

**MEMORANDUM OF UNDERSTANDING (MoU)**

**BETWEEN**

**JAYPEE UNIVERSITY OF ENGINEERING & TECHNOLOGY, GUNA (JUET)**

**AND**

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

**This Memorandum of Understanding (MoU) is executed on 7<sup>th</sup> November 2020**

**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 (hereinafter referred to as (CSIR-CBRI), which is one of the constituent National Laboratory under CSIR of the first part,

**And**

JAYPEE UNIVERSITY OF ENGINEERING & TECHNOLOGY, A-B Road, Raghogarh, Guna - 473226 (Madhya Pradesh), INDIA, (hereinafter referred to as JUET GUNA) of the second part.

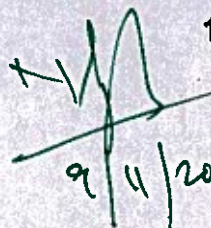
**PREAMBLE**


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

Whereas, JUET, GUNA is committed with the responsibility of imparting quality engineering education to young professionals and in moulding them into competent, well trained technical manpower committed to the Nation's growth and progress. The University, accredited with grade 'A' by NAAC, offers B.Tech. and M.Tech. programs in the fields of Civil, Mechanical, Electronics and Communication, Computer Science and Chemical Engineering streams and doctoral programs in all above areas of engineering, besides science and management streams such as Physics, Maths, Chemistry and Humanities and Social Studies. The University aims to offer complete educational spectrum of programs in emerging technologies at the degree levels. Research in emerging and inter disciplinary areas of technology is a major thrust and is leveraged for all academic pursuits.

WHEREAS, both CSIR-CBRI and JUET GUNA 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, Concrete*

  
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*Technology, Development of new materials, Structural Engineering, Engineering Geology, Geotechnical Engineering, Material Science, Architecture & Planning, Wind Engineering and Disaster Mitigation.*

- Desiring 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 and other allied branches of Engineering, Technology and Science.

NOW, THEREFORE in consideration of the mutual promises made herein with good & valuable considerations, the receipt and sufficiency of which CSIR-CBRI and JUET, GUNA hereby acknowledge, and agree as under:

#### **ARTICLE – I: SCOPE OF THE MoU**

This MoU details the modalities and general conditions regarding collaboration between CSIR-CBRI and JUET, GUNA for enhancing, within the country, the availability of highly qualified manpower in the area of Civil Engineering and other allied areas of Engineering, Technology and Sciences without any prejudice to prevailing rules and regulations in CSIR-CBRI and JUET, GUNA 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 JUET, GUNA. The areas of cooperation can be extended through mutual consent.

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

CSIR-CBRI and JUET, GUNA shall encourage scientific interactions between the CSIR-CBRI Scientists and JUET, GUNA faculty members and students through the following arrangements.

- a) Exchange of personnel through deputation for limited periods as mutually agreed upon.
- b) Organization of joint Conferences and Seminars.
- c) Practical training of JUET, GUNA students at CSIR-CBRI, Roorkee.
- d) Joint guidance of student projects / theses in Structural Engineering, Seismic Microzonation, Geotechnical Engineering, Environment Engineering, Building Science & Technology, Architecture & Planning, Engineering Geosciences, Disaster Mitigation and other areas of mutual interest at JUET, GUNA by CSIR-CBRI Scientists and faculty of JUET, GUNA as per rules and regulations of both the Institutes.
- e) Participation of CSIR-CBRI Experts in JUET, GUNA programs and events as well as participation of Faculty and Students of JUET GUNA to participate in research programs and events of CSIR-CBRI, based on mutual agreement and approvals of both organizations as appropriate.
- f) CSIR-CBRI Senior Scientists being able to be Co - supervisors for Ph.D. Scholars at JUET, GUNA.
- g) Admission of CSIR-CBRI Scientists / Technical Officers to the post-graduate programs (M. Tech., Ph.D) at JUET GUNA as sponsored candidates fulfilling the

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criteria for admission as prevailing at JUET GUNA during the time such admission is sought. \*

- h) Initiation of collaborative research and submission of joint project proposals by CSIR-CBRI and JUET GUNA to external funding in mutually agreed areas of interest, including areas of corrosion, composite materials and heritage structures.

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

- a) CSIR-CBRI and JUET GUNA 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 approvals and availability.
- b) CSIR-CBRI and JUET GUNA 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 JUET GUNA shall provide access to the library and extend inter-library loan facilities to scientists of CSIR-CBRI, members of faculty and students of JUET GUNA as per the prevailing rules and norms in the respective institutes. \*

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

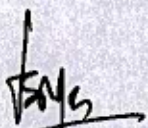
- a) The activity under this MoU between CSIR-CBRI and JUET GUNA shall be coordinated by a coordinator from each organization, respectively.
- b) Financial arrangements for each specific activity will be decided on a case-to-case basis as required, subject to approval by each organization.

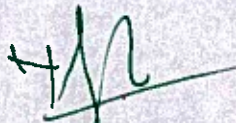
#### **ARTICLE – V: EFFECTIVE DATE AND DURATION OF MoU**

- a) This MoU shall be effective from the date of its approval by competent authorities at both ends.
- b) The duration of the MoU shall be for a period of three (03) 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 sides.
- d) Any clause or article of the MoU may be modified or amended by mutual agreement of CSIR-CBRI and JUET GUNA.

#### **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.

  
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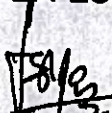
## ARTICLE – VII: ARBITRATION


Any difference/dispute arising out of the MOU shall be referred to Delhi International Arbitration Centre (DIAC), Delhi High Court, New Delhi.

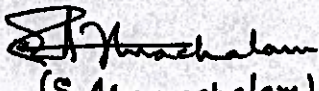
## ARTICLE – VIII: CONFIDENTIALITY

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

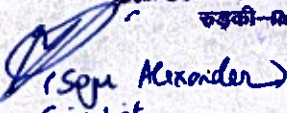
IN WITNESS WHEREOF PARTIES HERE TO HAVE ENTERED INTO THIS AGREEMENT EFFECTIVE AS ON THE DATE AND YEAR FIRST WRITTEN ABOVE.

  
7.11.2020  
Vice-Chancellor  
Jaypee University of Engineering &  
Technology, A-B Road, Raghogarh,  
Guna-473226 (M.P.), INDIA

  
9/11/2020  
DIRECTOR  
CSIR-Central Building Research Institute  
Roorkee निदेशक  
Director  
सीएचआईआर-केओ भूओ संओ  
CSIR-Central Building Research Institute  
रूड़की-Roorkee (U.K.)

Witness:  7.11.2020  
(S. Arunachalam)

Date: Director, Wind Engineering  
Place: Application Centre,  
JUET, Guna.

Witness:   
Scientist  
Date: 9/11/20 CSIR-CBRI Roorkee  
Place: Roorkee.