Two Day National Conference 
on Advances in Sustainable Construction Materials (ASCM)
UNDER TEQIP- III

1. Name:
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3. Organization:
4. Address for Correspondence:

5. Accommodation: YES/ NO
6. Email Id:
7. Mobile No:
8. Are you a Participant/Presenter (Specify?)

9. Theme of the paper:
10. Title of the paper:

11. Online Bank Transfer
Reference No:
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Date:

Place: 
Date: 
Signature of the applicant

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 day National Conference on Advances in Sustainable Construction Materials (ASCM). Abstracts shall be submitted by E-mail to ascmnitv@gmail.com (Note: Please include name of the author, affiliation, email id, address and contact number). Acceptance of the Abstracts and information for submitting full length papers will be intimated. The submitted full length manuscripts be sent to a double blinded peer review committee before accepting the final versions. Selected peer-reviewed papers will be published in Springer nature Singapore Pte Ltd Book Proceedings.
INTRODUCTION

Due to rapid urbanization, the enduring demand for energy, resources and water consumption significantly impacts the global environment. Among all the industrial sectors, construction industry is considered as the most resource intensive sector and emits major portion of GHG emissions. It is also widely accepted that construction sector is the main contributor to sustainable development because it focuses on social advancement, encourages environmental protection and economic growth. Sustainable development is referred as a triple bottom line approach committed towards economic, environmental and social objectives. To design the product for our specific needs using Reduce, Reuse and Replace (3R) it is important to consider the embodied energy of the materials to reduce carbon footprint. The asymptotic growth in urbanization affects the socio-economic indicators, which in turn, imbalances the sustainable ecosystem. With the growth in building and infrastructure facilities, the demand for materials and resources enhance leading to disturbance in the environment and destabilization in sustainability. The challenge before the construction sector lies in providing building materials with reduced environmental burden, improved social benefit, shall be economically feasible and technologically viable to achieve the UN sustainable goals.

The present conference addresses issues related to sustainable construction, materials and technologies. This will be a leading forum where scholars, faculty from engineering colleges and civil engineering practitioners exchange innovations of low energy cement technologies, new materials and systems, and innovative material/structural technologies towards cost-effective, durable, environment-friendly, energy efficiency and sustainability. The development of innovative and non-conventional materials and technologies will also provide a significant role in eradication of poverty, creation of jobs, formation of global partnership for economic progress and social stability. This well-timed event is put together for attendees to get acquainted with new materials and construction technologies to incorporate cutting-edge and economically viable, sustainable solutions, thereby increasing profitability, decreasing construction time and overall impact on the built environment. The meeting brings together a wealth of recent research on the subject. During the conference extensive deliberations on various areas are expected by way of technical presentations, invited and keynote lectures.

ABOUT NIT WARANGAL & CIVIL ENGINEERING DEPARTMENT

National Institute of Technology, Warangal (NITW) formerly known as RECW is the first among thirty one NITs set up in 1959. Over the years, the Institute has established itself as a premier Institution in imparting technical education of a very high standard, leading to 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 road and rail. 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, 7 M.Tech and PhD 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 organizations.

THEMES

- Construction materials and technologies for sustainability, energy efficiency and reduction of carbon footprint.
- Innovations in development of low carbon materials and technologies;
- Life-cycle Assessment of materials;
- Advances in research methodologies and materials testing;
- Durability and performance of construction materials;
- Applications in improving building health through materials and construction development;
- Construction materials/technologies for affordable housing;
- Recycling and Reuse of industrial, agricultural, urban and construction demolished waste;
- Green and renewable energy applications in construction and operation.
- Multi Criteria Decision Making methods for selection of construction materials and technologies.
- Sustainable Concrete solutions
- Sustainable design and strategies for energy efficiency.

ACCOMMODATION

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 Institutes: ₹ 2000
- Delegates from Industry: ₹ 3000
- Co-Authors/Accompanying persons: ₹ 1500
- Student Authors and Delegates: ₹ 1000
- Foreign Delegates: $ 250

Participants are requested to visit the website www.nitw.ac.in under workshops/conference to see the latest updates of ASCM.

VENUE

The Venue of the Conference will be the Seminar Halls Complex, National Institute of Technology, Warangal.

IMPORTANT DATES

1. Submission of Abstract: 15th Dec 2018
2. Notification of acceptance of Abstract: 25th Dec 2018
3. Submission of Full Length paper: 25th Jan 2019
4. Notification of Acceptance of Full paper: 10th Feb 2019
5. Submission of Camera Ready papers: 15th Feb 2019
6. Last Date of Registration: 28th Feb 2019

SPONSORSHIP

Public and Private Sector organizations are invited to sponsor the conference. The sponsorship details are as follows.

1. Principal Sponsor (With 10 Delegates): ₹ 1,00,000
2. Chief Sponsor (With 6 Delegates): ₹ 75,000
3. Major Sponsor (With 3 Delegates): ₹ 50,000
4. Co-Sponsor (With 2 Delegates): ₹ 25,000

Principal sponsor and Chief sponsor will have the privilege to exhibit their products near the conference area.

BANK DETAILS

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

Account Name/Account No TEQIP-III Funds/37583198741
Bank and Branch: SBI, NIT Warangal Branch
Bank Code/IFSC code: 20149, SBIN0020149