



SRM
INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University u/s 3 of UGC Act, 1956)

FIRST ANNOUNCEMENT

**National Conference
on**

MATERIALS AND SUSTAINABILITY IN CIVIL ENGINEERING (MSCE-2022)

01st & 2nd July 2022 (Virtual Mode)

MSCE-2022



CONVENERS

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Organized by

**Department of Civil Engineering
College of Engineering and Technology
SRM Institute of Science and Technology
Kattankulathur - 603203, Chengalpattu (Dt.), Tamil Nadu, India**

IN SUPPORT WITH



IN ASSOCIATION WITH



**SRMIST IGS
STUDENT CHAPTER**

ABOUT THE INSTITUTION

SRM Institute of Science and Technology (Formerly known as SRM University) is one of the top-ranking University in India. It was established in 1985 by the Founder Chancellor Dr. T. R. Paarivendhar. SRM IST is currently functioning in five campuses located at Kattankulathur, Ramapuram, Vadapalani and Trichy in Tamil Nadu and the fifth campus at Modi Nagar, Ghaziabad with over 52,000 students and 3,200 faculty members, offering wide range of undergraduate, postgraduate and doctoral programs in six faculties: Engineering & Technology, Management, Medicine & Health Sciences, Science & Humanities, Law and Agricultural Sciences. The Institution has moved up through international alliances and collaborative initiatives to achieve global excellence. Over 200 students sponsored to pursue higher education in 35 foreign Universities like MIT, Carnegie Mellon, UC Davis, Warwick, Western Australia and so on. Now the Institute enjoys an unsurpassed reputation in academic and corporate circles being the preferred manpower source with a vision to be recognized as a world - class learning institution. SRM IST has been placed as category 'A' by the 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 12 B by MHRD-UGC. SRMIST is globally rated as 'Four Star' University by renowned ranking agency QS and given 'Diamond' Rating by QS-IGAUGE in Indian context.

ABOUT THE DEPARTMENT

The Department of Civil Engineering is one of the eldest and well-established departments in SRM IST. The department offers two undergraduate programs namely Civil Engineering and Civil Engineering with Computer Applications and five postgraduate program includes: Structural Engineering, Construction Engineering Management, Geotechnical Engineering, Environmental Engineering and Remote Sensing and GIS and Ph.D program. In addition to this it also offer value education, foreign languages, industrial training, personality development courses, yoga, instrumentation, computers, management, and economics etc., as part of the curriculum, which are essential requirements for any successful Civil Engineer. Students gain practical experience from field visits, industries visits, visit to dams and irrigation structures, construction sites, etc. Students gain training in their field of study through summer internships. The thrust research areas of the department are concrete technology, structural systems, concrete bridges, soil-structure interaction, modern construction materials, environmental studies and wetland management etc. The faculty members contribute to academic and research development by publishing books and presenting papers regularly in international and national conferences. All the laboratories are well equipped with state-of-the-art equipment's.

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

ABOUT THE CONFERENCE

Materials and Sustainability in Civil Engineering (MSCE-2022) is an amalgamation of academicians and researchers to come up with innovative solutions for contemporary industrial problems. Sustainability is highly imperative in Civil Engineering to meet the future demands. The main focus of MSCE-2022 are the detailed study of construction materials and scope of sustainability with respect to Civil Engineering. The two-day programme will witness the pooling of scientific information from academic and research communities globally. The conference will be a one stop destination that caters solutions to all industrial challenges – reduce material wastage, reuse and recycle materials, time and cost-effective projects, solutions to societal benefits and better indoor living. It aims to develop a well-connected hub of people who develop sustainable materials and to bridge the gap between research and practice. Latest findings and solutions (economic, environmental and social) will be presented and disseminated to tackle global issues related to sustainability in the field of Civil Engineering.

CONFERENCE THEME

**Supplementary Cementitious Materials
Sustainable Development of Civil Infrastructures
Green Buildings and Green Architecture
Low Energy Materials
Ground Improvement Techniques
Building Information Modelling
Innovation in Construction Materials and Structures
Repair and Rehabilitation of Structures
Sustainable Geotechnics
Nano and Biotechnology in Environmental Engineering
Geo-Environmental Engineering**

**Air Pollution and Modelling
Renewable Energy
Sustainable spatiotemporal analysis in RS and GIS
Flood Hazard Forecasting and Assessment
Bituminous Mixture Material Characterization
Transportation Engineering
Water Resources Management and Systems
Coastal Hydrodynamics
Sustainable Bio-Materials
Soft Computing
Disaster Management System**

.....But not Limited to the above.....

CALL FOR PAPERS

The organizers invite the researchers, scholars, professionals in industry and academics authors to submit the abstracts not exceeding 300 words on their original and extended research for presentation under any of the specified themes of MSCE-2022.

Abstract shall be sent by e-mail as per the template given in the website.

PUBLICATIONS

All the submitted papers will be peer reviewed and further arrangements will be made for publication. Selected papers will be published in Journals indexed in Scopus, SCIE, Web of Science and SCI (Only papers presented in the conference will be considered for inclusion) with additional processing charges, if any.

Submit the abstract to: msce2022@srmist.edu.in

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Dr. C. Velan, Ascendas, Chennai
Dr. Harshavardhan Subbarao, Construma Consultancy Pvt Ltd, Mumbai

VISION AND MISSION OF THE CIVIL ENGINEERING DEPARTMENT

Vision

To become a frontier in various fields of Civil Engineering education and research to meet national and global challenges in accordance with the societal needs.

Mission

To move up through international alliances and collaborative initiatives in civil engineering to achieve global excellence
To accomplish a process to advance knowledge in a rigorous research environment related to civil engineering and allied disciplines
To attract and build people in a rewarding and inspiring environment by fostering freedom, empowerment, creativity and innovation.

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

PEO – 1 Graduates will pursue higher studies in civil engineering, management, and other related fields.
PEO – 2 Graduates will perform as professional engineers in the fields of civil engineering.
PEO – 3 Graduates will perform in diverse fields and gradually move into teamwork and leadership positions.
PEO – 4 Graduates will contribute to the development of the profession, nation and society.



Dr. S. R. Gandhi

IIT Gandhinagar Palaj,
Gujarat



Er. S. Rajendran

Senior Engineer
Maurice Lee and Associates Lts,
Hong Kong



Dr. Kuang Yen Liu

Professor
National Cheng Kung University,
Taiwan



**INVITED
SEPAKERS**

Er. KRS Narayan

Business Leader
(CO₂ Abatement Initiatives
and Economic Intelligence)
Reliance Industries Limited



Er. Jayasankar K

Senior Vice President,
UltraTech cement Limited
Mumbai



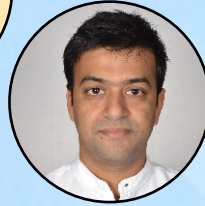
Dr. Suneel Kumar Joshi

Lead Water Sector Analyst
Geo Climate Risk Solutions Pvt. Ltd,
Kanpur, Uttar Pradesh



Er. Ashwin Ramkumar

Director
K.S. Venkatraman & Co. Pvt. Ltd.
Chennai



REGISTRATION FEE

Category	Registration Fee	
	Indian (Rs.)	Foreign (USD)
Students / Research Scholar	500	30
Academicians	750	50
Industry Participants	1000	60

PAYMENT DETAILS (UPI / NEFT / IMPS Transfer)

Bank Name	:	INDIAN BANK
Branch	:	KATTANKOLATHUR
Name of the Account	:	CIVIL ENGG ASSOCIATION
Account Number	:	459777789
IFSC Code	:	IDIB000S181

IMPORTANT DATES

Submission of abstract	30.04.2022
Abstract acceptance notification	06.05.2022
Submission of full length paper as per the format	15.05.2022
Acceptance notification of full length paper	06.06.2022
Registration time period	13.06.2022 to 23.06.2022

ADDRESS FOR COMMUNICATION

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