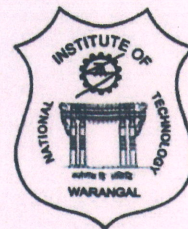




**Memorandum of Understanding  
between  
National Council for Cement and Building Materials,  
Ballabgarh  
and  
National Institute of Technology Warangal**



**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.

**National Institute of Technology, Warangal** (hereinafter referred to as **NTW**) an institute of national importance under the Act of Parliament (formerly known as Regional Engineering College, Warangal) was established in the year 1959. The Institute is well known for its dedicated faculty, staff and the state-of-the art infrastructure conducive to a healthy academic environment. The Institute is constantly striving to achieve higher levels of technical excellence. The institute is well-known for its Research and Development, Industrial consultancy, Continuing education and Training programmes for faculty and industrial personnel.

This Memorandum of Understanding (MoU) between NCCBM and NITW (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 NITW agree to the following understanding amongst themselves:

1. NCCBM will facilitate internships/training of NITW students in the domain of Chemistry, Electrical Engineering, Mechanical Engineering, and Civil Engineering streams.
2. NCCBM and NITW 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 NITW 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 NITW shall explore the possibility of conducting joint seminars / workshops / conferences at national and international levels, in areas of mutual interest.

*N.V.*

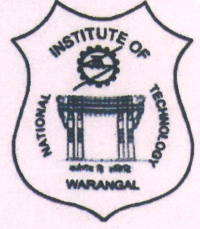
निदेशक  
राष्ट्रीय प्रौद्योगिकी संस्थान, वरंगल  
Director  
National Institute of Technology, Warangal.

*[Signature]*

Dr B N Mohapatra  
Director General  
National Council for Cement  
and Building Materials  
34 KM Stone, Delhi-Mathura Road  
Ballabgarh-121 004



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5. NITW agrees to recognize NCCBM as an external research centre. The scientists and engineers of NCCBM shall be allowed to be registered for Ph.D. Programme at NITW under the joint supervision of a Ph.D guide from NITW and NCCBM and subject to their fulfilling eligibility criteria and all other academic regulations of NITW. The Principal/Main supervisor will be from NITW and co-supervisor will be from the NCCBM.
6. NCCBM and NITW 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 NITW shall consider the appointment of NITW faculty as adjunct / visiting scientists in NCCBM and similarly the appointment of NCCBM scientists as adjunct / visiting faculty in NITW.

NCCBM and NITW 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 NITW 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 NITW.

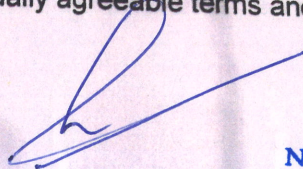
NCCBM and NITW shall jointly develop and devise implementation strategies and time-bound action plans to effectively meet the desired objectives and goals. Financial arrangements for each specific activity will be decided on a case-to-case basis and brought on record in each case after due approval from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

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

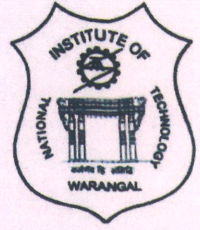
This MoU is effective from the date of signing and will remain so for a period of five years. This MoU may be extended for another period on mutually agreeable terms and conditions.

  
निदेशक  
राष्ट्रीय प्रौद्योगिकी संस्थान, वरंगल  
Director  
National Institute of Technology, Warangal.

  
Dr B N Mohapatra  
Director General  
National Council for Cement  
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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.

<p><b>For National Institute of Technology Warangal, India</b></p> <p><i>N.V.</i></p> <p><b>Prof. NV Ramana Rao</b> Director राष्ट्रीय प्रौद्योगिकी संस्थान, वरंगल NIT Warangal, Director National Institute of Technology, Warangal. 500006 Warangal</p> <p>Dated: 01 January 2021</p>	<p><b>For National Council of Cement and Building Materials</b></p> <p><i>Dr. BN Mohapatra</i></p> <p><b>Dr. BN Mohapatra</b> Director General</p> <p>34 KM Stone, Delhi-Mathura Road (NH-2), Ballabgarh, Haryana - 121004, India</p> <p>Dated: <b>Dr. BN Mohapatra</b> Director General National Council for Cement and Building Materials 34 KM Stone, Delhi-Mathura Road Ballabgarh-121 004</p>
<p><b>Witness:</b></p> <p><i>CSRK Prasad</i></p> <p><b>Name: Prof. CSRK Prasad</b> Designation: <b>Advisor (CRRM)</b></p>	<p><b>Witness:</b></p> <p><i>Kapil Kukreja</i></p> <p><b>Name: Mr. Kapil Kukreja</b> Designation: <b>Manager &amp; Team Leader EG-22</b></p>