

MEMORANDUM OF UNDERSTANDING

Between



**CSIR-Institute of Minerals & Materials Technology (IMMT),
Bhubaneswar**

&



Panjab University (PU), Chandigarh

In the spirit of intellectual cooperation, scholarly exchange, and development of national partnership with leading institutions, CSIR-Institute of Minerals and Materials Technology (CSIR-IMMT), Bhubaneswar, and Panjab University, Chandigarh, agree to establish a program of exchange and collaboration on issues of mutual interest that may emerge from time to time.

This MOU is entered into on the ...6th... day of ...May....., 2026.

1. PURPOSE

The purpose of the cooperation is to promote collaborative research and exchange of knowledge and technical know-how between the two institutions in areas of mutual interest. Major areas on which the institutes shall cooperate will include, but not be limited to:

- Mineral Processing
- Mineral exploration and Geology
- Materials Sciences and Engineering
- Intellectual Property Rights and Management
- Environmental Sciences and Engineering

2. MODE

The mode of cooperation will include collaborative efforts in:

- Developing joint proposals in basic and applied research for external sponsorship;
- Giving impetus to societal relevance in developing technologies and disseminating information;

- Joint Ph. D guidance as per institute norms;
- Sharing research facilities as per institute norms;
- Initiating professional development and capacity-building programmes;
- Sharing IP and Research Publications;
- Conducting joint HR programmes for industry and academia.

To achieve the goals of this cooperation, both the institutes shall, within the means available to each institute, **a)** promote participation of scientists, faculty and student researchers in appropriate research and academic activities; **b)** jointly organize symposia, conferences, workshops, and meetings on current and futuristic research issues; **c)** develop and implement joint research programmes; and **d)** exchange disclosable information pertaining to the agreed-upon research areas.

3. SPECIFIC TERMS

- 3.1 Prior to the initiation of any particular activity, specific terms of cooperation for its execution will be discussed and agreed upon by the appropriate responsible representatives of both the institutes.
- 3.2 Regular employees and research fellows/associates of CSIR-IMMT may be permitted to enroll in Master's or Doctoral programmes at PU as sponsored candidates if selected. Masters/PhD-related research work can be carried out under the joint supervision of designated faculty and scientists.
- 3.3 Students of PU will be given the opportunity to carry out their research work/internship at CSIR-IMMT as per institute norms, depending on their research topics and the latter's intake capacity. The research work will be carried out under the joint guidance of the designated faculty of PU and scientists of CSIR-IMMT as per institute norms.
- 3.4 Designated scientists/faculty of each institute will be encouraged to deliver lectures in an appropriate mode based on the necessity of the host institute.
- 3.5 Protection and exploitation of any intellectual property arising out of a collaborative research project will be shared jointly. Filing and maintenance-related issues of patents, etc., will be discussed on a case-to-case basis.
- 3.6 Employees of both the institutes shall take utmost care to protect confidential information disclosed by the other institute in good faith. Neither institute will publish or release any information pertaining to any joint activity without the prior written consent of the other institute.
- 3.7 Educational/industrial training programmes and short courses will be organized jointly, with the sharing of resources in an appropriate manner.
- 3.8 Both the institutes shall extend their analytical/characterization facilities to the faculty/scientists/ researchers/students as per institute norms.

4. GENERAL CONDITIONS

- 4.1 Implementation of this MOU will be overseen by the Director of CSIR-IMMT and Registrar of PU or their designated representatives.
- 4.2 Each institute agrees to release and hold the other institute harmless from and against any claims, damages, liability, or costs, to the extent such claims, damages, liability, or costs arise from the negligent or willful acts or omissions of the other institution or any of its agents or employees in connection with their respective performance under this MOU.
- 4.3 The institutes agree that in the course of implementing this MOU, they will not engage in unlawful discrimination on the grounds of race, gender, sexual orientation, age, religion, social class, national or ethnic origin, or disability.
- 4.4 Amendments to this MOU may be made at any time after consultation and agreement between the two institutes. Any such amendment must be made in writing and signed by both the institutes.
- 4.5 This MOU will remain in force for a period of **5 (five) years** from the date it is fully executed. Prior to the expiration date, the MOU may be reviewed for possible renewal for a further suitable time period. In addition, either party may terminate the MOU in advance of its normal expiration by providing the other with six months' prior written notice and justification.
- 4.6 As a general principle, the faculty, researchers, students, and scientists of both the institutes shall work cooperatively to resolve any dispute that may arise during the period of the MOU. In the event of the disputes not getting resolved, the decision taken jointly by the Directors of both the institutes will be final and binding on all concerned.
- 4.7 There are no financial liabilities for either institute.


Mr. Jayanta Mallick

Head-PME, CSIR-IMMT

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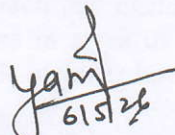
प्रधान पी.एम.ई./Head PME
सीएसआईआर-खनिज एवं पदार्थ प्रौद्योगिकी संस्थान
CSIR-Institute of Minerals & Materials Technology
भुवनेश्वर, ओडिशा, (भारत)
Bhubaneswar-751013, Odisha (India)

Witness 1:


Dr. TONMOY KUNDU
Pr. SCIENTIST/CSIR-IMMT

Witness 2:


Dr. M. S. Prasad
Sr. Pr. Scientist
CSIR-IMMT


Prof. Yajvender Pal Verma

Registrar, PU

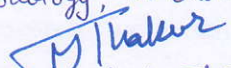
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Registrar,
Panjab University,
Chandigarh.

Witness 1:


Dr. Debabrata Das
Geology, PU Chd.

Witness 2:


Dr. Mahesh Thakur
Geology, PU Chd.