

**MEMORANDUM OF UNDERSTANDING FOR INSTITUTIONAL COLLABORATION
BETWEEN
CENTRE FOR EDUCATIONAL TECHNOLOGY, INDIAN INSTITUTE OF TECHNOLOGY
KHARAGPUR (IITKGP)
AND
GRADUATE INSTITUTE OF SCIENCE EDUCATION, NATIONAL TAIWAN NORMAL
UNIVERSITY**

Preamble

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

Graduate Institute of Science Education, National Taiwan Normal University (GISENTNU) is a reputed institution of higher education situated at Taipei, Taiwan-106

IITKGP and GISENTNU 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

Dr. Kaushal Kumar Bhagat shall be the Coordinator from IIT KGP and **Professor Fang-Ying Yang** shall be the Coordinator from GISE of NTNU. 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 MOU.

- (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 GISENTNU 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 including the above ones require separate agreements detailed out and documented as annexures to this MOU before implementation.

Non-discrimination

IITKGP and GISENTNU 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.

Code of Conduct

Visiting student and faculty will abide by the codes of conduct of the host Institution.

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 exchange students. The host institute will seek reasonable assistance in arranging 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 and Termination

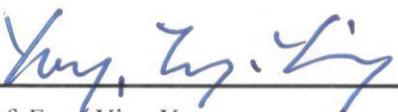
This agreement is valid for an initial period of five years and becomes effective from the date it is signed by the partners. The partnership period may be extended by mutual consent.

This agreement may be terminated:

- a. on either party giving the other party 6 months' prior written notice;
- b. on written notice by one of the Parties if the other Party has committed a breach of this agreement.

However, specific commitments made prior to such intimation shall be honoured by both the partners including ensuring that any student at that time participating in the programme is able to complete the term of the assignment and be assessed for it.

Authorized to sign and on behalf of
Graduate Institute of Science Education
National Taiwan Normal University

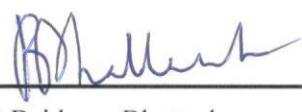


Prof. Fang-Ying Yang

Director of Graduate Institute of Science Education

Date: July 4, 2019

Authorized to sign and on behalf of
Centre For Educational Technology,
Indian Institute Of Technology, Kharagpur



Prof. Baidurya Bhattacharya,

Dean, International Relations

Date: 8/8/19