

MEMORANDUM OF UNDERSTANDING
FOR INSTITUTIONAL COLLABORATION
BETWEEN
INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR (IITKGP),
KHARAGPUR, INDIA
AND
THE OHIO STATE UNIVERSITY (OSU), COLUMBUS, OHIO, USA

Preamble

In accordance with a mutual desire to promote further cooperation in higher education between the United States of America and India, the Indian Institute of Technology Kharagpur (hereinafter, IITKGP), Kharagpur, India, and The Ohio State University on behalf of its College of Engineering (hereinafter OSU), Columbus, Ohio, USA enter into this formal agreement for the purpose of educational and cultural exchange.

IITKGP and OSU 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 Carol Smidts shall be the Coordinator from OSU and Professor Neeraj Kumar Goyal 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 prior written approval of the respective institutions.
- (ii) Student exchange programme: The two parties agree to explore the possibility of establishing a 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. However, for visits

exceeding two semesters separate written agreements 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. (Student exchanges shall require separate written agreements between the parties.)

- (iii) Joint research projects: The two parties will explore opportunities of undertaking joint research projects in the area of software dependability and may seek research funding from external funding agencies. Each such research proposal shall require separate written approval of the respective institutions.
- (iv) Coordinated graduate degree programme: Dual PhD/Masters programmes may be explored and formulated, possibly in association with other reputed academic, research or industrial organizations. A detailed, separate agreement 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 OSU 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.

It is understood that the details of joint activities, conditions for utilization of the results achieved, and arrangements for specific visits, exchanges, and all other forms of cooperation listed above will be negotiated for each specific case. It is also understood that any financial arrangements will be negotiated in each specific case and will depend upon the availability of funds. Each party agrees to seek financial resources for supporting such exchanges and collaboration.

Intellectual Property

Each party reserves the right to jointly publish the results of collaborative activities performed under this MoU, as appropriate. Before submission for publication, however, each party shall notify the other of its intention to publish, and shall submit the manuscript to the other party for review and comment. The reviewing party shall have thirty (30) days from receipt of the manuscript to present any written comments to the other party. The reviewing party's comments shall be given due consideration by the other party. The publication of the results may be delayed at the reviewing party's written request for a period not to exceed ninety (90) days from the date that the reviewing party received the manuscript if it contains a disclosure of an invention that was invented by one or more employees of the reviewing party and the reviewing party desires to file a United States or foreign patent application. It is understood that in no case can this provision for delay of publication cause a delay in the normal academic progress of a graduate student of either party with respect to preparation and submission of a graduate thesis or dissertation. Ownership of inventions shall follow inventorship, which will be determined pursuant to applicable patent laws.

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.

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. The parties shall attempt to resolve any disputes through non-binding mutual discussion.

Validity

This agreement is valid for an initial period of five (5) years and becomes effective from the date it is signed by the partners. The partnership period may be extended for additional period of five (5) years by mutual written consent by both partners. In case one partner wishes to terminate the MoU, intimation will have to be sent at least six (6) months in advance. However, specific commitments made prior to such intimation shall be honoured by both partners.

Signatures

The Ohio State University

 9/18/17
David B. Williams Date
Dean, College of Engineering
The Ohio State University

 9.5.17
Geoffrey S. Chatas Date
Senior Vice President for Business
and Finance and CFO
The Ohio State University

Indian Institute of Technology Kharagpur

 5/1/18
Prof. Partha Pratim Chakrabarti Date
Director
Indian Institute of Technology Kharagpur