



## MEMORANDUM OF UNDERSTANDING

BETWEEN



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

AND



**MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR**  
(A Govt. Aided UGC Autonomous Institute, Affiliated to R.G.P.V. Bhopal)

This Memorandum of Understanding (MoU) is executed on September 11, 2017.

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 Rafi Marg, New Delhi – 110001, INDIA acting through its CSIR-CENTRAL BUILDING RESEARCH INSTITUTE ROORKEE, India (herein after referred as CSIR-CBRI), which is one of the Constituent National Laboratories under CSIR of the FIRST PART.

and

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR (herein after referred to as MITS) of the SECOND PART.

### PREMABLE

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

WHEREAS, MITS is engaged with the responsibility of creating engineering professionals in different areas of Engineering, including Civil Engineering, and other branches of engineering and Architecture. MITS 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 MITS now,

- Recognize the importance of research and development in the areas of Building Science, Engineering Sciences, Engineering Geology, Material Science and Architecture & Planning.



- Appreciate 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.
- Desire to enhance their efforts by joining their expertise and resources.

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, Architecture, Technology and Science.

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

#### **ARTICLE –I: SCOPE OF THE MoU**

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

#### **ARTICLE –II: SCOPE OF SCIENTIFIC & ACADEMIC INTERACTION**

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

- a) Organization of joint conferences, seminars and expert lectures.
- b) Practical training of MITS students at CSIR-CBRI, Roorkee.
- c) Joint guidance of student in projects/theses and dissertation work in Structural Engineering, Seismic Micro-zonation, Geotechnical Engineering, Environment Engineering, Building Science & Technology, Architecture & Planning, Engineering Geosciences and other areas of mutual interest at MITS or at CSIR-CBRI by CSIR-CBRI Scientists and faculty of MITS as per rules and regulations of MITS and CSIR-CBRI.
- d) Participation of CSIR-CBRI Experts in MITS programs and events as well as participation of Faculty and Students of MITS to participate in research programs and events of CSIR-CBRI based on mutual agreement and approvals of both organizations.

- e) Initiation of collaborative research and submission of joint project proposals by CSIR-CBRI and MITS to external funding based on mutual agreement and approvals of both organizations.
- f) Admission of CSIR-CBRI Scientists /Technical Officers to the post-graduate programmes (M.Tech., Ph.D.) at MITS as sponsored candidates, fulfilling the criteria for admission as prevailing at MITS during the time of such admission is sought.

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

- a) CSIR-CBRI and MITS shall make provisions to share their respective R&D facilities, laboratory testing facilities in order to promote academic and research interaction in the areas of cooperation subject to approvals and availability.
- b) CSIR-CBRI and MITS 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 MITS shall provide access to the library and extend inter-library loan facilities to scientists of CSIR-CBRI, members of faculty and students of MITS 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 MITS 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 as required subject to approval by each organization.

#### **ARTICLE-V: EFFECTIVE DATE AND DURATION**

- a) This MoU shall be effective from the date of its signing by competent authorities at both ends.
- b) The duration of the MoU shall be 2 years from the effective date.
- c) During its tenancy, the MoU may be extended or 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 the parties.
- d) Any clause or article of the MoU may be modified or amended by mutual agreement of CSIR-CBRI and MITS.

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

Rights regarding publications, patents, royalty, ownership of software / design / product developed etc. under the scope of this MoU, shall be equally owned by the two parties.



## 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 MITS, Gwalior. The outcome of the joint decisions of both Directors 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 MITS 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.

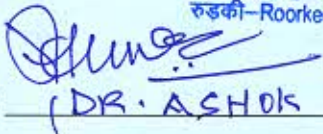


Director

CSIR-CENTRAL BUILDING RESEARCH INSTITUTE  
ROORKEE

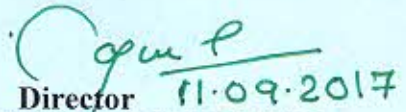
निदेशक  
Director

सीएसआईआर-के० भा० अ० सं०  
CSIR-Central Building Research Institute  
रुडकी-Roorkee(U.K.)



Witness : (DR. ASHOK KUMAR)

Date : 11.09.2017



Director

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE  
GWALIOR

(Dr. R.K. Pandit)

Director

Madhav Institute of Technology & Science  
Gwalior - 474005 (M.P.)



Witness : \_\_\_\_\_

Date : 11.08.2017