



Office of International Relations
Indian Institute of Technology Kharagpur
Kharagpur – 721 302



Ref: 1865/2023/OIR

Date: 11.05.2023

NOTE

Sub: Request for Approval for Renewal of the MoU with University of Catania, Italy

IIT Kharagpur and University of Catania, Italy wish to renew the MoU which was first signed in 2018.

To this end, a draft Memorandum of Understanding (MoU), was placed for the MoU committee's review on March 09, 2023. Given the activities that have been engendered under the MoU, the committee approved the renewal.

The draft MoU, Activity report and supporting email correspondence is placed for your consideration and approval. It is also requested that Director be the signatory of the MoU.

This is placed for your kind consideration and approval.



For (A)?

Associate Dean IR&R

Dean OR&AA

Deputy Director

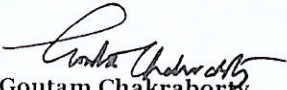
Director

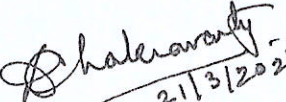
Associate Dean (IR&R)
Please respond.
5/5/23

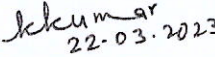
1. For Univ. B
2. What is the ranking of this Univ.?
Pl. discuss

Kindly Note: Keeping in mind environmental concerns, the supporting documents have been printed on recycled paper.


3. SEA Renewal with Curtin University: Prof. Goutam Chakraborty, ADeanIR
Resolution: The committee approved the renewal of the JDP Agreement.
4. MoU Renewal with University of Auckland : Prof. Goutam Chakraborty, ADeanIR
Resolution: The committee recommended that since a significant amount of activity has not been engendered under the MoU, an in-principle approval of the Director be taken before placing it to the MoU committee. Associate Dean IR is requested to obtain the in-principle approval.
5. MoU Renewal with University of Tokyo: Prof. Goutam Chakraborty, ADeanIR
Resolution: The committee approved the renewal of the JDP Agreement
- (B) 6. MoU Renewal with University of Catania: Prof. Manish Mamtani, GG
Resolution: The committee approved the renewal of the MoU Agreement
7. New MoU with Ram and Mithilesh Gupta Foundation (RMGF): Prof. Shailendra Kumar Varshney, Chairman, PGAL
Resolution: The committee noted that if RMGF is not registered in India then the signing of the MoU should be undertaken with the Foundation. It was further recommended that the Finance section of the MoU be reviewed by the Registry and it be conveyed to RMGF that it provides payment for 01 year in advance towards the support to one senior executive as mentioned in the draft MoU. There must also be further details of RMGF in the Preamble section of the MoU.
- (A) 8. New MoU with Partha Ghosh Academy & Rishihood: Prof. Shailendra Kumar Varshney, Chairman, PGAL
Resolution: Since the committee sees no justification in signing this MoU, the committee recommended that Chairman PGAL conveys to the concerned party that IITKGP can help with its expertise on a case-by-case basis and that all activities can take place without signing MoUs.


Goutam Chakraborty
Associate Dean, IR (Secretary & Convener)


21/3/2023
Debashish Chakravarty
Associate Dean, AA & Branding


22-03-2023
Krishna Kumar
Dean, FoS

Absent
Chandan Chakraborty
Dean, R&D


22/3/23
M. Ramgopal
Dean, FoEA

Absent
Saswat Chakraborty
Dean, FoBTBS

Absent
Jayanta Mukhopadhyay
Dean, OR


22/3/23
Amit Patra
Chairman, MoU Committee

Office of International Relations

IIT Kharagpur

MoU Activity Report – 2023

Name of Institute/Organization	Universita Degli Studi Di Catania (Italy)		
Name of IITKGP coordinator	Manish A. Mamtani		
Date of signing:	31.01 2018	Date of expiry:	2023

Activities undertaken in the duration of the MoU

- **Student Exchange program:**

One student (Damiano Russo) visited IIT Kharagpur for a period of 3 months in 2022 to do a part of his doctoral research work.

- **Research Collaborations:**

(1) Prof. Mamtani was appointed joint PhD supervisor of the doctoral research of Damiano Russo from University of Catania (Italy), which was formally approved by IIT Kharagpur administration.

(2) The following joint research papers were published with the group in Catania:

- Russo, D., Fiannacca, P., Fazio, E., Cirrincione, R., **Mamtani, M.A.** (2022). From floor to roof of a batholith: geology and petrography of the north-eastern Serre Batholith (Calabria, southern Italy). *Journal of Maps*, <https://doi.org/10.1080/17445647.2022.2149358>.
- Fiannacca, P., Russo, D., Fazio, E., Cirrincione, R., Mamtani, M.A. (2021). Fabric analysis in upper crustal post-collisional granitoids from the Serre Batholith (southern Italy): results from microstructural and AMS investigations. *Geosciences*, 11, 414. <https://doi.org/10.3390/geosciences11100414>.
- Russo, D., Fiannacca, P., **Mamtani, M.A.**, Fazio, E., Cirrincione, R. (2022). Cittanova pluton and Serre Batholith: answers to unsettled questions on the southernmost sector of the Serre Massif (Southern Italy) from field and AMS data. Abstract: *Geosciences for a Sustainable Future*, Congress organized by *Società Geologica Italiana (SGI)* and *Società Italiana di Mineralogia e Petrologia (SIMP)*, 19-21 September 2022, Turin (Session-12/17).
- Russo, D., Fiannacca, P., **Mamtani, M.A.**, Fazio, E., Cirrincione, R. (2022). A combined field, microscopic and magnetic approach to infer structural evolution mechanisms of the upper crust: an example from Serre Massif (southern Italy). Abstract: *Geosciences for a Sustainable Future*, Congress organized by *Società Geologica Italiana (SGI)* and *Società Italiana di Mineralogia e Petrologia (SIMP)*, 19-21 September 2022, Turin (Session-41/6).
- Russo, D., Fiannacca, P., **Mamtani, M.A.**, Fazio, E., Cirrincione, R. (2022). Insights from AMS study on tectonic evolution of the Serre Batholith (Southern Italy). *23rd International Conference on Deformation Mechanisms, Rheology and Tectonics (DRT)*, Catania (Italy); p. 117.

**MEMORANDUM OF UNDERSTANDING FOR INSTITUTIONAL
COLLABORATION
BETWEEN
INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR (IITKGP),
AND
UNIVERSITÀ DEGLI STUDI DI CATANIA, ITALY (UNICT) through the
Department of Biological, Geological and Environmental Sciences**

Preamble

Indian Institute of Technology Kharagpur (IITKGP) is a reputed institution of higher learning situated at Kharagpur, India, 721302

UNIVERSITÀ DEGLI STUDI DI CATANIA, ITALY (UNICT) **through the Department of Biological, Geological and Environmental Sciences** is the oldest University in Sicily (Italy).

IITKGP and UNICT have agreed for institutional collaboration in education and research. The primary objective is to promote interaction and collaboration between faculty, staff and students of the two institutions through visits and exchange programmes, carry out joint academic and research programmes, joint supervision of doctoral and masters students on a reciprocal basis. The relationship also aims at enhancing the technological, social and cultural relations of both countries/states/regions. This document presents a general framework for such a relationship. It also includes some specifically identified areas of cooperation, which may be updated from time to time.

Coordination

Professor Rosolino Cirrincione shall be the Coordinator from UNICT and Professor Manish A. Mamtani shall be the Coordinator from IITKGP. The participants and Coordinators may change from time to time as decided by appropriate authority of the respective institutions.

Scope of Cooperation

The following areas of cooperation have been identified under this agreement.

- (i) Faculty exchange programme: The two parties will explore opportunities for interaction among members of faculty as well as creating Visiting Faculty positions. The total duration of visits from each side is expected to be approximately equal. Each such visit shall require approval of the respective institutions.
- (ii) Student exchange programme: The two parties agree to participate in student exchange programme at the respective institutions. Visits under such programmes may be for a short duration, such as summer/winter terms or short courses, or for a longer duration not exceeding two semesters. For visits exceeding two semesters separate approvals will be

needed. A detailed proposal document on this (including credit transfer issues) has to be approved by the highest academic bodies of the two institutions before implementation.

- (iii) Joint research projects: The two parties will explore opportunities of undertaking joint research projects and may seek research funding from external funding agencies. Each such research proposal shall require approval of the respective institutions.
- (iv) Coordinated graduate degree programme: Joint PhD/Masters programmes may be explored and formulated, possibly in association with other reputed academic, research or industrial organisations. A detailed document related to such programmes will be required and approved by the competent authorities of both the institutions, before implementation.
- (v) Joint academic activities and events: IITKGP and UNICT may formulate joint academic activities such as short course, seminars, workshops or conferences based on mutual interests and available expertise in both the institutions. They may also share and carry out joint research in technology for distance and computer-based learning.

The areas of cooperation may be revised by mutual consent. However, specific programmes may require separate agreements detailed out and documented as annexures to this MoU.

Intellectual Property

Each institution will adhere to the intellectual laws of its nation. Intellectual property developed during the visit of an exchange student/researcher/faculty/staff will be governed by the rules of the host institute unless otherwise specified. The two institutions shall jointly own results of clearly defined collaborative projects and exchange programmes. This joint ownership also entitles each party to explore commercialization. However, transfer of jointly developed technology and associated sharing of revenue shall be governed by a separate agreement.

Furthermore, if one institution receives any information from the partner under a clearly defined non-disclosure agreement, necessary and reasonable care will be taken to protect the intellectual property received.

Financing

The two institutions will consider allocating seed money to initiate this partnership. In addition they will also approach their own governments, international funding agencies and industries. Special attention will be given to obtain funded projects from industry as well as from alumni to support such collaborations.

Both institutes will provide tuition fee waivers to the visiting students. If possible, the host institute will make arrangements for local living including accommodation, food, insurance etc. at reasonable costs to visiting students and faculty. All travel costs shall be borne by the

visitors or their home institution. However, various external funding sources may be explored either independently or jointly.

Legal Status

This document is a statement of intent to foster genuine and mutually beneficial cooperation and is not legally binding on both the parties. Any disputes shall be resolved through mutual discussion.

Validity

This agreement is valid for an initial period of five years and becomes effective from the date it is signed by the partners. The partnership period may be extended by written mutual consent. In case one partner wishes to terminate the MoU, intimation will have to be sent at least six months in advance. However, specific commitments made prior to such intimation shall be honoured by both the partners.

Prof. Francesco Priolo
Rector
University of Catania, Italy

Prof. Virendra Kumar Tewari
Director
Indian Institute of Technology Kharagpur
India

Date : _____

Date : _____

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Prof. Francesco Priolo
Rector
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Prof. Virendra Kumar Tewari
Director
Indian Institute of Technology Kharagpur
India

Date : _____

Date : _____

**Draft Template of
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that will be agreed upon. Both universities undertake to seek funding and other forms of support for students and teachers who will participate in the exchange.

Legal Status

Any disputes shall be resolved through mutual discussion. Any academic dispute on the interpretation and implementation of this agreement may be subject to examination by an Academic Commission consisting of a representative of each party and one chosen by common accord.

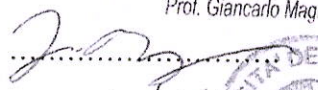
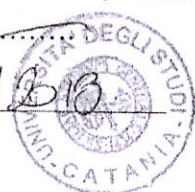
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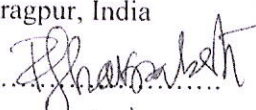
Prof. Francesco Basile
Rector

Università degli Studi di Catania
IL PRORETTORE
Prof. Giancarlo Magnano San Lio


Date : 11/1/18


Prof. Partha Pratim Chakrabarti
Director

Indian Institute of Technology Kharagpur
Kharagpur, India


Date : 31/1/18