

ABOUT THE INSTITUTION

SRM Institute of Science and Technology (Formerly known as SRM University) is one of the top ranking University and most premier engineering destinations in India. It is established in 1985 by the Founder Chancellor Dr. T. R. Paarivendhar. SRM IST is functioning in four campuses located at Kattankulathur, Vadapalani and Ramapuram in Tamil Nadu and a fourth campus at Modi Nagar, Ghaziabad with over 50,000 students and 3,200 faculty members,offering wide range of undergraduate, postgraduate and doctoral programs in Engineering, Management, Medicine & Health Sciences, Law and Science & Humanities. The Institution has moved up through international alliances and collaborative initiatives to achieve global excellence. Over 150 students sponsored to 35 foreign Universities like MIT, Carnegie Mellon, UC Davis, Warwick and Western Australia. Now the Institute enjoys an unsurpassed reputation in academic and corporate circles being the preferred manpower source for vision to be recognized as a world - class learning institution. SRM IST has been placed as category A by Ministry of Human Resource Development (MHRD); Government of India. SRM IST is accredited by NAAC with A+ + Grade in the year 2018 and has been classified as category I university under section 12B by UGC. QS-IGAUGE has awarded SRM IST with a Diamond university rating and also it has been awarded a Four Star rating by Quacquarelli Symonds ('QS').

ABOUT THE DEPARTMENT

The Department of Civil Engineering is one of the oldest and well-established departments in SRM. The undergraduate program in Civil Engineering includes civil engineering subjects and also offers value education, foreign languages, industrial training, personality development courses, yoga, instrumentation, computers, management, economics etc., as part of the curriculum, which are essential requirements for any successful Civil Engineer. Students gain practical experience from field visits to industries, dams and irrigation structures, construction sites, etc. The department's range of postgraduate programs includes core courses as well as electives and independent study. Postgraduate programs are offered in Structural Engineering, Construction Engineering and Management, RS&GIS, Environmental Engineering, and Geotechnical Engineering. Students gain training in their field of study through summer internships. doctoral research areas that are being pursued include concrete technology, structural systems, concrete bridges, soil-structure interaction, modern construction materials, environmental studies and wetland management.

Well qualified and experienced faculty members form the department. They specialized in structural, geotechnical, environmental, water resources, transportation, construction engineering and management, remote sensing and GIS. The faculty members contribute to academic development by publishing books and presenting papers in international and national conferences. The labs are well equipped with state of the art equipment.

B.Tech Civil Engineering programme at Kattankulathur Campus is accredited by Engineering Accreditation Commission (EAC) of ABET. (www.abet.org).

ABOUT THE PROGRAM

Construction materials plays an integral part of every building and infrastructure projects. Reinforcement steel, cement, fine and coarse aggregate and finishing materials are the traditional construction materials. Upon continuous usage of these materials, there is a necessity to identify new materials that are durable and sustainable. This need of research ignited several research contribution towards materials science domain. Newly found eco-friendly modified secondary cementitious materials, Energy efficient materials, advanced finishing materials, and admixtures transform building and infrastructure projects into new dimensions. In spite of recent inventions towards new materials in practice at civil engineering sector, it is still a potential research domain. Modernistic construction materials will improve the quality and sustainability of buildings and infrastructure projects.

Construction management aims to complete the construction project within planned time and cost; but in practice, it is challenging to perform it. Because, several factors affect the progress of construction project. Researches produced extensive contributions to manage the construction project. The type of management concept ranges from fast track, project management, resource management, BIM, lean principles to industrial internet of things. All the latest research domain concentrates on timely completion of the project with its objectives. Implementation of BIM, lean principles, IoT and optimisation approaches are still challenging inventions to implement in the construction projects. Further research contributions about implementing these modernistic approaches in practice are required to attain its benefits.

ACMM-2021 aims to bring together leading academic scientists, researchers and research scholars to exchange and share their experiences and research outcomes on all aspects of advancements in construction materials and management approaches. It also provides a premier interdisciplinary platform for researchers, practitioners and educators to present and discuss the most recent innovations, modern trends, and concerns as well as practical challenges encountered and solutions adopted.

THEME

ARCHITECTURE AND URBAN PLANNING

- History of Architecture and the Built Environment
- Town Planning
- Architecture and Environmental Design
- Architecture and Building Materials
- IT in Architecture Design

MATERIALS SCIENCE AND ENGINEERING

- Local and Recycled Materials
- Secondary Materials
- Smart Materials and Structures
- Hydraulic Engineering Material
- Composites
- Amorphous Materials
- Nanomaterials, Biomaterials
- Multifunctional Materials

- Engineering Polymers
- Functional Materials
- Magnetic Materials

CIVIL AND CONSTRUCTION ENGINEERING

- Developments in Construction
- Structural Materials and Engineering
- Building Technology
- Environmental Management
- GIS in Construction Application
- Transportation Materials and Engineering
- Geotechnical Applications in Construction
- Applications of Software Construction
- Renovation and Demolition
- Value Engineering
- Computational Modelling
- Advancements in Concrete
- Advancement in MEP

CONSTRUCTION MANAGEMENT

- Construction Safety and Health
- Organizational Research
- Energy and Sustainability
- Automation
- Smart Cities
- Building Information Modeling
- Green Building Technologies and Materials
- Contract Management
- Risk, Delay and Safety Management
- Scheduling Programs
- Analytical Case Studies
- Trends in Project Management

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## REGISTRATION FEE

Category	Registration Fee	
	Indian (Rs.)	Foreign (USD)
Students / Research Scholar	500	50
Academicians	600	75
Industry Participants	800	100

## IMPORTANT DATES

Extended date for submission of abstract : 19/02/2021  
Acceptance notification : 23/02/2021  
Last date for registration : 03/03/2021  
Final paper submission as per the format : 12/03/2021

**Note :** All the submitted papers will be peer reviewed and further arrangements will be made to publish the selected papers in SCOPUS Indexed and Web of Science Journals (only papers presented in the conference will be considered for inclusion). The journals are short listed from the sources as on January 2021.

The accepted articles will be published with additional Article Processing Fee if any.

The tentative journal list is as follows :

- 1. Journal of Engineering Research**  
ISSN:2307-1877, Scopus, SCI (IF-0.51)
- 2. International Journal of Information Science and Engineering**  
ISSN:1016-2364, Scopus, SCI (IF-0.54)
- 3. Global Journal of Environmental Science and Management**  
ISSN:2383-3866, Web of Science, SCI (IF-0.63)
- 4. Lecture Notes in Civil Engineering- Springer**  
ISSN: 2366-2557, Scopus
- 5. AIP Conference Proceedings**  
ISSN:0094-243X, Scopus
- 6. Journal of Advanced Research in Fluid Mechanics and Thermal Sciences**  
ISSN: 2289-7879, Scopus

## PAYMENT DETAILS (UPI / NEFT / IMPS Transfer)

Bank : INDIAN BANK  
Branch : KATTANKOLATHUR  
A/c. Name : CIVIL ENGG ASSOCIATION  
A/c. No : 459777789  
IFSC Code : IDIB000S181

## REGISTRATION LINK

<https://forms.gle/2Tk7Yqtxv1B5cXy18>

## WEBLINK

<https://www.srmist.edu.in/acmm-2020/>

## ADDRESS FOR COMMUNICATION

**Dr. K. S. SATYANARAYANAN**  
Conference Convener  
Department of Civil Engineering  
SRM Institute of Science & Technology  
Kattankulathur - 603203. Chengalpattu (DT), Tamil Nadu.

**MAIL ID :** [acmm2021@srmist.edu.in](mailto:acmm2021@srmist.edu.in)

## CONTACT PERSONS:

**Dr. L. KRISHNARAJ** : +91 99947 82050  
**Dr. M. BALASUBRAMANIAN** : +91 87546 06499

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INSTITUTE OF SCIENCE & TECHNOLOGY  
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Jointly with



# 1<sup>st</sup> International Conference on ADVANCES IN CONSTRUCTION MATERIALS AND MANAGEMENT (ACMM-2021)

In virtual mode on 25<sup>th</sup> & 26<sup>th</sup> March 2021



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