178	191	133	55	45	
B.E. Computer Science & Engg. 8 <sup>th</sup> Sem.	258	245	187	176	71	69	
M.E. Food Technology 2 <sup>nd</sup> Sem.	11	11	02	02	09	09	
M.E. Food Technology 4 <sup>th</sup> Sem.	11	10	02	01	09	09	
M.E. Construction Tech. & Mgt. (Modular) 2 <sup>nd</sup> Sem.	22	20	20	19	02	01	
M.E. Construction Tech. & Mgt. (Modular) 4 <sup>th</sup> Sem.	31	30	28	27	03	03	
M.E. Construction Tech. & Mgt. (Modular) 6 <sup>th</sup> Sem.	22	21	18	17	04	04	
M.E. Construction Tech. & Mgt. (Regular) 2 <sup>nd</sup> Sem.	21	18	19	16	02	02	
M.E. Construction Tech. & Mgt. (Regular) 4 <sup>th</sup> Sem.	23	-	19	-	4	-	
M.E. Information Technology 2 <sup>nd</sup> Sem.	14	09	08	05	06	04	
M.E. Information Technology 4 <sup>th</sup> Sem.	14	-	5	-	9	-	
M.Sc. (Instrumentation) 4 <sup>th</sup> Sem.	02	02	02	02	-	-	
M.Tech. Microelectronics 2 <sup>nd</sup> Sem.	07	06	03	02	04	04	
M.Tech. Microelectronics 4 <sup>th</sup> Sem.	10	-	7	-	3	-	
M.Tech. Instrumentation 2 <sup>nd</sup> Sem.	01	-	01	-	-	-	
M.Tech. Instrumentation 4 <sup>th</sup> Sem.	06	-	-	-	06	-	
P.G. Diploma in Nutrition & Dietetics 2 <sup>nd</sup> Sem.	41	37	-	-	41	37	
B.E. Civil 2 <sup>nd</sup> Sem.	47	24	32	17	15	07	
B.E. Civil 4 <sup>th</sup> Sem.	67	55	57	49	10	06	
B.E. Civil 6 <sup>th</sup> Sem.	70	64	58	48	12	10	
B.E. Civil 8 <sup>th</sup> Sem.	64	60	58	54	06	06	28
B.E. Bio-Tech. 2 <sup>nd</sup> Sem.	68	60	52	48	16	12	
B.E. Bio-Tech. 4 <sup>th</sup> Sem.	60	40	38	22	22	18	
B.E. Bio-Tech. 6 <sup>th</sup> Sem.	54	27	27	09	27	18	

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B.E. Bio-Tech. 8 <sup>th</sup> Sem.	21	16		06	05	15	11	10
M.E. Bio-Technology 2 <sup>nd</sup> Sem.	23	21		06	05	17	16	
M.E. Bio-Technology 4 <sup>th</sup> Sem.	20	01		06	-	14	01	01
M.E. Mechanical 2 <sup>nd</sup> Sem.	13	09		13	13	-	-	-
M.E. Mechanical 4 <sup>th</sup> Sem.	14	02		14	02	-	-	-
B.Sc. Home Science 6 <sup>th</sup> Sem.	91	88		-	-	91	88	84
M.B.A. Executive 4 <sup>th</sup> Sem.	284	231		144	111	140	120	240
M.E. Mech. Engg. (Manufacturing Tech.) 2 <sup>nd</sup> Sem.	06	06		06	06	-	-	-
M.E. Mech. Engg. (Manufacturing Tech.) 4 <sup>th</sup> Sem.	16	07		16	07	-	-	-
M.E. in Mech. Engg. (Robotics) 2 <sup>nd</sup> Sem.	01	01		01	01	-	-	
M.E. in Mech. Engg. (Robotics) 4 <sup>th</sup> Sem.	-	-		-	-	-	-	-
M.E. Mech Engg. (Manufacturing Tech.) 2 <sup>nd</sup> Spell	21	21		19	19	02	02	
M.E. Mech Engg. (Manufacturing Tech.) 3 <sup>rd</sup> Spell	17	16		17	16	-	-	
M.E. Mech Engg. (Manufacturing Tech.) 6 <sup>th</sup> Spell	07	05		07	05	-	-	
M.Sc. Home Science HD&FR 2 <sup>nd</sup> Sem.	17	16		-	-	17	16	
M.Sc. Home Science HD&FR 4 <sup>th</sup> Sem.	13	12		-	-	13	12	12
B.E. Mechanical 2 <sup>nd</sup> Sem.	157	86		140	71	17	15	
B.E. Mechanical 4 <sup>th</sup> Sem.	179	102		169	91	15	11	
B.E. Mechanical 6 <sup>th</sup> Sem.	194	133		183	124	11	09	
B.E. Mechanical 8 <sup>th</sup> Sem.	150	120		138	111	12	09	
B.E. (ECE) 2 <sup>nd</sup> Sem.	215	177		169	133	46	44	
B.E. (ECE) 4 <sup>th</sup> Sem.				Result Pending				
B.E. (ECE) 6 <sup>th</sup> Sem.	258	206		193	149	65	57	
B.E. (ECE) 8 <sup>th</sup> Sem.	201	172		145	118	56	54	

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M.E. (CSE) 2 <sup>nd</sup> Sem.	18	15		10	08	08	07
M.E. (CSE) 4 <sup>th</sup> Sem.	20	14		04	02	16	12
M.Tech. Nano Sci. & Nano Tech. 2 <sup>nd</sup> Sem.	04	02		03	01	01	01
M.Tech. Nano Sci. & Nano Tech. 4 <sup>th</sup> Sem.	10	08		08	06	02	02
M.Tech. Material Science 2 <sup>nd</sup> Sem.	11	10		08	07	03	03
M.Tech. Material Science 4 <sup>th</sup> Sem.				Result Pending			
B.Voc. Agri – Bus. & Agrarian Entrepre. 2 <sup>nd</sup> Sem.	12	03		12	03	-	-
B.Voc. Agri – Bus. & Agrarian Entrepre. 4 <sup>th</sup> Sem.	07	00		07	00	-	-
B.Voc. Agri – Bus. & Agrarian Entrepre. 6 <sup>th</sup> Sem.	11	04		11	04	-	- 04
B.Voc. Automobile 2 <sup>nd</sup> Sem.	17	10		17	10	-	-
B.Voc. Automobile 4 <sup>th</sup> Sem.	15	11		15	11	-	
B.Voc. Beauty Aesthetics & Wellness 2 <sup>nd</sup> Sem.	16	09		-	-	16	
B.Voc. Beauty Aesthetics & Wellness 6 <sup>th</sup> Sem.	09	09		-	-	09	
B.Voc. Banking & Financial Services 2 <sup>nd</sup> Sem.	06	02		03	-	03	
B.Voc. Banking & Financial Services 4 <sup>th</sup> Sem.	09	06		05	02	04	
B.Voc. E-Commerce & Digital Marketing 2 <sup>nd</sup> Sem.	15	08		08	02	07	
B.Voc. E-Commerce & Digital Marketing 6 <sup>th</sup> Sem.	05	05		05	05	-	
B.Voc. Fashion Designing 2 <sup>nd</sup> Sem.	18	10		-	-	18	
B.Voc. Fashion Designing 4 <sup>th</sup> Sem.	16	13		-	-	16	
B.Voc. Fashion Designing 6 <sup>th</sup> Sem.	07	04		-	-	07	
B.Voc. Fashion Tech. & Apparel Design 2 <sup>nd</sup> Sem.	19	12		02	01	17	
B.Voc. Fashion Tech & Apparel Design 4 <sup>th</sup> Sem.	24	16		02	00	22	
B.Voc. Fashion Tech. & Apparel Design 6 <sup>th</sup> Sem.	22	13		01	01	21	
B.Voc. Food Processing & Preservation 2 <sup>nd</sup> Sem.	21	09		15	08	06	



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B.Voc. Food Processing & Preservation 4 <sup>th</sup> Sem.	12	06		06	00	06	
B.Voc. Food Processing & Preservation 6 <sup>th</sup> Sem.	16	11		11	08	05	
B.Voc. Food Processing & Quality Mgt. 2 <sup>nd</sup> Sem.	34	22		15	09	19	
B.Voc. Food Processing & Quality Mgt. 4 <sup>th</sup> Sem.	20	17		09	08	11	
B.Voc. Food Processing & Quality Mgt. 6 <sup>th</sup> Sem.	26	25		20	19	06	
B.Voc. Food Science & Technology 2 <sup>nd</sup> Sem.	29	06		20	00	09	
B.Voc. Food Science & Technology 4 <sup>th</sup> Sem.	29	13		18	05	11	
B.Voc. Food Science & Technology 6 <sup>th</sup> Sem.	23	18		08	04	15	
B.Voc. Global Prof. in Beauty Aesthetics 2 <sup>nd</sup> Sem.	82	70		-	-	82	
B.Voc. Global Prof. in Beauty Aesthetics 4 <sup>th</sup> Sem.	44	41		-	-	44	
B.Voc. Global Prof. in Beauty Aesthetics 6 <sup>th</sup> Sem.	45	38		-	-	45	
B.Voc. Hardware & Networking 2 <sup>nd</sup> Sem.	42	16		42	16	-	
B.Voc. Hardware & Networking 4 <sup>th</sup> Sem.	33	11		27	06	06	
B.Voc. Hardware & Networking 6 <sup>th</sup> Sem.	23	13		23	13	-	
B.Voc. Hospital Administration & Mgt 2 <sup>nd</sup> Sem.	24	16		08	02	16	
B.Voc. Hospital Administration & Mgt. 4 <sup>th</sup> Sem.	20	12		05	-	15	
B.Voc. Hospital Administration & Mgt. 6 <sup>th</sup> Sem.	50	41		-	-	50	
B.Voc. Hospitality & Tourism Mgt. 2 <sup>nd</sup> Sem.	08	07		-	-	08	
B.Voc. Hospitality & Tourism Mgt. 4 <sup>th</sup> Sem.	09	09		-	-	09	
B.Voc. Hospitality & Tourism Mgt. 6 <sup>th</sup> Sem.	12	12		-	-	12	
B.Voc. Horticulture Science 4 <sup>th</sup> Sem.	17	10		15	08	02	
B.Voc. Horticulture Science 6 <sup>th</sup> Sem.	06	03		05	02	01	
B.Voc. Logistics Management 2 <sup>nd</sup> Sem.	46	21		41	19	05	
B.Voc. Logistics Management 4 <sup>th</sup> Sem.	30	14		26	12	04	

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B.Voc. Logistics Management 6 <sup>th</sup> Sem.	37	22		32	19	05	
B.Voc. Med. Lab & Modecular Diag. Tech. 2 <sup>nd</sup> Sem.	15	10		10	05	05	
B.Voc. Med. Lab & Modecular Diag. Tech. 4 <sup>th</sup> Sem.	10	10		04	04	06	
B.Voc. Medical Lab Technology 2 <sup>nd</sup> Sem.	117	46		61	15	56	
B.Voc. Medical Lab Technology 4 <sup>th</sup> Sem.	74	53		41	28	33	
B.Voc. Medical Lab Technology 6 <sup>th</sup> Sem.	84	64		35	24	49	
B.Voc. Multimedia Graphics & Animation 2 <sup>nd</sup> Sem.	01	-		-	-	01	
B.Voc. Multimedia Graphics & Animation 4 <sup>th</sup> Sem.	09	02		06	-	03	
B.Voc. Multimedia Graphics & Animation 6 <sup>th</sup> Sem.	05	04		03	02	02	
B.Voc. Nutrition & Dietetics 2 <sup>nd</sup> Sem.	12	11		-	-	12	
B.Voc. Nutrition & Dietetics 4 <sup>th</sup> Sem.	03	03		-	-	03	
B.Voc. Nutrition & Dietetics 6 <sup>th</sup> Sem.	07	07		-	-	07	
B.Voc. Retail Management 2 <sup>nd</sup> Sem.	84	36		52	18	32	
B.Voc. Retail Management 4 <sup>th</sup> Sem.	64	41		39	21	25	
B.Voc. Retail Management 6 <sup>th</sup> Sem.	39	16		32	14	07	
B.Voc. Software Development 2 <sup>nd</sup> Sem.	42	08		37	05	05	
B.Voc. Software Development 4 <sup>th</sup> Sem.	18	09		07	02	11	
B.Voc. Software Development 6 <sup>th</sup> Sem.	14	13		04	03	10	
B.Voc. Textile & Fashion Technology 2 <sup>nd</sup> Sem.	21	18		-	-	21	
B.Voc. Textile & Fashion Technology 4 <sup>th</sup> Sem.	17	14		-	-	17	
B.Voc. Textile & Fashion Technology 6 <sup>th</sup> Sem.	18	15		-	-	18	
B.Voc. Tax Law & Management 2 <sup>nd</sup> Sem.	07	01		-	-	07	
B.Voc. Media & Entertainment 2 <sup>nd</sup> Sem.	11	03		10	03	01	
B.Voc. Journalism Mass Communication 4 <sup>th</sup> Sem.	02	02		-	-	02	

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B.Voc. Journalism Mass Communication 6 <sup>th</sup> Sem.	03	02	-	-	-	03	
B.Voc. Web Technology & Multimedia 6 <sup>th</sup> Sem.	11	10	11	11	10	-	
B.Voc. Tax Law & Management 4 <sup>th</sup> Sem.	04	-	04	04	-	-	
B.Sc. (H.S.) Geology 2 <sup>nd</sup> Sem.	27	08	10	10	03	17	05
B.Sc. (H.S.) Geology 4 <sup>th</sup> Sem.	11	08	05	05	02	06	06
B.Sc. (H.S.) Geology 6 <sup>th</sup> Sem.	35	35	16	16	16	19	19
M.Sc. (H.S.) Geology 2 <sup>nd</sup> Sem.	26	16	12	12	05	14	11
M.Sc. (H.S.) Geology 4 <sup>th</sup> Sem.	24	24	11	11	11	13	13
B.A. (H.S.) Economics 2 <sup>nd</sup> Sem.	31	28	09	09	07	22	21
B.A. (H.S.) Economics 4 <sup>th</sup> Sem.	29	20	09	09	05	20	15
B.A. (H.S.) Economics 6 <sup>th</sup> Sem.	32	29	10	10	07	22	22
B.Sc. (H.S.) Biophysics 2 <sup>nd</sup> Sem.	15	12	02	02	02	13	10
B.Sc. (H.S.) Biophysics 4 <sup>th</sup> Sem.	08	06	01	01	01	07	05
B.Sc. (H.S.) Biophysics 6 <sup>th</sup> Sem.	23	21	08	08	06	15	15
M.Sc. (H.S.) Biophysics 2 <sup>nd</sup> Sem.	17	16	05	05	04	12	12
M.Sc. (H.S.) Biophysics 4 <sup>th</sup> Sem.	09	09	02	02	02	07	07
B.Sc. (H.S.) Botany 2 <sup>nd</sup> Sem.	19	15	03	03	01	16	14
B.Sc. (H.S.) Botany 4 <sup>th</sup> Sem.	13	11	06	06	04	07	07
B.Sc. (H.S.) Botany 6 <sup>th</sup> Sem.	23	17	06	06	03	17	14
M.Sc. (H.S.) Botany 2 <sup>nd</sup> Sem.	42	40	07	07	07	35	33
M.Sc. (H.S.) Botany 4 <sup>th</sup> Sem.	47	47	06	06	06	41	41
B.Sc. (H.S.) Biochemistry 2 <sup>nd</sup> Sem.	19	16	07	07	05	12	11
B.Sc. (H.S.) Biochemistry 4 <sup>th</sup> Sem.	16	15	02	02	01	14	14
B.Sc. (H.S.) Biochemistry 6 <sup>th</sup> Sem.	26	21	08	08	05	18	16

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M.Sc. (H.S.) Biochemistry 2 <sup>nd</sup> Sem.	23	22		06	06	17	16
M.Sc. (H.S.) Biochemistry 4 <sup>th</sup> Sem.	21	21		02	02	19	19
M.Sc. Forensic Science & Criminology 2 <sup>nd</sup> Sem.	22	22		05	05	17	17
M.Sc. Forensic Science & Criminology 4 <sup>th</sup> Sem.	25	25		08	08	17	17
M.Sc. System Biology & Bioinformatics 2 <sup>nd</sup> Sem.	12	10		01	01	11	09
M.Sc. System Biology & Bioinformatics 4 <sup>th</sup> Sem.	13	13		01	01	12	12
B.Ed. Spl. Edu. (Learning Disability) 2 <sup>nd</sup> Sem.	29	28		05	04	24	24
B.Ed. Spl. Edu. (Learning Disability) 4 <sup>th</sup> Sem.	33	33		01	01	32	32
B.Sc. (Hons.) Zoology 2 <sup>nd</sup> Sem.	18	13		02	1	16	12
B.Sc. (Hons.) Zoology 4 <sup>th</sup> Sem.	16	14		02	02	14	12
B.Sc. (Hons.) Zoology 6 <sup>th</sup> Sem.	29	23		07	04	22	19
M.Sc. (Hons.) Zoology 2 <sup>nd</sup> Sem.	42	40		06	05	36	35
M.Sc. (Hons.) Zoology 4 <sup>th</sup> Sem.	36	36		02	02	34	34
B.Sc. (Hons.) Microbiology 2 <sup>nd</sup> Sem.				Result Pending			
B.Sc. (Hons.) Microbiology 4 <sup>th</sup> Sem.	21	19		02	02	19	17
B.Sc. (Hons.) Microbiology 6 <sup>th</sup> Sem.	30	28		04	03	26	25
M.Sc. (Hons.) Microbiology 2 <sup>nd</sup> Sem.	27	22		04	02	23	20
M.Sc. (Hons.) Microbiology 4 <sup>th</sup> Sem.	28	28		01	01	27	27
B.Sc. (Hons.) Mathematics 2 <sup>nd</sup> Sem.	38	31		13	09	25	22
B.Sc. (Hons.) Mathematics 4 <sup>th</sup> Sem.	33	06		09	02	24	04
B.Sc. (Hons.) Mathematics 6 <sup>th</sup> Sem.	41	27		17	08	24	19
M.Sc. (Hons.) Mathematics 2 <sup>nd</sup> Sem.	54	29		16	06	38	23
M.Sc. (Hons.) Mathematics 4 <sup>th</sup> Sem.	57	30		16	05	41	25
M.A. (TYC) Public Health 2 <sup>nd</sup> Sem.	24	24		07	07	17	17

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M.A. (TYC) Public Health 4 <sup>th</sup> Sem.	29	29		07	07	22	22
M.Sc. (TYC) Fashion & Life Style Tech. 2 <sup>nd</sup> Sem.	11	10		02	02	09	08
M.Sc. (TYC) Fashion & Life Style Tech. 4 <sup>th</sup> Sem.	20	20		-	-	20	20
M.Sc. (TYC) Human Geonomics 2 <sup>nd</sup> Sem.	18	18		03	03	15	15
M.Sc. (TYC) Human Geonomics 4 <sup>th</sup> Sem.	16	16		-	-	16	6
M.Sc. (TYC) Nuclear Medicine 2 <sup>nd</sup> Sem.	10	09		-	-	10	09
M.Sc. (TYC) Nuclear Medicine 4 <sup>th</sup> Sem.	08	08		02	02	06	06
B.Sc. Fashion & Life Style Tech. 2 <sup>nd</sup> Sem.	41	40		04	04	37	36
B.Sc. Fashion & Life Style Tech. 4 <sup>th</sup> Sem.	35	29		02	01	33	28
B.Sc. Fashion & Life Style Tech. 6 <sup>th</sup> Sem.	38	34		03	03	35	31
B.Sc. (Hons.) Physics 2 <sup>nd</sup> Sem.	37	33		20	17	17	16
B.Sc. (Hons.) Physics 4 <sup>th</sup> Sem.	28	27		14	13	14	14
B.Sc. (Hons.) Physics 6 <sup>th</sup> Sem.	43	42		18	17	25	25
M.Sc. (Hons.) Physics 2 <sup>nd</sup> Sem.	72	64		32	27	40	37
M.Sc. (Hons.) Physics 4 <sup>th</sup> Sem.	72	63		24	19	48	44
B.Sc. (Hons.) Physics (Spl. In Elec.) 2 <sup>nd</sup> Sem.	16	13		08	06	08	07
B.Sc. (Hons.) Physics (Spl. In Elec.) 4 <sup>th</sup> Sem.	10	10		06	06	04	04
B.Sc. (Hons.) Physics (Spl. In Elec.) 6 <sup>th</sup> Sem.	24	22		10	09	14	13
M.Sc. (Hons.) Physics (Spl. In Elec.) 2 <sup>nd</sup> Sem.	25	22		11	09	14	13
M.Sc. (Hons.) Physics (Spl. In Elec.) 4 <sup>th</sup> Sem.	31	30		09	09	22	21
B.Sc. (Hons.) Bio-Tech. 2 <sup>nd</sup> Sem.	16	12		05	05	11	07
B.Sc. (Hons.) Bio- Tech. 4 <sup>th</sup> Sem.	15	15		03	03	12	12
B.Sc. (Hons.) Bio-Tech. 6 <sup>th</sup> Sem.	20	17		07	06	13	11
M.Sc. (Hons.) Bio-Tech. 2 <sup>nd</sup> Sem.	21	20		07	06	14	14

<b>Class</b>	<b>Total Candidate Appeared</b>	<b>Total Candidate Passed</b>	<b>Men Appeared</b>	<b>Men Passed</b>	<b>Women App</b>	<b>Women Passed</b>	<b>Division</b>
M.Sc. (Hons.) Bio-Tech. 4 <sup>th</sup> Sem.	21	21		05	05	16	16
M.Sc. Microbial Tech. 2 <sup>nd</sup> Sem.	19	17		02	01	17	16
M.Sc. Microbial Tech. 4 <sup>th</sup> Sem.	25	25		04	04	21	21
M.Sc. Medical Physics 2 <sup>nd</sup> Sem.	11	10		03	03	08	07
M.Sc. Medical Physics 4 <sup>th</sup> Sem.	11	11		03	03	08	08
B.Sc. (Hons.) Chemistry 2 <sup>nd</sup> Sem.	40	37		09	07	31	30
B.Sc. (Hons.) Chemistry 4 <sup>th</sup> Sem.	43	34		11	06	32	28
B.Sc. (Hons.) Chemistry 6 <sup>th</sup> Sem.	61	52		16	14	45	39
M.Sc. (Hons.) Chemistry 2 <sup>nd</sup> Sem.	53	47		09	09	44	38
M.Sc. (Hons.) Chemistry 4 <sup>th</sup> Sem.	57	55		13	12	44	43
B.Sc. (Hons.) Anthropology 2 <sup>nd</sup> Sem.	21	17		05	04	16	13
B.Sc. (Hons.) Anthropology 4 <sup>th</sup> Sem.	09	07		03	03	06	04
B.Sc. (Hons.) Anthropology 6 <sup>th</sup> Sem.	27	27		07	07	20	20
M.Sc. (Hons.) Anthropology 2 <sup>nd</sup> Sem.	23	23		03	03	20	20
M.Sc. (Hons.) Anthropology 4 <sup>th</sup> Sem.	41	38		13	11	28	27
M.Sc. (Hons.) Computer Science 2 <sup>nd</sup> Sem.	10	07		06	06	04	01
M.Sc. (Hons.) Computer Science 4 <sup>th</sup> Sem.	12	12		05	05	07	07
B.Ed. (Yoga) 2 <sup>nd</sup> Sem.	21	21		05	05	16	16
B.Ed. (Yoga) 4 <sup>th</sup> Sem.	21	21		05	05	16	16

**TABLE-V**

Name &amp; Address of the College: Post Graduate Government College for Girls, Sector 42, Chandigarh

Sr. no	File No./Scheme	Plan	Grant Allocation	Grant released	Intt. Earned on UGC Grant	Total funds available	Expenditure reported	Amount Refunded	Balance	Settled	Supportive documents deposited
<b>Grants received during XI Plan (1 July , 2021 to 30 June, 2022)</b>											
1.	Travel Grant	Travel Grant	Rs.1,60,617	-	-	Rs.1,60,617	-	-	-	-	-

Name &amp; Address of the College: GHG Harparkash College of Education for Women, Sidhwan Khurd, Ludhiana

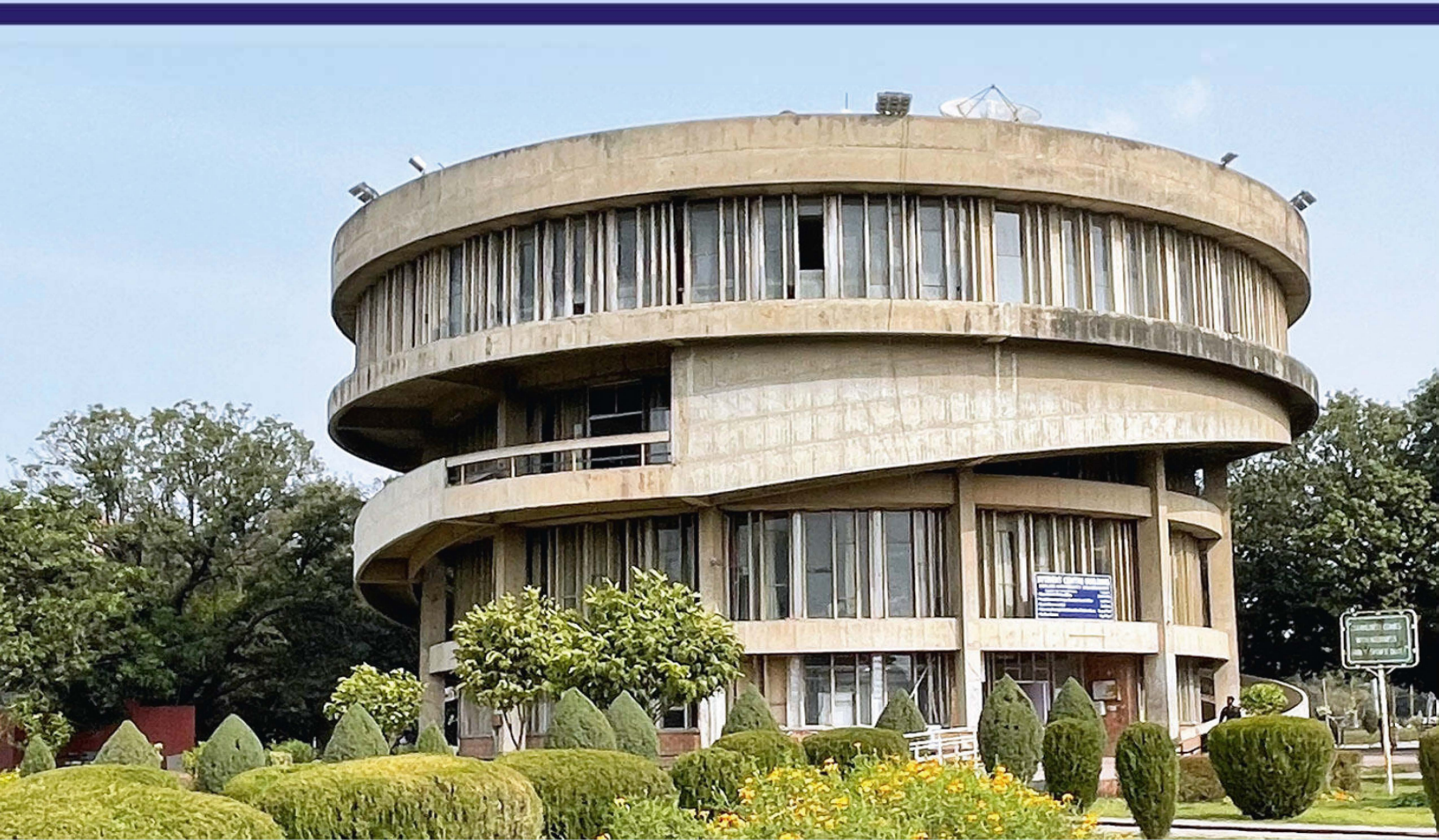
Sr. no	File No./Scheme	Plan	Grant Allocation	Grant released	Intt. Earned on UGC Grant	Total funds available	Expenditure reported	Amount Refunded	Balance	Settled	Supportive documents deposited
<b>Grants received during XI Plan (1 July , 2021 to 30 June, 2022)</b>											
1.	UGC Paramarsh Scheme		Rs. 2668000	1334000	25333	Rs.1359533	1730769	-	- (371236)	-	Utilization Certificate

**TABLE VI**

**Detail of enrolment in Affiliated Colleges of Panjab University, Chandigarh**

<b>Faculty</b>	<b>Total Enrolment</b>	<b>Enrolment in Post- Graduate Classes</b>	<b>Enrolment in Under- Graduate Classes</b>
	(i)	(ii)	(iii)
<b>Arts</b>	90012	8581	81431
<b>Commerce</b>	31934	3209	28725
<b>Education</b>	13726	914	12812
<b>Science</b>	30684	5049	25635
<b>Total</b>	166356	17753	148603





# **PANJAB UNIVERSITY**

[Estd. under the Panjab University Act VII of 1947 enacted by the Govt. of india]

**CHANDIGARH - 160014, (INDIA)**

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