



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



Ref: 1473/2022/OIR

Date: 29.03.2022

**Sub: Request for approval for signing the MoU with National Yang Ming Chiao Tung University, Taiwan**



IIT Kharagpur and National Yang Ming Chiao Tung University, Taiwan desire to sign an Institutional MoU between the two Institutes in the field of academic and research collaboration.

To this end, the draft Understanding was placed at the MoU committee meeting on August 12, 2021. The Committee approved the draft in principle but suggested few modifications to the draft, which have been accepted by NYCU. The final draft is now being placed for Director's kind approval. The MoU is proposed to be signed by the Director, IIT Kharagpur.

The approved draft and minutes of meeting are enclosed for your kind consideration and final approval.

Associate Dean IR

Dean Outreach

Deputy Director

Director 01.04.2022

Pl. prepare a fresh document for  
signature

Document Signed

09.04.2022

# **Memorandum of Understanding**

Between

## **Indian Institute of Technology Kharagpur, India**

And

## **National Yang Ming Chiao Tung University, Taiwan**

Indian Institute of Technology Kharagpur (IITKGP), India and National Yang Ming Chiao Tung University (NYCU), Taiwan, recognizing the benefits to their respective universities from the establishment of international links, hereby conclude this Agreement.

1. The purpose of this Agreement is to promote international understanding and collaboration between the two universities with regard to educational, research and professional activities.
2. Both universities agree to develop the following collaborative activities in academic areas of mutual interest, on a basis of equality and reciprocity.
  - (1) Exchange of staff and researchers
  - (2) Student exchange program
  - (3) Dual/Joint degree program
  - (4) Conducting collaborative research projects
  - (5) Conducting lectures and organizing symposia and conferences
  - (6) Exchange of academic information and materials
  - (7) Jointly appointing professor and faculty
  - (8) Promoting other academic cooperation as mutually agreed
3. It is understood that the implementation of any types of cooperation stated in clause 2 shall depend upon the availability of resources and financial support at the universities concerned. A detailed agreement shall be further concluded by both Parties for the implementation of student exchange program and dual degree program.
4. Both institutions acknowledge that the visit by staff from one institution to the other shall be subject to the entry and visa regulations of India and Taiwan and shall comply with the regulations of Indian Institute of Technology Kharagpur and NYCU

5. Both institutions agree not to discriminate against any person because of age, sex, national origin, race, ancestry, color, religious creed disability or handicap, and sexual orientation. Neither institution shall impose criteria for the exchange of faculty, staff and students that would violate the principles of non-discrimination.
6. Visiting student and faculty will abide by the codes of conduct of the host Institution.
7. Both institutions agree that all expenses, including research material, international and domestic travel, per diem, honoraria and all other costs shall be the responsibility of the home institution unless stated otherwise. However, each side will do its utmost to make available institutional accommodation and office space to visiting research staff.
8. Any collaborative arrangements set up under the framework of this MOU will be the subject of specific formal agreements addressing intellectual property rights and other matters. In the event that subsequent agreements are signed by each institution to govern specific collaborative research and training projects, then the terms and conditions of these agreements will supplement this MOU and in case of conflict an agreement will prevail over this MOU.
9. This MOU does not constitute, nor is it intended to be, a legally binding contract between the institutions.
10. This Agreement may be amended or modified by a written agreement signed by the representatives of both universities.
11. This Agreement shall take effect for a period of five (5) years from the date of last signature by the duly representatives of both universities. This Agreement may be renewed after being reviewed and renegotiated by both universities.
12. Either university may, by notice in writing of no less than six (6) months, terminate this Agreement. The exchange activities which have been commenced under this Agreement shall not be affected by the termination thereof.

On behalf of IIT Kharagpur  
Director,



.....  
Prof. Virendra Kumar Tewari

Date: 18.04.2022

On behalf of NYCU  
President,

.....  
Dr. Chi-Hung Lin

Date: .....



**Office of International Relations**  
**Indian Institute of Technology Kharagpur**

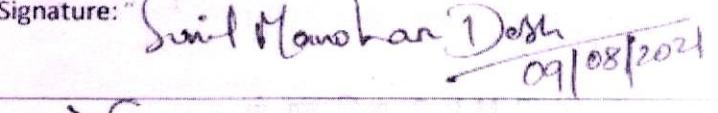
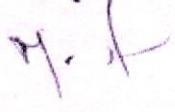
**Proposal for entering into an institutional MoU with a national/international  
partner university/ institution/ organization**

*Instructions:*

Please submit the signed hardcopy along with supporting documents to Dean IR

Please email scanned copy of this form along with softcopies of supporting documents to:  
[moutrack@adm.iitkgp.ac.in](mailto:moutrack@adm.iitkgp.ac.in), [aeanir@adm.iitkgp.ac.in](mailto:aeanir@adm.iitkgp.ac.in)

|  |  |
|--|--|
| Name and address of proposed partner   | National Chiao Tung University<br><b>(New Name: National Yang Ming Chiao Tung University, NYCU)</b><br>1001 University Road, Hsinchu, Taiwan 300, ROC  |
| National / international standing of proposed partner                              | University Ranking<br>QS Global # 240 (2021)<br>QS Asia # 46 (2021)<br>THE Asia # 89 (2020)  |
| Extent of past / ongoing collaborations between IIT Kharagpur and proposed partner | <ol style="list-style-type: none"><li>1. Faculties from NYCU, Taiwan, have visited IIT Kharagpur for Invited talks</li><li>2. Faculties from IIT Kharagpur have visited NYCU, Taiwan, for Invited talks</li><li>3. Students from IIT Kharagpur have visited NYCU, Taiwan, for summer internships</li><li>4. Joint supervision of Ph.D. students</li><li>5. Joint conference and journal publications</li><li>6. Participated in the international research project funding calls</li></ol> |
| Expected activities in the next 3 years if MoU is signed                           | <ol style="list-style-type: none"><li>1. Joint supervision of Ph.D., Masters, and other Research students</li><li>2. Short-term student exchange (summer/winter internship, one-semester project study)</li><li>3. Faculty interactions and visits (two-three weeks)</li><li>4. Developing collaborative research facilities</li><li>5. Joint journal, conference, and patent publications</li><li>6. Jointly participate in the international research project funding calls</li></ol>    |

|   |   |
|---|---|
| How the MoU will benefit IIT Kharagpur  | <ol style="list-style-type: none"> <li>1. Improve the international university relationship</li> <li>2. International exposure of the students and faculties</li> <li>3. Collaborative, cutting-edge research activities</li> <li>4. Joint journal, conference, and patent publications</li> </ol>  |
| Does the proposed partner have an MoU with any other IIT? If yes, please give details | Yes/No IITK, IITD, IITM   |
| Has the proposed partner accepted IIT Kharagpur's standard MoU template?              | Yes/ No   |
| If No above, has the proposed partner suggested any MoU draft? If yes, please attach  | Yes/No  |
| MoU proposed by (Name, Designation and Signature of Proposing Faculty)                | <p>Name: Dr. Sunil Manohar Dash<br/>       Designation: Assistant Professor<br/>       Affiliation: Indian Institute of Technology Kharagpur<br/>       Email: <a href="mailto:smdash@aero.iitkgp.ac.in">smdash@aero.iitkgp.ac.in</a><br/>       Phone: 03222-28451, 9958673652 (M)</p> <p>Signature: </p> <p></p> |
| Recommended by Head/Dean (Signature with date and seal)                               |   |
| Forwarded by Dean IR  |   |
| Approval by DD for placing at MoU Committee   |   |
| OIR Notings   |   |

**Memorandum of Understanding**  
**Between**  
**Indian Institute of Technology Kharagpur, India**  
**And**  
**National Yang Ming Chiao Tung University, Taiwan**

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On behalf of IIT Kharagpur  
Director,

.....  
Prof. Virendra Kumar Tewari

Date: .....

On behalf of NYCU  
President,

.....  
Dr. Chi-Hung Lin

Date: .....

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On behalf of IIT Kharagpur  
Director,

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Prof. Virendra Kumar Tewari

Date: .....

On behalf of NYCU  
President,

.....  
Dr. Chi-Hung Lin

Date: .....



Date: 24.8.2021

**Subject: Minutes of the MoU Committee Meeting Dated 12<sup>th</sup> August, 2021.**

The MoU Committee comprising the undersigned members met on August 12, 2021 through Online Mode. The minutes and resolutions of the meeting are as under.

|                             |   |
|-----------------------------|---|
| Prof. Amit Patra            | Chairman, MoU Committee   |
| Prof. Jayanta Mukhopadhyay  | Dean OR   |
| Prof. V.R. Desai            | Dean, FoEA  |
| Prof. G.P. Raja Sekhar      | Dean, FoS ( <i>represented by Prof. J.K. Dey, Associate Dean, FoS</i> ) |
| Prof. Saswat Chakraborty    | Dean, FoBTBS  |
| Prof. Suman Chakraborty     | Dean, SRIC (ABSENT)   |
| Prof. Surjya Kanta Pal      | Associate Dean, AA& Branding (ABSENT)                                   |
| Dr. Anandaroop Bhattacharya | Associate Dean, IR& Ranking (Secretary & Convener)                      |

The Meeting's agenda included the following:

**i. Reporting items (since last meeting)**

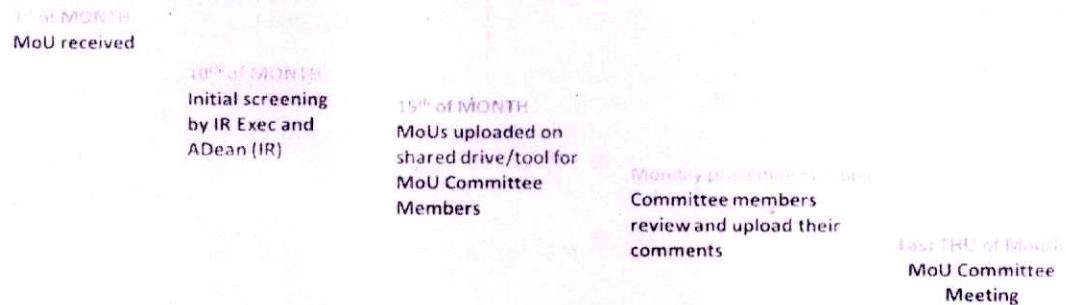
The following documents were signed since the last MoU meeting.

- a. JDP with Curtin University (renewal) – coordinated by Dean OR and Associate Dean, IR&R
- b. MoU with Power Grid Corporation India Ltd. – coordinated by Prof. S. Mukhopadhyay, Head EE Dept.

**ii. Rhythm of MoU Committee meeting - proposal for review**

In order to streamline the process of review of MoU/SEA/JDP and facilitate timely deliberations, Associate Dean IR & Ranking proposed a monthly rhythm of MoU Committee meetings whereby committee will meet on last Thursday of every month. MoUs received from coordinators by the 1<sup>st</sup> of the month will be taken up for review in that month's meeting. Further, the MoUs will be uploaded in a shared drive by 15<sup>th</sup> of the month so that the committee members can review them and come prepared with their views and comments.

No requests for out of cycle processing will be entertained unless they are of critical nature and comes from Director of Dy. Director.



The MoU committee approved the plan. Accordingly, the next MoU Committee meeting will be held on 30-Sep-2021.

### iii. University selection of JDP/SEA

Following up on the discussion from the MoU Committee meeting held in July 2021, Associate Dean IR & Ranking presented an objective framework for evaluation of new partner universities for SEA and Joint Degree Programmes based on the following 3 major parameters and sub-parameters within.

- University Reputation – *QS WUR and subject ranking*
- Track record of prior collaboration with IITKGP – *Joint projects (including SPARC), Jointly offered courses/workshop/symposia, Visits of faculty and students, GIAN courses, etc.*
- Financial support offered to visiting students (SEA and JDP)

The committee proposed to include joint publications under (b) above. As a trial, it was proposed to evaluate the existing Joint Degree partner universities to see how they score in this framework.

#### Action Items:

- MoU and SEA with **Univ. of Torino, Italy**: Prof. Manish Mamani, GG

**Resolution:** The committee recommended that the MoU may be signed in the field of Applied Geology. The MoU cover form with the history of collaboration between the proposed partners along with the list of planned activities in the next 3-5 years may be provided for records and for future review and renewal of the MoU. The MoU is approved in principle.

**SEA:** The committee agreed that in the light of the pandemic situation, where international travel is restricted and IITKGP's new academic curriculum, the draft SEA may be put on hold until the time there is a genuine interest from a student to engage in the student exchange program. When such an interest is observed, the SEA may be enabled to allow for exchange visits to take place.

- MoU Renewal with **Indian Council of Medical Research ICMR**: Dr. Debdoot Sheet, EE

**Resolution:** The committee recommended the renewal of the MoU with necessary modifications. The scope of the MoU may be modified to include proposed activities between IITKGP and ICMR over the next 5 years.

The committee also recommended that Prof. Sheet provide

- a. documentary evidence that ICMR is interested in renewing the MoU.
- b. MoU cover form with the history of collaboration between the proposed partners along with the list of planned activities in the next 3-5 years

The MoU is approved for renewal.

3. JDP Renewal with **University of Wollongong**: Prof. Jayanta Mukhopadhyay/Dr. Anandaroop Bhattacharya, Dean OR/ADean IR&R

**Resolution:** The document was approved in principle by the committee in Oct 2020 subject to a final review by Dean IR, Dean PGS&R and ADean IR, which was subsequently done in 2020. With the new administrative structure in place, the committee requested that Associate Dean IR & Ranking and Prof. M. Ramgopal, Associate Dean FoE&A review the draft and place it for preliminary approval from Chairman, Senate.

The new evaluation framework may be applied as a pilot study and results/scores reported in next MoU Committee meeting.

4. MoU Renewal with **University of Lille, Polytech Lille**: Prof. A.K Samantaray, ME

**Resolution:** The committee recommended that the MoU cover form with the history of collaboration between the proposed partners along with the list of planned activities in the next 3-5 years may be provided for records and for future review and renewal of the MoU.

The MoU is approved in principle.

**SEA:** The committee agreed that in the light of the pandemic situation, where international travel is restricted and IITKGP's new academic curriculum, the draft SEA may be put on hold until the time there is a genuine interest from a student to engage in the student exchange program. When such an interest is observed, the SEA may be enabled to allow for exchange visits to take place.

5. New MoU with **IPV Angle Network**: Dr. Mrigank Sharad, RMSoEE

**Resolution:** The proposed draft was deliberated in detail especially on the benefits to IIT Kharagpur and whether an MoU is required to be signed for the proposed activities.

Dr. Mrigank Sharad was advised to re-draft the MoU clearly stating the benefits to IIT Kharagpur and get it reviewed in RMSoEE first. Further, the term "partnership" should not be used. A modified version needs to be presented to the Committee for further review.

6. New MoU with **NVIDIA, Corp.**: Dr. Somnath Roy, ME

**Resolution:** The committee deliberated over the draft and recognized the utility of entering into this MoU with NVIDIA. However, the following modifications were suggested on the MoU.

- a. The language of the MoU be modified to suit the perspective of an academic institution
- b. The benefits to IITKGP should be clearly spelt out.
- c. The use of the term "Centre" should be avoided since it has a different connotation in IITKGP.

The committee also recommended that Prof. Sheet provide

- a. documentary evidence that ICMR is interested in renewing the MoU.
- b. MoU cover form with the history of collaboration between the proposed partners along with the list of planned activities in the next 3-5 years

The MoU is approved for renewal.

3. JDP Renewal with **University of Wollongong**: Prof. Jayanta Mukhopadhyay/Dr. Anandaroop Bhattacharya, Dean OR/ADean IR&R

**Resolution:** The document was approved in principle by the committee in Oct 2020 subject to a final review by Dean IR, Dean PGS&R and ADean IR, which was subsequently done in 2020. With the new administrative structure in place, the committee requested that Associate Dean IR & Ranking and Prof. M. Ramgopal, Associate Dean FoE&A review the draft and place it for preliminary approval from Chairman, Senate.

The new evaluation framework may be applied as a pilot study and results/scores reported in next MoU Committee meeting.

4. MoU Renewal with **University of Lille, Polytech Lille**: Prof. A.K Samantaray, ME

**Resolution:** The committee recommended that the MoU cover form with the history of collaboration between the proposed partners along with the list of planned activities in the next 3-5 years may be provided for records and for future review and renewal of the MoU.

The MoU is approved in principle.

**SEA:** The committee agreed that in the light of the pandemic situation, where international travel is restricted and IITKGP's new academic curriculum, the draft SEA may be put on hold until the time there is a genuine interest from a student to engage in the student exchange program. When such an interest is observed, the SEA may be enabled to allow for exchange visits to take place.

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Dr. Mrigank Sharad was advised to re-draft the MoU clearly stating the benefits to IIT Kharagpur and get it reviewed in RMSoEE first. Further, the term "partnership" should not be used. A modified version needs to be presented to the Committee for further review.

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**Resolution:** The committee deliberated over the draft and recognized the utility of entering into this MoU with NVIDIA. However, the following modifications were suggested on the MoU.

- a. The language of the MoU be modified to suit the perspective of an academic institution
- b. The benefits to IITKGP should be clearly spelt out.
- c. The use of the term "Centre" should be avoided since it has a different connotation in IITKGP.

Dr. Roy is requested to work on the above suggestions and present the committee with a modified version in due course for further review. Once the committee approves the modified draft, the Non-Disclosure Agreement may be reviewed by SRIC Legal.

7. MoU and JDP with **Deakin University, Australia**: Dr. Sourangshu Bhattacharya, CSE

**Resolution:** The new evaluation framework may be applied for Deakin University and results/scores reported in next MoU Committee meeting, based on which a decision may be taken on whether to go for a JDP with them. In-principle approval of Chairman, Senate will have to be taken.

The MoU is put on hold until the decision on the JDP Agreement is taken.

8. MoU Renewal with **National Yang Ming Chiao Tung University ("NYCU")**, earlier known as **National Chiao Tung University, Taiwan**: Dr. S.M. Dash, Aerospace Engineering Dept.

**Resolution:** The MoU is approved in principle. The modifications may be forwarded to NYCU for concurrence upon which, the MoU may be placed for signatures.

  
Anandaroop Bhattacharya  
Associate Dean, IR (Secretary &  
Convener)

ABSENT  
Surjya Kanta Pal  
Associate Dean, AA

  
J.K. Dey  
G.P. Raja Sekhar  
Associate Dean, FoS

  
Jayanta Mukhopadhyay  
Dean OR

ABSENT  
Suman Chakraborty  
Dean, SRIC

  
V.R. Desai  
Dean, FoEA

Amit Patra  
Dy. Director  
Chairman, MoU Committee