



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



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 Bhubaneswar. All the offices are administratively controlled by the registered office at Ballabgarh, Haryana.

National Institute of Technology Karnataka, Surathkal (hereinafter referred to as **NITK**) an institution of National Importance under the NIT Act of Parliament, No.29 of 2007, Government of India, offers programmes at undergraduate, graduate and PhD levels covering the whole spectrum of Engineering, Technology, Science, Management and Humanities. NITK has imparted high quality technical education and established a niche for itself among the top technological universities of the country. NITK is committed to provide high quality education with focus on research and social responsibility.

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

1. NCCBM will facilitate internships/training of NITK students in the related domains.
2. NCCBM and NITK 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 NITK 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 NITK shall explore the possibility of conducting joint seminars / workshops / conferences at national and international levels, in areas of mutual interest.
5. NITK 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 NITK under the joint supervision of a Ph.D guide from NCCBM and NITK and subject to their fulfilling eligibility criteria and all other academic regulations of NITK. The Principal guide may either be from NCCBM or NITK.
6. NCCBM and NITK 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 NITK shall consider the appointment of NITK faculty as adjunct / visiting scientists in NCCBM and similarly the appointment of NCCBM scientists as adjunct / visiting faculty in NITK.



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8. Any dispute/conflict arising during the period of MOU shall be resolved through mutual negotiation and discussion.
9. There will not be any explicit financial commitment from either side towards expenditure to be incurred during the operation of MOU.

NCCBM and NITK 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 NITK 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 NITK.

NCCBM and NITK 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, and a nominee of Director, NITK, as co-ordinators, shall coordinate and monitor the academic and research programmes and all related operational matters within the framework of the academic regulations of NITK 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 is automatically extended for another period of five years, if there is no request from either parties for termination of MoU. This MoU is extended further 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.

