

MEMORANDUM OF UNDERSTANDING

Between



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

&



Central University of Jharkhand, Ranchi-835222, Jharkhand

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 Central University of Jharkhand, Ranchi (CUJ), 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 22nd day of August, 2023.

1. PURPOSE

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

- Chemical Sciences and Engineering
- Pharmaceutical Sciences and Technology
- Biological and Allied Sciences
- 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;
- Setting up innovation/incubation centers;
- Giving impetus to societal relevance in developing technologies and disseminating information;
- Joint M. Sc, M. Tech, M. Pharm and Ph. D guidance;
- Sharing research facilities;
- Initiating professional development and capacity-building programmes;
- Sharing IP and Research Publications emanating from joint programmes;
- 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 institutional exchange of scientists, faculty and student researchers to participate in appropriate research and academic activities (financial expenditure being sponsored by respective institutes and host institute will take care of local hospitality for scientists and professors); 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 Masters or Doctoral programmes at CUJ as sponsored candidates if selected. Masters/PhD related research work can be carried out under the joint supervision of designated faculty and scientists (as per the eligible criteria of UGC/CSIR).
- 3.3 Students of CUJ will be given opportunity to carry out their project work/internship at CSIR-IMMT depending on their research topics and the latter's intake capacity. The project work will be carried out under the joint guidance of designated faculty of CUJ and scientists of CSIR-IMMT.



3.4 Designated scientists/faculty of each institute will be encouraged to deliver lectures in appropriate mode based on necessity of host institute. CUJ may offer tenured professorship.

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.

Educational/industrial training programmes and short courses will be organized jointly with sharing of resources in an appropriate manner.

3.7 Both the institutes shall extend their analytical/characterization facilities to the faculty/scientists/ researchers/students on concessional rates.

4. GENERAL CONDITIONS

4.1 Implementation of this MOU will be overseen by the Director of CSIR-IMMT and Registrar of CUJ 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 omission 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 **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. In this




case, persons already approved as exchange participants will be allowed to complete their exchange visits under the conditions specified at the time of their invitation to the host institution (**financial expenditure being sponsored by respective institutes and host institute will take care of local hospitality for scientists and professors**).

4.6 The MoU is only for the purpose of academics and not legally binding to either party.


4.7 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 competent authorities of both the institutes will be final and binding on all concerned.



Dr. Ramanuj Narayan
Director, CSIR-IMMT


Mr. K. K. Rao
Registrar, CUJ

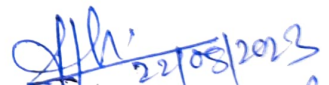
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Prof. G. P. Singh.