MEMORANDUM OF UNDERSTANDING
BETWEEN
INDIAN INSTITUTE OF TECHNOLOGY DELHI, INDIA
AND
INSTITUTE OF ENGINEERING, TRIBHUVAN UNIVERSITY, NEPAL

The Director of Indian Institute of Technology, Delhi (IITD) and the Dean of Institute of Engineering (IOE), Tribhuvan University (TU), for purpose of furthering cooperation in education and research and development activities between these two premier technical institutions in their respective countries, hereby affirm their intent to promote such academic exchange as will be of mutual benefit for their respective institutions. Academic exchange is considered here to include but not limited to:

- identification and implementation of mutually beneficial research projects;
- exchange of documentation and research materials in the fields of mutual interest;
- assistance from IITD in development of academic programs and courses at IOE;
- promotion of joint activities such as short term courses, training, research and consultancy;
- exchange of academic staff for purposes of teaching and research;
- reciprocal assistance for visiting academic staff and students

Details of the implementation of any of the above programs shall be finalized by the coordinators appointed at both sides. This MOU will be valid for a period of 5 years from the date of signing of the MOU and can be extended or revised through mutual consent of both parties. Supplementary agreement to this MoU is attached.

(Prof. V. Ramgopal Rao )
Director
Indian Institute of Delhi
Hauz Khas, New Delhi-110 016, INDIA

Date : 28th December, 2018

(Prof. Tri Ratna Bajracharya )
Dean
Institute of Engineering, Tribhuvan University,
Pulchowk, Lalitpur, NEPAL

Date : 28th December, 2018
SUPPLEMENTARY AGREEMENT
TO
MEMORANDUM OF UNDERSTANDING
BETWEEN
INDIAN INSTITUTE OF TECHNOLOGY DELHI
AND
INSTITUTE OF ENGINEERING, TRIBHUVAN UNIVERSITY

1. PREAMBLE

The Indian Institute of Technology Delhi, India (hereinafter referred to as "IITD") and the Institute of Engineering, Tribhuvan University, Kathmandu, Nepal (hereinafter referred to as "IOE") leading technical institutes in their respective countries formally enter into a Memorandum of Understanding (MOU) on 28th December, 2018 at Kathmandu, Nepal. This Supplementary Agreement forms a part of the MOU.

The objectives of this Agreement are as follows:
(a) improve the quality of engineering education being imparted at IOE, Pulchowk Campus and to participate in academic endeavors that are of mutual benefit to both parties,
(b) assist the Centre for Applied Research and Development (hereinafter referred to as "CARD"), IOE in enhancing its R&D activities in various areas of Science and Technology appropriate for the socio-economic development of Nepal.

2. To fulfill the objectives, outlined in (1), this Supplementary Agreement envisages:

(a) assistance from IITD in initiating and enhancing Masters and Doctoral programs at IOE,
(b) provision of 10 (TEN) PhD fellowships with full-time study and residency options at IITD to IOE academic staff and graduates,
(c) development and organization of short term training courses by IITD to suit the requirements of IOE,
(d) enabling IOE faculty/staff/students to take part in ongoing Continuing Education Program courses at IITD,
(e) provision for IOE faculty/students pursuing their Masters and Doctoral programs at IOE for short term research visits to IITD,
(f) provision for joint supervision of Masters and Doctoral theses,
(g) identification and implementation of joint research and development projects in areas of mutual interest as well as development of new areas of R & D at IOE,
(h) exchange of faculty members between IOE and IITD,
(i) organization of joint (i) short term courses, (ii) workshop/seminar/conference on cutting edge technologies, (iii) interaction activities among IITD & IOE communities.
(j) seek funding for joint sponsored and consultancy projects from prospective sponsors other than IITD.
(k) develop joint proposal with IITD as institutional partner of IOE on collaborative/capacity building grant project applications to be submitted to international agencies.
(l) advise on provision for assistance from IITD for improvement and upgradation of laboratory and library facilities at IOE.

3. MODALITIES OF COOPERATION

3.1 Coordinators: The functions of the coordinators nominated by Heads of respective institutions for this cooperation on behalf of IITD and IOE respectively would be to:
   a) initiate action at their respective institutions to implement the provisions of this Agreement; and
   b) coordinate and monitor the activities initiated under this Agreement.

   The respective coordinators shall act as the secretary for the meetings of the Joint Coordination Committee when it is held at their institutions.

3.2 Joint Coordination Committee:
   i) The Joint Coordination Committee (JCC) shall act as the Steering Committee for this cooperation.
   ii) The functions of this committee would be to:
        (a) lay down guidelines for the operation and implementation of this Agreement;
        (b) approve annual plans and programs;
        (c) approve any new areas of collaboration; and
        (d) monitor the operation of this Agreement and suggest remedial measures, if necessary, for improvement of the cooperation.
   iii) The composition of the Joint Coordination Committee shall be as follows:
        Director, IIT Delhi or his nominee
        Dean, IOE or his nominee
        Campus Chief, IOE, Pulechowk Campus
        Dean Academics, IIT Delhi or his nominee
        Coordinator from IOE
        Coordinator from IITD
   iv) The JCC shall normally meet once a year alternately at Kathmandu and Delhi under the Chairmanship of the Dean, IOE, TU and Director, IITD, respectively.
3.3 The procedure for initiating/instituting joint research projects would be as follows:

i) CARD, IOE / IITD shall identify specific research projects and formulate the draft proposals including activity-wise time schedules for each of the projects; and also identify the funding agency. Further, CARD, IOE/IITD shall make arrangements for an initial fund for the project which may be utilized till the actual project work begins.

ii) After due approval of the projects from the initiating Institute, the draft proposals along with the bio-data of the project leaders shall be communicated to the coordinator at the other institute.

iii) The coordinator at the other Institute will identify project leaders from amongst the faculty of the Institute for each of the projects.

iv) The identified project leaders at IITD and CARD, IOE shall, through correspondence/short visits, prepare an agreed project proposal for individual projects and submit the same for consideration of the approving bodies of their respective institutions.

3.4 Initiation of Manpower Training/Faculty Exchange Visits: IOE/IITD would identify their needs for manpower development and faculty exchange visits on a yearly basis and place the same for approval of the JCC. After due approval of the yearly plan, the Coordinators at both sides shall initiate action for its implementation.

3.5 Short Courses: IOE shall identify their needs for specified courses to be held at Kathmandu and communicate the same to the Coordinator at IITD who shall initiate action to formulate a detailed proposal and to implement the same. In addition, the Coordinator at IITD shall periodically supply information on short courses being organized at IITD to the Coordinator at IOE.

4. FINANCIAL PROVISIONS

i) IOE shall meet the cost of air/train fares for all visits of IITD faculty members deputed to IOE and CARD, under this Agreement.

ii) IOE shall meet the cost of air/rail fares for all visits of IOE faculty members and technicians deputed to IITD under this Agreement.

iii) In the case of Masters/Doctoral fellowship, IITD shall provide single or shared room accommodation/married scholar accommodation (as per availability and norms of IITD) at the same rate of charge that is paid by the regular IITD students, subject to availability. IOE shall provide for the tuition fee, the registration fee and other fees, and will bear the monthly stipend for its Faculty Members as mutually agreed upon by both parties.

iv) For graduates of IOE, Nepal admitted through the new provision of admitting foreign students (under the Institute of Eminence Scheme) IIT Delhi would provide assistantship on par with Indian students with the expectation of same responsibility in terms of being a teaching assistant.
v) IITD shall provide accommodation (preferably in the Institute Guest House) for short-term visiting faculty members of IOE who are deputed to IITD to work on research projects.

vi) IITD shall treat the faculty members and technicians of IOE who are deputed to attend Quality Improvement Program short courses or training courses at IITD at par with such personnel deputed from other educational institutions from within India in the matters of accommodation and registration fee.

vii) IOE shall provide reasonable hotel/suitably furnished accommodation to IITD faculty deputed to IOE. Subsistence allowance to be paid to such faculty members shall be decided by JCC subject to revision from time to time.

viii) IITD/IOE shall continue to pay the normal salaries to their faculty members deputed under this Agreement and treat the period of deputation as on duty.

ix) For visits of the Coordinators for the meeting of the JCC, the air travel will be met by the respective institutions. But the host Institution shall provide all local hospitality, including transport and lodging.

In WITNESS WHEREOF this Agreement is signed by Prof. A.K. Jain, MOU Coordinator on behalf of IITD and by Prof. S.K. Mishra, MOU Coordinator from IOE-TU (Director, Centre for Applied Research and Development (CARD)) on behalf of the Institute of Engineering, Tribhuvan University on 28th December, 2018.

(Shailendra)
MOU Coordinator, IOE
IOE, Tribhuvan University

(CARD)
Witness for Applied Research and Development
Institute of Engineering, T.U.

(Shanta)
IOE, Tribhuvan University
Kathmandu, Nepal

(MOU Coordinator, IITD)
MOU Coordinator, IITD
IITD, New Delhi, India

(Prof. S.K. Jain)
Professor
Department of Civil Engineering
Indian Institute of Technology Delhi
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(Prof. Shantanal Roy)
IIT Delhi
New Delhi, India

Date: 28th December, 2018

Place: Kathmandu, Nepal