

**MEMORANDUM OF UNDERSTANDING  
BETWEEN**

**CSIR-CENTRAL BUILDING RESEARCH INSTITUTE ROORKEE  
(A Constituent Laboratory of CSIR)**

**AND  
INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE**

This Memorandum of Understanding (MoU) is executed on 25/March/, 2019  
Between

Council of Scientific and Industrial Research (CSIR), which is a Society registered under the Indian Societies Registration Act XXI of 1860 with its Registered Office at Raft Marg, NewDelhi-110001, INDIA acting through its CSIR-CENTRAL BUILDING RESEARCH INSTITUTEROORKEE, India (hereinafter referred to as (CSIR-CBRI), which is one of the constituent National Laboratories under CSIR of the FIRST PART.

**And**

Indian Institute of Technology Roorkee, having its office at Roorkee, (herein after referred to as IITR) on the SECOND PART,

**PREAMBLE**

WHEREAS, CSIR-CBRI is engaged in research, design, development and consultancy in the field of Engineering, Technology, Material Science and Architecture & Planning.

WHEREAS, IITR, which is charged with the responsibility of training technical manpower indifferent areas of Engineering, including Civil Engineering and Technology is also contributing to the rapidly growing scientific and technological knowledge and professional excellence in S&T by undertaking industrial and applied research and consultancy.

Whereas, both CSIR-CBRI and IITR now,

- Recognizing the importance of research and development in the areas of Building Science, Engineering Sciences, Engineering Geology, Material Science and Architecture& Planning.
- Appreciating the need for creation of large reservoir of highly qualified manpower in all fields related to Building Science and Technology including Structural Engineering, Engineering Geology, Geotechnical Engineering, Material Science and Architecture & Planning.
- Desiring to enhance their efforts by joining their expertise and resources.

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*Signature*



INTEND to form a Synergistic Framework for promoting development and growth of excellent quality manpower in the fields of Engineering, Technology and Science with a focus on Civil Engineering, Building Science, Engineering Geology and other branches of Engineering, Technology and Science.

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

#### **ARTICLE 1: SCOPE OF MoU**

This MoU details the modalities and general conditions regarding collaboration between CSIR- CBRI and IITR for enhancing, within the country, the availability of highly qualified manpower in the area of Civil Engineering, Building Science and Technology, Architecture & Planning, Engineering Geology and other areas of Engineering, Technology and Science without any prejudice to prevailing rules and regulations in CSIR- CBRI and IITR and without any disregard to any mechanism evolved and approved by the competent authorities under Government of India in so far as such mechanism applies to CSIR-CBRI and / or IITR. The areas of cooperation can be extended through mutual consent.

#### **ARTICLE II: SCOPE OF ACADEMIC INTERACTION**

CSIR-CBRI and IITR shall encourage interaction between the CSIR- CBRI Scientists and IITR faculty members and students through the following arrangements.

1. Joint guidance of student projects/thesis in Structural Engineering, Seismic Microzonation, Geotechnical Engineering, Environmental Engineering, Building Science & Technology, Architecture & Planning, Civil Engineering, Energy Design & Operations, Utilization of locally available materials and C&D waste, Engineering Geosciences, Biotechnology and other areas of mutual interest at IITR or at CSIR-CBRI by CSIR-CBRI scientists and faculty of IITR as per rules and regulations of IITR and CSIR-CBRI.
2. Participation of CSIR-CBRI Experts in IITR Programs and events as well as participation of faculty and students of IITR to participate in research programs and events of CSIR-CBRI based on mutual agreement.
3. Admission of CSIR-CBRI scientists/technical officers/project staff to the post-graduate programmes' (M.Tech. & Ph.D.) at IITR as sponsored candidates fulfilling the criteria for admission as prevailing at IITR during the time such admission is sought and vice-versa.
4. Initiation of collaborative research and submission of joint project proposals by CSIR-CBRI and IITR for external funding.
5. Exchange of personnel through deputation/adjunct/visiting faculty for limited periods as mutually agreed upon.
6. Organization of joint conferences and seminars.
7. Practical training of IITR students at CSIR-CBRI, Roorkee.





### **ARTICLE III: SHARING OF FACILITIES**

- a) CSIR-CBRI and IITR shall make provisions to share their respective R&D facilities in order to promote academic and research interaction in the areas of cooperation subject to availability.
- b) CSIR-CBRI and IITR shall permit the exchange of software and other materials and components developed in-house in the areas of cooperation, if permissible within the rules governing the two institutions.
- c) CSIR-CBRI and IITR shall provide access to the library and extend inter-library loan facilities to scientists of CSIR-CBRI, members of faculty and students of IITR as per the prevailing rules and norms in the respective institutes.

### **ARTICLE-IV: CO-ORDINATION OF THE PROGRAM INCLUDING FINANCIAL ARRANGEMENTS**

- a) The activity under this MoU between CSIR-CBRI and IITR shall be coordinated by a Coordinator from each organization respectively.
- b) Financial arrangements for each specific activity will be decided on case-to-case basis required subject to approval by each organization.

### **ARTICLE-V: EFFECTIVE DATE OF COMMENCEMENT**

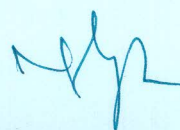
- a) This MoU shall be effective from the date of its approval by competent authorities at both ends.
- b) The duration of MoU shall be for a period of 5 years from effective date.
- c) During its tenancy, the MoU may be terminated by a prior notice of not less than six months by either party. However, termination of the MoU will not, in any manner, affect the interests of the students who have been admitted to pursue a program under the MoU, or progress of any ongoing mutual activity that has been initiated formally with approval of both parties.
- d) Any clause or article of the MoU may be modified or amended by mutual agreement.

### **ARTICLE-VI: IPR**

Rights regarding publications, patents, royalty, ownership of software/design/product developed etc. under the scope of this MoU, shall be decided on case to case basis.

### **ARTICLE-VII: ARBITRATION**

Any dispute arising out of this MoU will be resolved amicably by mutual consultation. If such resolution is not possible then the unresolved dispute will be referred jointly to

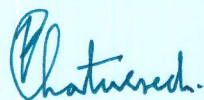


Director, CSIR-CBRI and Director, IITR. The outcome of the joint decisions of the Director (CSIR-CBRI) and Director (IITR), shall be binding upon both the parties.

#### ARTICLE-VIII: CONFIDENTIALITY

During the tenure of the MoU information to be shared must be indicated as "confidential" or "non-confidential". Both CSIR-CBRI and IITR will maintain strict confidentiality and prevent disclosure of all the information designated as "confidential" except by mutual agreement.

IN WITNESS WHEREOF PARTIES HERE TO HAVE, ENTERED INTO THIS AGREEMENT, EFFECTIVE AS ON THE DATE AND YEAR FIRST WRITTEN ABOVE.

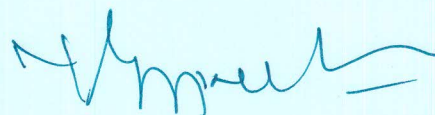


**Director**  
Indian Institute of Technology Roorkee  
प्रो. अजित कुमार चतुर्वेदी  
Prof. A. K. Chaturvedi  
निदेशक/Director  
भारतीय प्रौद्योगिकी संस्थान रुड़की  
Indian Institute of Technology Roorkee  
रुड़की-247667 (उत्तराखण्ड) भारत  
Roorkee-247667 (Uttarakhand) INDIA

**Witness:**  
**Dean, SRIC**  
Indian Institute of Technology Roorkee

**Date:**

25/03/2019



**Director**  
CSIR-Central Building Research Institute  
Roorkee

निदेशक  
Director  
सीएसआईआर-के 40 आर रुड़की  
CSIR-Central Building Research Institute  
रुड़की-Roorkee (U.K.)

**Witness:**  
**Head, PBD Group**  
CSIR-Central Building Research Institute  
Roorkee

**Date:**

25/03/19