



**MEMORANDUM OF UNDERSTANDING FOR GRANT OF IMTR AWARD
BETWEEN
IIT(ISM) AND KCTGT**

Indian Institute of Technology (Indian School of Mines), Dhanbad established in the year 1926 by His Excellency the then Viceroy of India, Lord Irwin and located at Dhanbad in the state of Jharkhand to facilitate Mining Engineering education In close interaction with the mining industry, which has been granted autonomy by Govt. of India, (hereinafter referred as "IIT (ISM)"), through its authorized signatory Prof. Sagar Pal, Dean (Research & Development), which expression unless otherwise provided, shall include its successors, executors, administrators and assigns, of the FIRST PART;

AND

KCT Group Trust, a registered Trust under the Indian Trust Act (18B2) under registration number AACTK8012E/10/16-17/T-0155, having Its office at 25 Brabourne Road, Kolkata through its authorised signatory Ms Shomasree Dey, Trustee KCTGT (herein after referred as "KCTGT", which expression shall unless repugnant to the context or meaning thereof shall mean and include its Trustees, successors, executors and permitted assigns) of the OTHER PART.

WHEREAS IIT (ISM) caters to the human resource needs of the Nation related to teaching and research in all fields of Science, Technology and Management, to include Mining, Petroleum, Fuel, Mineral & Metallurgical Engineering, Earth Sciences, Electrical Engineering, Electronics Engineering, Environmental Science & Engineering, Computer Science & Engineering, Mechanical Engineering, Chemical Engineering, Civil Engineering, Chemistry & Chemical Biology, Mathematics & Computing, Physics, Management Studies & Industrial Engineering, and Humanities & Social Sciences, with ~6100 students in a fully residential campus with 17 departments with more than 370 faculty members, and offers 32 undergraduate and post-graduate programmes.

AND WHEREAS The KCT Group Trust (KCTGT), a registered Trust under the Indian Trust Act (1882) was established on 19-02-2016, with the objective of advancement of education of poor and meritorious students of India and grant scholarships, stipends, allowances, or other financial assistance to the deserving students to enable them to receive such education/ training.

AND WHEREAS KCTGT is desirous to award seventeen (17) Research Awards to students in all academic departments in IIT(ISM) to which IIT(ISM) has agreed.

For KCT Group Trust

Trustee





NOW, THEREFORE, THIS MOU WITNESSETH AS UNDER:

I. The number and amounts of awards and the branches of study can be modified subsequently once the Research Award process runs smoothly and KCTGT is able to raise enough funds to fund the Research Awards. KCTGT shall have the right to revoke the award at any time or KCTGT may unilaterally discontinue the awards at any time.

II. Broad guidelines for the management of IMTR awards are provided below:

1) Name of the Award: **Inder Mohan Thapar Research (IMTR) Award**

2) Number of Awards proposed: **17 (one each from the academic departments)**


- a. Chemistry & Chemical Biology
- b. Applied Geology
- c. Applied Geophysics
- d. Mathematics & Computing
- e. Physics
- f. Chemical Engineering
- g. Civil Engineering
- h. Computer Science and Engineering
- i. Electrical Engineering
- j. Electronics Engineering
- k. Environmental Science and Engineering
- l. Fuel, Mineral and Metallurgical Engineering
- m. Humanity and social sciences
- n. Management Studies & Industrial Engineering
- o. Mechanical Engineering
- p. Mining Engineering
- q. Petroleum Engineering

3) **Inder Mohan Thapar Research (IMTR) Award:** Citation and a cash prize of Rs. 30,000/- each to the academic departments, as mentioned above

4) Applicants' categories:

Undergraduate, Post-graduate and Research scholars along with their respective teachers engaged in undertaking world class research in their selected subjects.

5) **Age limit:** There will be no age limit

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6) Areas:

- a. Chemistry & Chemical Biology
- b. Applied Geology
- c. Applied Geophysics
- d. Mathematics & Computing
- e. Physics
- f. Chemical Engineering
- g. Civil Engineering
- h. Computer Science and Engineering
- i. Electrical Engineering
- j. Electronics Engineering
- k. Environmental Science and Engineering
- l. Fuel, Mineral and Metallurgical Engineering
- m. Humanity and social sciences
- n. Management Studies & Industrial Engineering
- o. Mechanical Engineering
- p. Mining Engineering
- q. Petroleum Engineering

7. Criteria for Inder Mohan Thapar Research Award:

- a. The IMTR Award is applicable to the full-time students enrolled in the Institute till 31st December of the year.
- b. The publication must be in SCOPUS and/or SCI/SCI expanded database. The cumulative impact factor of the papers published by the respective applicant will form the selection criteria. In case of papers published in the SCOPUS database (and not in SCI/SCI extended), the impact factor weightage will be 50%.
- c. All papers including print or online with volume and page number will only be considered.
- d. The students (in the roll of the Institute) should submit application through his/her mentor/guide enclosing their research publications already published in the last calendar year with information to all the Authors latest by 31st January of the succeeding year.
- e. Only one application per student will be considered.
- f. If anyone of the selected research papers do not meet stipulated standards, KCTGT reserves the right to not present the IMTR Award for that specific discipline.
- g. IMTR Award will be hosted in the R&D page of IIT (ISM) website mentioning the guidelines for the award. Further, the selected papers for the award along with a photograph of the Awardees with due acknowledgement to KCTGT shall be

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published as a news item on the IIT (ISM) website.

8. Selection Methodology:

- a. The selection will be done by a committee duly constituted by the Competent Authority (preferably consisting of Dean (Research & Development) as Chairman, Dean (international Relations & Alumni Affairs), Associate Dean (Post Graduate), as members; and one representative from sponsor of the Research Award i.e. KCTGT]
- b. Selection of the papers will be based on the cumulative impact factor of the applicant in each discipline.
- c. The composition of the Selection Committee may be modified in consultation with the sponsor
- d. The selection of the IMTR awardee under the various categories by the Selection Committee shall be final and binding and shall not be open to challenge before any court or competent forum by any student or entity.
- e. The selection of the awardee shall be free from any favoritism or biasness and shall be judged purely on the academic /cumulative impact factor of the papers published by the applicants.

9. Monitoring and Evaluation:

- a. KCTGT would like an update on the research paper 6 months-1 year after publication to understand the progress and application of the research through its citation, patent, if any.

10. Declaration and Distribution of Award:

- a. The result of the selection will be declared by the end of February each year and the award will be given on foundation day of the institute or on the occasion of any significant event of the institute.

11. Fund Management:

- a. KCTGT will transfer Rest. 5,10,000/- (Rs. Five Lakhs Ten Thousand Only) every year to IIT(ISM) Account by 31st December of every year. A report on the awardees and utilization of funds shall be communicated by AR (SW&I), IIT(ISM) to KCTGT by 30th April of the next year.
- b. That this MOU is being executed in two copies and each party shall retain one

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Trustee





- copy each.
- c. This MOU supersedes all the previous MOUs, agreements, or addenda relating to the IMTR Award and by execution of this MOU all or any previous MOUs executed between the Parties with respect to the IMTR Award stands cancelled.
 - d. This MOU is entire in itself and cannot be changed orally. No modification waiver or amendment of this MOU shall be binding unless communicated in writing and signed by KCTGT.
 - e. IIT [ISM] confirms and undertakes to indemnify, defend, and hold KCTGT harmless from any loss, liabilities, claims, actions, damage or cost, including attorney's fees that the KCTGT becomes liable for, by reason of breach of any terms and covenants contained herein.
 - f. IIT [ISM] shall keep and maintain Confidentiality of the terms and conditions of this MOU and shall not share any information with any third party regarding the terms and conditions of this MOU without prior written consent of the KCTGT.
 - g. IIT [ISM] agrees and understands that KCTGT reserves its right to revise/revoke the Award, or the cash prize amount granted under the Award at its own discretion anytime during the MoU period and/or any extension thereof.

IN WITNESS WHEREOF, THE PARTIES HAVE SET THEIR RESPECTIVE HANDS ON THIS

THE 1st DAY OF December 2022 AT Mumbai & Dhanbad

For and on behalf of KCTGT

For KCT Group Trust

Shomasree Dey

Name: Ms. Shomasree Dey
Trustee, KCT Group Trust
KCT Group, Thapar House
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For and on behalf of IIT(ISM)

Sagar Pal
Name: Sagar Pal

Designation: Dean (Research and Development)
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Sagar
Dean (Research & Development)
Indian Institute of Technology
(Indian School of Mines)
Dhanbad - 826004 (INDIA)

Witness:

1. *[Signature]*

1.

[Signature]

Dr. Ravi Kumar Gangwar
Associate Dean (R&D)