

MEMORANDUM OF UNDERSTANDING (MoU)
BETWEEN
INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR, INDIA
AND
TRIBHUVAN UNIVERSITY, NEPAL

The Director of Indian Institute of Technology, Kharagpur, India (hereinafter called IIT Kharagpur) and the Vice Chancellor, Tribhuvan University, Nepal (hereinafter called IOE/TU), on behalf of their respective institutions, hereby affirm their intent by signing this Memorandum of Understanding (MoU) for the purpose of furthering cooperation in education, research, and technology development and such academic exchanges as will be of mutual benefit to the respective institutions. Academic exchange shall be considered here to include, but not limited to:

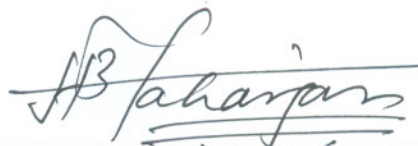
- Academic support from IIT Kharagpur in the development of academic programs and curriculum at IOE/TU
- Faculty exchange for instruction and research programme
- Reciprocal assistance for visiting academic staff and students
- Promotion of joint activities such as short term courses, training consultancy of research projects
- Exchange of documents and research materials in the fields of mutual interest

Details of the implementation of any of the above programs, or those identified in future shall be negotiated between the two institutions and recorded as signed agreements at appropriate levels. This Memorandum of Understanding (MoU) does not oblige any of the signing institutions to commit their own regular funds and/or any other resources towards its realization; however both parties will explore all possibilities to mobilize needed physical, intellectual and financial resources. This MoU shall be valid for a period of five years beginning the date of signing and can be extended or revised through mutual consent of both parties.



.....
Prof. P. P. Chakrabarti
Director
Indian Institute of Technology, Kharagpur

India
Date: 11/6/15



.....
Prof. Hira Bahadur Maharjan
Vice Chancellor
Tribhuvan University
Nepal

Date: 2015/05/28



Memorandum of Understanding (MoU)
between
Indian Institute of Technology Kharagpur, India
and
Tribhuvan University, Nepal

Supplementary Agreement 1

1. Preamble

The Indian Institute of Technology, Kharagpur, India (hereinafter called IIT Kharagpur) and the Tribhuvan University, Nepal (herein after called IOE/TU), the two leading institutions in their respective countries, affirm their intent by signing Memorandum of Understanding (MoU) for the purpose of furthering cooperation in education, research, and technology development and such academic exchanges as will be of mutual benefit to the respective institutions. This Supplementary Agreement forms a part of the MoU in extending cooperation towards capacity building of IOE/TU in the areas of Agricultural Engineering.

The objectives of this agreement shall be as follows:

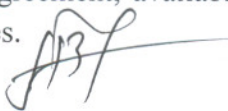
- a. Improve the quality of education in agricultural Engineering being imparted at Institute of Engineering (IOE/TU), through:
 - i. Cooperation in curriculum development
 - ii. Assistance for faculty and students exchange
 - iii. Exchange of publications and educational materials
 - iv. Promotion of joint activities such as short term courses, training and consultancy services
 - v. Cooperation towards academic advancement of faculty members at IOE/TU in the areas pertaining to Agricultural Engineering and in other relevant areas
- b. Assist the IOE/TU on enhancing its R&D is activities in various areas of Agricultural Engineering, appropriate to the needs and socio-economic realities of Nepal.
- c. All the above shall be pursued as per mutual agreement, available resources and times as well as approval of the norms and regulations of institutes.



2. In order to fulfill the objectives, outlined in (1), this supplementary agreement envisages:

- a. Assistance from IIT Kharagpur in curriculum development for Bachelor level course in Agricultural Engineering currently underway at Purwanchal Campus, Dharan under IOE/TU and Masters and Doctoral courses in Agricultural Engineering envisioned to be started in due courses in future.
- b. Exchange of faculty members between IOE/TU and IIT Kharagpur to support the instructional needs in specialized courses in Agricultural Engineering at Purwanchal Campus, Dharan.
- c. Development and organization of short term training courses by IIT Kharagpur to suit the requirements of IOE/TU towards enhancing the instructional and research capacity of faculty members in the areas pertaining to Agricultural Engineering.
- d. Enabling the faculty, staff and students to take part in ongoing and continuing education programs/ courses at IIT Kharagpur.
- e. Provision for faculty members, staff and students from IOE/TU pursuing their Masters and Doctoral studies at IIT Kharagpur either on full-time or as sandwich programme subjected to IIT Kharagpur rules governing their programmes including administrative rules.
- f. Provision for joint supervision of Masters and Doctoral thesis of students of IOE/TU pursuing Masters and Doctoral courses in Agricultural Engineering.
- g. Identification and implementation of joint research technology development projects in the areas of mutual interest.
- h. Development and organization of training courses/ schemes for laboratory/ workshop technicians.
- i. Organization of joint short-term courses and training programs in Nepal to cater to the needs of relevant institutions and personnel.
- j. Provision of technical assistance from IIT Kharagpur towards infrastructural development including library facility at IOE/TU.
- k. Provision for final year undergraduate students in Agricultural Engineering at IOE/TU undergoing practical training, for a period not exceeding 15 days, at IIT Kharagpur on nominal institutional fees subject to approval from the institute.
- l. Explore the possibility of web based distance education programs.

All the above shall be pursued as per mutual agreement, available resources and time as well as approval of the norms and regulations of institutes.



3. Modalities of Cooperation:

Coordinators:

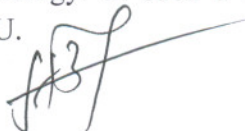
The head of AgFE Department of IIT Kharagpur and the Dean of IOE/TU shall act as coordinators on behalf of their respective institutions for the cooperation stated here above.

4. IPR:

Rights regarding publications, patents, royalty, ownership of software/ design/ product developed etc. under the scope of this MoU shall be decided by the two parties by mutual consent as per the IIT Kharagpur norms.

5. Financial Provisions:

- a. IOE/TU shall meet the travel cost of faculty members from IIT Kharagpur on deputation of IOE/TU by air/ train.
- b. IOE/TU shall provide reasonable hotel/ suitably furnished accommodation, local transportation and office space to the faculty members from IIT Kharagpur on deputation to IOE/TU. Subsistence allowance/ honorarium to be paid to such deputed faculty members shall be decided mutually.
- c. IOE/TU shall meet the travel cost and subsistence allowances of its visiting faculty members, staff and technicians to IIT Kharagpur.
- d. IIT Kharagpur shall treat the faculty members, staff and technicians from IOE/TU, who are deputed to attend short-courses and training programs at IIT Kharagpur at par with the personnel deputed from other educational/ research institutions from within India in the matters of accommodation, course/ training cost and other fees.
- e. IIT Kharagpur and IOE/TU shall continue to pay the normal salaries of their respective faculty members deputed under this agreement. IOE/TU shall treat the period of deputation of their faculty members as on duty.
- f. IIT Kharagpur shall make provision to support practical training of undergraduate students from IOE/TU, as stated in provision 2(k) of this agreement, on charging institutional fees and honorarium to faculty and technical staff and that it would provide suitable accommodation to the students, subject to the availability, for the period of their stay.
- g. IIT Kharagpur shall support IOE/TU in faculty development in the areas relevant to Agricultural Engineering and Technology. In such a case monthly stipend and other living costs shall be borne by IOE/TU.



- h. All expenses related to travel and local hospitality of faculty members of IIT Kharagpur shall be as per norms of IIT Kharagpur.
6. The programs of cooperation between IIT Kharagpur and IOE/TU shall commence with the signing of this agreement. The areas of cooperation and the kinds of activities can be decided, added or modified through mutual consent of both the parties.



Prof. P. P. Chakrabarti
Director
Indian Institute of Technology Kharagpur
India

Date: 11/6/15



Prof. Hira Bahadur Maharjan
Vice Chancellor
Tribhuvan University
Nepal

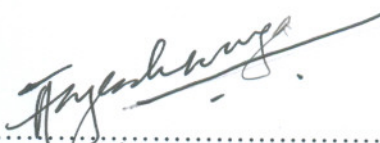
Date: 2015/05/28



Witness:



Prof. V. K. Tewari
Head
Department of Agricultural and Food
Engineering
Indian Institute of Technology Kharagpur
India



Prof. Tri Ratna Bajracharya
Dean
Institute of Engineering
Tribhuvan University
Nepal