



Memorandum of Understanding Between

**GEOLOGICAL SURVEY OF INDIA TRAINING INSTITUTE
HYDERABAD**

And

**INDIAN INSTITUTE OF TECHNOLOGY
(INDIAN SCHOOL OF MINES), DHANBAD**

On

**COLLABORATION FOR ACADEMIC AND RESEARCH
PROGRAMS**

**HYDERABAD
AUGUST 2018**

MEMORANDUM OF UNDERSTANDING

TITLE : Collaboration for Academic and Research Programs

This Memorandum of Understanding (MoU) entered on this day the 16/8/2018

BETWEEN

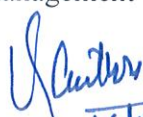
Geological Survey of India Training Institute with its headquarters at Hyderabad - 500 068 represented by Dy. Director General & Head, Mission –V, GSI Training Institute, Hyderabad (hereafter referred to as '**GSITI**')

AND

Indian Institute of Technology (Indian School of Mines), Dhanbad with its main campus at, Dhanbad, Jharkhand-826004, India represented by its Dean (R&D) (hereafter referred to as '**IIT(ISM) Dhanbad**')

Whereas

1. Geological Survey of India, established in 1851, is a premier Earth science organization in the country. It has offices spread all over India with modern laboratory facilities and more than 3000 professional Geoscientists working in the organization. The Geological Survey of India Training Institute (GSITI) was established in 1976 for imparting professional training to the newly recruited Geoscientists and later expanded to conduct basic, refresher and advanced training programmes for the Geoscientists of GSI in the geoscientific domains like Mapping, Mineral Exploration, Laboratory Techniques, Drilling and on issues of societal relevance like Landslides, Disaster Management, Environmental Studies, etc.
2. The Indian School of Mines was formally opened on 9th December 1926, by Lord Irwin, the then Viceroy of India to address the need for trained manpower related to mining activities in the country with disciplines of Mining and Applied Geology. In 1967 it was granted the status of a deemed to be university under Section 3 of UGC Act, 1956. Since its establishment, IIT(ISM) has undergone considerable expansion of its activities. Currently with its multi-disciplinary departments of engineering, sciences, humanities and management has emerged as one of the top technical universities in the world. The


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institute offers undergraduate and postgraduate programmes, the institute attracts the best students from the country for its bachelor's, Master's and Doctoral programmes. Research and academic programmes at IIT(ISM) Dhanbad are driven by an outstanding faculty, many of whom are reputed for their research contributions internationally.

3. This collaboration will facilitate IIT(ISM) Dhanbad and GSITI to exchange faculty and scientists in areas of common interest to impart lectures to the students and trainees. IIT(ISM) Dhanbad being degree awarding institute recognizes GSI as research institute with all its well established laboratories (geochemical, geophysical, petrological, ore geology, paleontological, geochronological, geotechnical, geoinformatics, photogeology & remote sensing etc.) located at various places. Thus both the institutes will collaborate in research of common interest and to supervise students leading to Master's and Ph. D degrees, as per rules and regulations of IIT (ISM) Dhanbad as applicable from time to time.
4. **Ph.D Research Themes:** Research themes to be jointly finalized by both the parties as per the priorities of the sponsoring organization (GSI).
5. **Ph.D Guide:** Each Ph.D theme to be supported by at least one Ph.D guide from GSI and one from IIT(ISM), Dhanbad.
6. **Research Progress Committee:** The research progress will be jointly monitored by both the parties regularly at IIT (ISM).
7. Both parties being legal entities in themselves desire to sign this MoU for advancing the interests of Earth sciences and other areas of interest. Now therefore, GSITI and IIT(ISM) Dhanbad have mutually agreed to collaborate with each other in Teaching, Research and Training in the broad areas of Earth Sciences and any other areas of mutual interest. In consideration of the mutual promises set forth in this MoU, the parties hereto agree as per following terms of collaboration:
8. **Terms of collaboration:**
 8. a) Geological Survey of India Training Institute (GSITI) and IIT(ISM) Dhanbad agree to enter into detailed agreement, with a defined objective, specifying the scope of work and mutual obligations, terms and conditions, financial arrangements, Intellectual Property Rights and similar contractual obligations.
 8. b) In case either party wins a consultancy project by projecting this MoU, a liability is created immediately in respect of royalty/premium due to either party. Either party shall concur with the liability to the extent of contribution to the output of the project. The


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exact amount of liability will be arrived at after mutual consent by both the parties based on GSITI and IIT (ISM) Dhanbad guidelines.

8. c) IIT(ISM) Dhanbad would provide provision for registration for Ph.D. and thereafter **awarding** the degree to the geoscientists of GSI as per the rules and regulations of IIT(ISM) Dhanbad.
8. d) There will be mutual academic and research interaction of the faculty of IIT(ISM)Dhanbad and GSI as per the need and specializations.
8. e) Outcome of the research work in the form of publications / thesis would be credited to both the institutes.
8. f) Technical, financial and administrative requirements which may crop out in future would be sorted out by mutual agreement of both the institutes.

9. Dispute resolution

In the event of any dispute under this MoU, authorized representatives of GSITI and IIT(ISM) Dhanbad shall meet not later than fifteen (15) working days after receipt of notice by either party of request for dispute resolution and shall enter into good faith negotiations aimed for resolving the dispute.

10. Confidentiality

10. a) All materials and information provided to a party by the other party or acquired by a party on behalf of the other party, whether oral or written recorded magnetic media, cards or otherwise, shall be regarded as confidential information in accordance with the applicable laws and ethical standards.
10. b) Each party shall take all necessary steps to safeguard the confidentiality of strategic materials or information. Neither party shall use the confidential information of the other party for purpose other than those contemplated hereunder.

11. Intellectual property


Nothing contained in this MoU shall, by express grant, implication, or otherwise create in either any right, title, interest or license in or to intellectual property (including but not limited to know-how, inventions, patents, copyright, designs, etc.) of the other party.


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12. Validity of the MoU

This MoU is valid for a period of five years with effect from the date of signing of this MoU and can be renewed further for a specified period by mutual consent. The signature of each party's duly authorized representative below shall evidence the agreement of such party that this MoU accurately summarizes its understanding with respect to the subject matter hereof.

(
16/08/18)
DEPUTY DIRECTOR GENERAL

(Vijay Kumar Chittora)

Dy. Director General &

Head, Mission –V Signed for and
behalf of GSITI)

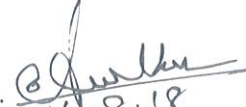
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(Shalivahan)

Professor & Dean R&D

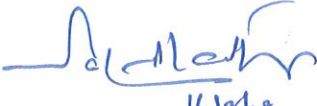
Signed for and behalf of IIT(ISM) Dhanbad


Witnesses:

1. 
16.8.18
पी.एस. अनिल कुमार
P.S. ANIL KUMAR
उप महानिदेशक
Deputy Director General

2. 
16/08/2018
डॉ. एस. रवि
Dr. S. RAVI
निदेशक, क्षेत्र. प्र. सं., द.शे.
Director, RTI, SR

Witnesses:

1. 
16/8/18
डॉ. शान्तनु भट्टाचारजी
Dr. SANTANU BHATTACHARJEE
निवेशक एवं कार्यालय अध्यक्ष
Director & Head of Office

2. 
16.8.18
बी.के. चक्रवर्ती
B.K. CHAKRABORTY
निवेशक/Director

Annexure

The terms and conditions which IIT(ISM)-Dhanbad will be adopting for GSI officers in the Ph.D Programme *inter alia* includes:

(i) **Selection Criteria:** The GSI officers will be treated as external candidates, the definition of which as per IIT(ISM)-Dhanbad includes:

- A candidate working in GSI and registered for PhD at Institute, is considered as external candidate. Such a candidate is required to stay in Institute during the course work and is expected to carry out maximum research work at his/her parent organization.
- Such a candidate must be sponsored by GSI and must have been in employment with the sponsoring organization for at least 2 years at the time of admission.
- The IIT(ISM) Dhanbad being degree awarding institute recognizes GSI as research institute with all its well established laboratories (geochemical, geophysical, petrological, ore geology, paleontological, geochronological, geotechnical, geoinformatics, photogeology & remote sensing etc.) located at various places for carrying out the research work by sponsored GSI officers.
- The GSI should also provide the biodata of the prospective external supervisor who would supervise the candidate's work at his/her organization. The external supervisor(s) will be a co-supervisor. The main supervisor will be from the IIT (ISM).

(ii) **Residency Period:** For GSI candidates enrolled in Ph.D program at IIT(ISM)-Dhanbad, the residency requirement is during the course work which can be up to two semesters. However, if a candidate clears diagnostic test then he/she can clear the course work in first semester only. Thus, for such candidates the residency requirement will be one semester only (4-6 months).

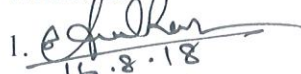
(iii) **Course Work Requirement:** Candidates joining Ph.D program after Master's are required to clear 8 courses. However, GSI sponsored candidates can be given a waiver of 3 courses after clearing of a diagnostic test.

(iv) **Fee structure:** The current fee structure for sponsored GSI candidates for Ph.D program is Admission Fee - 40,000/- (Rupees forty thousand only) at the time of admission and subsequently every year the sponsored candidates needs to pay Rs. 23,000/- (Rupees twenty three thousand only). Any subsequent changes in the fee structure of sponsored candidates will be borne by GSI.

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(Vijay Kumar Chittora)
Dy. Director General & Head, Mission – V
Signed for and behalf of GSITI
Hyderabad

(-----
(Shalivahan)
Professor & Dean R&D
Signed for and behalf of IIT(ISM)
Dhanbad

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निदेशक एवं कार्यालय अध्यक्ष
Director & Head of Office

2. 
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B.K. CHAKRABORTY
निदेशक/Director