



**Memorandum of Understanding
between
National Council for Cement and Building Materials, Ballabgarh
and
Indian Institute of Technology - Roorkee**



The Institution, National Council for Cement and Building Materials, (hereinafter referred to as **NCCBM**) is an apex research organization under the administrative control of Ministry of Commerce and Industry, Government of India and a society registered under the Societies Registration Act, 1860, as amended time to time, with *inter alia* objectives to promote research and scientific work connected with Cement, Building Materials, and allied industry, including, but not limited to technology development, technology transfer, continuing education, and industrial services for cement and construction industries. The registered office of NCCBM is located at Ballabgarh, Haryana while the regional centre at Hyderabad. The project offices of NCCBM are located in Ahmedabad and Bhubaneshwar. All the offices are administratively controlled by the registered office at Ballabgarh Haryana

The Institution, Indian Institute of Technology Roorkee (hereinafter referred to as **IITR**) is the erstwhile University of Roorkee and is an Institute of national importance and has been set up in the year 2001 under the Institutes of Technology Act, 1961. The Institute offers undergraduate, post-graduate and doctoral programmes in engineering, sciences, management and humanities and maintains close technical linkages with industry, other sister institutes and R&D organisations of both State and Central governments. The main campus of the Institute is located at Roorkee and the Saharanpur campus houses the Institute of Pulp and Paper Technology. In addition, the Institute also has an extension centre at Greater N.O.I.D.A. Uttar Pradesh

This Memorandum of Understanding (MoU) between NCCBM and IITR (together may be referred to as "the institutions"), is signed with the objective of fostering collaboration between the institutions to promote academic and research interactions. Accordingly, NCCBM and IITR agree to the following understanding amongst themselves:

1. NCCBM will facilitate internships/training of IITR students in domain of Chemistry, Electrical Engineering, Mechanical Engineering, Chemical Engineering and Civil Engineering streams.
2. NCCBM and IITR shall facilitate sharing of their laboratories facilities, library, and materials including proprietary software of the institutions and other in house developed components with each other as per mutually agreed terms and conditions. The aforesaid sharing shall be subject to terms of the third-party contract, if any, and shall be for the research purposes only.
3. NCCBM and IITR shall exchange ideas and manpower with a view to enhancing mutually beneficial R&D activities, which would have a bearing on addressing national issues and problems.
4. NCCBM and IITR shall explore the possibility of conducting joint seminars / workshops / conferences at national and international levels, in areas of mutual interest. The Greater NOIDA extension centre of IITR or NCCBM Ballabgarh & Hyderabad Campus (which has both board and lodge facilities) can be considered for use as a venue for such events on mutually agreeable terms and conditions.

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5. IITR agrees to recognize NCCBM as an external research centre. The scientist and engineers of NCCBM shall be allowed to be registered for PhD Programme at IITR under the joint supervision of a Ph.D guide from NCCBM and IITR. Principal guide may either be from NCCBM or IITR.
6. NCCBM and IITR shall also explore opportunities for securing funding for joint research projects in response to calls from various national and international organisations / agencies.
7. NCCBM and IITR shall consider the appointment of IITR faculty as adjunct / visiting scientists in NCCBM and similarly the appointment of NCCBM scientists as adjunct / visiting faculty in IITR.

NCCBM and IITR shall put adequate and reasonable measures in their respective units to maintain confidentiality and unauthorized use of information associated with the joint projects. The institutions agree to have no restriction on the publication of the results of the collaborative research with due credits to the authors/researcher and, except where such outcome has implications for the security of the State. NCCBM and IITR shall be free to carry out follow-up research independently. Rights regarding the intellectual property developed under the scope of this MoU, including the rights on royalty and publication of the results shall be decided by the mutual discussions amongst the institutions. The institutions agree to frame separate policy documents, in this regard consistent with the rules and regulations of NCCBM and IITR.

NCCBM and IITR shall jointly develop and devise implementation strategies and time-bound action plans to effectively meet the desired objectives and goals. Financial arrangements for each specific activity will be decided on a case-to-case basis and brought on record in each case after due approval from heads of the institutions.

A joint Coordination Committee consisting of a nominee of Director, IITR, as Chairman, and a nominee of Director General, NCCBM as Co-Chairman, and two nominees each from NCCBM and IITR, shall coordinate and monitor the academic and research programmes and all related operational matters within the framework of the academic regulations of IITR and the objectives of NCCBM.

The institutions agree that any unauthorized use of intellectual property shall be prohibited in the joint projects under this MoU

This MoU is effective from the date of signing and will remain so for a period of five (5) years. This MoU may be extended for another period on mutually agreeable terms and conditions.

The institutions shall be at liberty to terminate this MoU by providing a prior written notice of six (6) months from one party to the other party of this MoU. However, in case of such early termination, the institutions shall not affect the-ongoing educational, training, or research programmes.

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Indian Institute of Technology Roorkee
Roorkee-247 667 (INDIA)



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For
Indian Institute of Technology Roorkee

For
National Council of Cement and Building
Materials

Manish

[Signature]

Prof. Manish Shrikhande
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Dr. BN Mohapatra
Director General

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34 KM Stone, Delhi-Mathura Road (NH-2),
Ballabgarh, Haryana - 121004, India

Dated:

Dated: *9th Dec 2020*

Witness:

Witness:

Signature: *[Signature]*

Signature: *[Signature]*
09/12/2020

Name: *[Signature]*

Name: Mr. Kapil Kukreja

Designation: *01/420*

Designation: Manager & Team Leader EG-22