

MEMORANDUM OF UNDERSTANDING

BETWEEN

**NATIONAL INSTITUTE OF HYDROLOGY (NIH),
ROORKEE**

AND

**INDIAN INSTITUTE OF TECHNOLOGY (IIT),
ROORKEE**

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AND
INDIAN INSTITUTE OF TECHNOLOGY (IIT), ROORKEE

This Memorandum of Understanding (MoU) entered into the Fourteenth day of November, 2019 between the National Institute of Hydrology, Roorkee, a Society of Govt. of India, registered under the Indian Societies Registration Act XXI of 1860 under the Department of Water Resources, River Development and Ganga Rejuvenation, Ministry of Jal Shakti, having its Headquarters at Roorkee (hereinafter referred to as NIH which expression shall include its representatives, successors and assigns) of the first part;

AND

Indian Institute of Technology, Roorkee a premier academic Research Institute and having its Headquarters at Roorkee (hereinafter referred to as IITR which expression shall include its representatives, successors and assigns) of the other part.

PREAMBLE



WHEREAS, NIH is engaged in basic, applied and strategic research, and consultancy in the field of Hydrology, Water Resources Development and Management.

WHEREAS, IITR, which is charged with the responsibility of training technical manpower in different areas of Engineering, Technology, Sciences, Management, and Humanities & Social Sciences, is also contributing to the rapidly growing scientific and technological knowledge and professional excellence in S&T undertaking industrial & applied research and consultancy;

AND

WHEREAS, both NIH and IITR, now

- Recognizing the importance of research and development in the areas of Hydrology, Hydropower, Water Resources, Environment, and related topics,
- Appreciating the need for creation of large reservoir of highly qualified manpower in all fields related to Hydrology and Water Resources, Civil Engineering, Chemistry, Nuclear Physics, Geology, Geophysics and Hydrometeorology,
- Desiring to coordinate their efforts by pooling their expertise and resources.

INTEND to form a nucleus for promoting excellent quality manpower with a focus on Hydrology, Water Resources and related sciences.

NOW, THEREFORE, in consideration of the mutual promises made herein and of good and valuable consideration, the receipt and sufficiency of which both NIH and IITR hereby acknowledge, NIH and IITR hereby agree as under:

SCOPE OF MOU:

1. SHARING OF IMPORTANT FACILITIES

The two institutions will share their important R&D equipment facilities on the mutually agreed terms.

2. JOINT CONFERENCES/WORKSHOPS/TRAINING COURSES

Both the Institutes agree to hold/conduct whenever feasible joint conferences/workshops/training courses in areas of mutual interest.

3. M.TECH./PH.D. REGISTRATION

Regular Scientists and Research student/ Candidate working full time in an R&D Project at NIH may be registered for M.Tech./Ph.D. at IITR as per the following terms:

- ❖ Under the extant Rules, the Project Fellows of NIH shall be treated as at par with the Project Fellows working in the IITR, for the purpose of M.Tech./Ph.D. registration at IITR,
- ❖ The officers/staff recommended by NIH will be considered for selection by IITR as per its norms for M.Tech./Ph.D. registration.
- ❖ The staff recommended by NIH, if selected, has to select a supervisor from the concerned department at IIT Roorkee as a joint supervisor.
- ❖ Research student/ Candidate registered in a particular department/center will be over and above the existing IIT, Roorkee limit for the M.Tech./Ph.D. students in that department/ center.

4. TRAINING FOR STUDENTS

NIH agrees to provide training for IITR students in its field of specialization.

5. JOINT RESEARCH/CONSULTANCY PROJECTS

NIH and IITR staff will jointly undertake sponsored research and consultancy projects with the approval of their respective competent authorities according to the following terms:



- ❖ Project proposals will be formulated jointly by the concerned faculty/experts of the two Institutions.
- ❖ Project would require approval of the respective competent authorities of both the Institutions.
- ❖ Income arising out of the consultancy works will be shared by the two Institutions on the basis of inputs and approved norms in each Institution. Consultancy/man-months and cost of project will be calculated on the basis of input.

6. SHARING OF INFORMATION

Both Institutions agree to share information about their research activities so as to educate the staff of one organization about the activities of the other organization.

7. EXCHANGE/DEPUTATION OF STAFF

Both NIH and IITR agree to the exchange of staff through deputation on full time/part time basis and up to two years at a time for purpose of implementation of specified tasks. Such staff member will be treated to be on duty with the parent organization for this period and will be paid TA/deputation allowance by the host organization.

8. CO-ORDINATION COMMITTEE

The two organizations have already in-place a Co-ordination Committee to co-ordinate and monitor the collaboration between the two organizations.

9. VALIDITY

This MoU shall be valid initially for a period of three years from the date of signatures and can be extended for further periods by mutual consultations.

Director
National Institute of Hydrology
Roorkee

Rakesh

Witness:

Date: 14/11/18

डॉ शरद कुमार जैन/Dr.S.K.Jain
निदेशक/Director
राष्ट्रीय जलविज्ञान संस्थान
National Institute of Hydrology
रूड़की/Roorkee 247 667

Director
Indian Institute of Technology
Roorkee
Prof. Ajit Kumar Chaturvedi
Director
Indian Institute of Technology Roorkee
Roorkee-247 667 (Uttarakhand) India

Witness:

Date:

Manish
14 Nov 2018