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Two days
National Conference
On
Advances in Construction Materials &
Management (ACMM)

**Call for Papers**

Original and innovative abstracts not exceeding 500 words are invited from Academicians, Researchers, Practicing Engineers, Industry experts and Consultants for submission to the Two days National Conference on Advances in Construction Materials & Management (ACMM). Abstracts shall be submitted by email to acmmnitw@gmail.com on or before 10th October 2022. Note: Please include Name of the author, affiliation, email id, address and contact number in the abstract during submission. Acceptance of abstracts and information for submitting full length papers will be intimated. The submitted full length papers will be sent to a double blinded peer review committee before accepting the final versions. Participants are requested to visit the website <http://cms.nitw.ac.in/conference/acmm2022> for latest updates of ACMM.

For queries, kindly contact Dr. S. Anitha Priyadarshani,
Mail: priyadarshanianitha@nitw.ac.in, Mob: 9489192069

**Two days National Conference**

On

Advances in Construction Materials
&
Management (ACMM)

16th & 17th December 2022



Organised by
Department of Civil Engineering
National Institute of Technology
Warangal, Telangana, India



INTRODUCTION

Construction industry is growing at a rapid rate due to the advancements in the building technologies and use of new construction materials with superior properties. Due to the depletion in the natural resources and increased impetus on non-fossil fuel sources, it has become imperative to think from a sustainable point of view, be it in terms of materials or technology. The challenge now lies in identification and usage of construction materials that are versatile in terms of sustainability, economy, ductility, durability and strength requirements. Also, the construction industry is leveraging technology to make construction management and site operations more efficient and sustainable. The technology landscape is thus changing at an ever-increasing speed continuing with safer, cheaper and quicker solutions. Technological advancements are paving the way for digital transformation in the construction industry. Project managers are now using technology such as BIM, VR to train workers, and even drones to supervise their employees. The construction industry has drastically transformed with improvement in technology.

The intent of organizing this national conference is to provide a platform for academicians, researchers, practicing engineers and scientists to share their knowledge and experiences for a better tomorrow. The theme of conference is "Advances in Construction Materials and Management" covers the state-of-the-art research and technologies related to construction materials and management. It also provides an opportunity to develop network and collaborations with Universities and Industries across the country. This would definitely be a platform for knowledge sharing and getting acquainted with latest developments in the emerging technologies in critical areas of construction. At the end of conference, it is expected to come out with a blue print on modern construction materials and practices.

ABOUT NIT WARANGAL & CIVIL ENGINEERING DEPARTMENT

National Institute of Technology, Warangal (NITW) is one of the premier institutions in the country (established in 1959) imparting technical education B.Tech, M.Tech, M.Sc., M.B.A, M.C.A and Ph.D programs in various specializations of Science and Engineering streams. Warangal is known for its rich historical and cultural heritage. It is situated at a distance of 140 km from Hyderabad. Warangal is well connected by rail and road. National Institute of Technology, Warangal campus is 3 km away from Kazipet railway station and 12 km away from Warangal railway station. The Department of Civil Engineering offers B.Tech, 8 M.Tech and Ph.D programs in Civil Engineering. The Department is a recognized QIP centre since 1978. The Department has well established and well-equipped laboratories. The Department has experienced faculty engaged in teaching, research, capacity building activities and industry extension services. Faculty members represent several policy making and professional bodies. The Department has liaison with reputed industries and R&D organisations.

THEMES

- New/alternate/supplementary construction materials
- Deterioration Mechanisms in construction materials
- Microstructure characteristics of concrete making materials
- Special Concretes
- Recycled aggregate concrete from different sources
- Recent advancements in construction techniques
- Contracts and arbitration process
- Application of various tools in construction technology and management
- Smart materials and construction
- BIM
- Prefabricated and modular construction
- Artificial Intelligence and Machine Learning in Construction
- Future aspects of concrete technology and construction management
- Other related areas

ACCOMODATION

The participants can request for accommodation on payment basis subject to the availability. The participants have to make their own travelling arrangements.

REGISTRATION FEE

Faculty from academic institute: Rs. 2000
Delegates from Industry: Rs. 3000
Co-authors/Participation only: Rs. 1500
Student Authors: Rs. 1000
Foreign Delegates: \$250

VENUE

The venue of conference will be the Seminar Halls Complex, National Institute of Technology Warangal.

IMPORTANT DATES

1. Submission of Abstract: 10th October 2022
2. Notification of Acceptance of Abstract: 15th October 2022
3. Submission of Full length paper: 15th November 2022
4. Notification of Acceptance of Full paper: 30th November 2022
5. Submission of Camera Ready Papers: 10th December 2022
6. Last date of registration: 30th October 2022

SPONSORSHIP

Public and private sector organisations are invited to sponsor the conference. Sponsorship details are follows.

1. Platinum sponsor (with 10 delegates): Rs. 1,00,00
2. Diamond Sponsor (With 8 delegates): Rs. 75,000
3. Gold Sponsor (with 5 delegates): Rs. 50,000
4. Silver Sponsor (with 3 delegates): Rs. 25000

BANK DETAILS

Registration fee shall be remitted through on-line to the following bank details

Account name/Account No: ACMM CIVIL
Bank and Branch: SBI, NIT Warangal
Bank code/IFSC code: SBIN0020149

PROCEEDINGS

Selected papers from the conference will be published in Scopus indexed book and Scopus indexed proceedings.