Conference Objectives

1. To provide a global platform for presenting and discussing advances in modelling, simulation, data driven technologies, and digital transformation for civil infrastructure.
2. To promote translational research and technology transfer by bridging the gap between scientific innovation and real-world engineering practices.
3. To foster collaboration among academia, industry, government agencies, policymakers, and practitioners for developing smart, sustainable, and climate-resilient infrastructure.
4. To encourage interdisciplinary research and global partnerships that advance engineering solutions aligned with the United Nations Sustainable Development Goals (SDGs).

Conference Patrons

Chief Patron — Janab. Shahal Hassan Musaliar, Chairman, TKM Trust

Patron — Janab. Jalaluddin Musaliar, Treasurer, TKM Trust

President

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Convenor

HOD — Dr. Adarsh S, Dept. of Civil Engineering

Coordinators

Dr. Kavitha Madhu
Associate Professor
Email: kavithamadhu@tkmce.ac.in
Mobile: +91 87545 00674

Dr. Hasim Suhaib K
Assistant Professor
Email: hasimsuhaib@tkmce.ac.in
Mobile: +91 94951 49226

Dr. Sreeja Balakrishnan
Assistant Professor
Email: sreejabalakrishnan30@tkmce.ac.in
Mobile: +91 99870 22091

Contact

Department of Civil Engineering
TKM College of Engineering
Kollam - 691005, Kerala, India
Website: https://icmsc.org.in
Email: icmsc@tkmce.ac.in

ICMSC 2026
INTERNATIONAL CONFERENCE ON MODELING AND SIMULATION IN CIVIL ENGINEERING

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ICMSC 2026

Translational Research into Practice: Data-Driven and Digital Technologies for Sustainable and Resilient Civil Infrastructure

ICMSC 2026
INTERNATIONAL CONFERENCE ON MODELING AND SIMULATION IN CIVIL ENGINEERING

DATES 15 – 17 DEC 2026

Organised by
Department of Civil Engineering
TKM College of Engineering,
Kollam, Kerala, India

TKM College of Engineering

Established in 1958, TKM College of Engineering (TKMCE), Kollam, is a premier institution and one of Kerala's oldest engineering colleges. An autonomous, government-aided institution accredited with NAAC 'A' Grade and NBA-accredited programmes, TKMCE is internationally recognized for its academic excellence, research, innovation, industry engagement, and global collaborations, creating an inspiring environment for engineering education and impactful societal transformation.

Department of Civil Engineering

The Department of Civil Engineering at TKM College of Engineering is a distinguished centre for education, research, and innovation. Offering Undergraduate, Postgraduate, and Doctoral (Ph.D.) programmes, the department is recognized for academic excellence, advanced laboratories, impactful research, industry consultancy, international collaborations, and developing engineering solutions that create a sustainable and positive societal impact.

About ICMSC

Since its inception in 2011, ICMSC has established itself as a globally recognized biennial conference with international participation and publications by reputed publishers. It provides a vibrant platform for researchers, academicians, industry professionals, and policymakers to exchange ideas, foster collaboration, and advance civil engineering research.

Conference Theme

Translational Research into Practice

From Ideas to Impact
From Innovation to Implementation

The future of civil infrastructure lies in transforming research into action. ICMSC 2026 showcases how advanced modelling, simulation, artificial intelligence, digital technologies, and data-driven approaches can be translated into practical, scalable, and sustainable engineering solutions. By connecting academia, industry, and policymakers, the conference accelerates innovation that builds resilient infrastructure and creates meaningful impact for society.

Conference Tracks

Resilient Structural and Built Systems
Structural Design & Analysis • Structural Dynamics • Durability & Service Life
Retrofitting & Rehabilitation • Resilient Structural Design • Sustainable Structures
Structural Reliability • Structural Health Monitoring

Geotechnical and Subsurface Systems
Soil & Rock Characterization • Foundations & Ground Improvement
Soil–Structure Interaction • Slope Stability • Underground Engineering
Geo-Environmental Engineering • Geotechnical Modelling

Transportation and Intelligent Mobility Systems
Transportation Engineering • Traffic Modelling • Intelligent Transportation Systems
Pavement Materials • Sustainable Mobility • Traffic Safety • Traffic Analytics
Digital Transport

Climate-Adaptive Hydro-Environmental Systems
Hydraulics & Hydrology • Water Resources • Irrigation & Watersheds
Urban Drainage • Wastewater & Environment • Floods & Coastal Resilience
Climate Adaptive Systems • Environmental Modelling

Smart and Sustainable Materials and Construction Practices
Sustainable & Recycled Materials • Low-Carbon Construction • Project Management
BIM & Digital Twins • Construction Automation • AI-Driven Optimization
Lifecycle Management

Indigenous Knowledge and Regional Solutions
Context-Responsive Planning • Regional Engineering Practices
Vernacular Architecture • Bio-Based Materials & Nature-Based Solutions
Climate-Resilient Design • Community-Based Infrastructure • Regional Case Studies

Important Dates

Activity	Deadline
Extended Abstract Submission	25 August 2026
Acceptance Notification (Extended Abstracts)	15 September 2026
Early Bird Registration	On or before 25 September 2026
Regular Registration	26 September — 25 October 2026
Late Registration	After 25 October 2026
Full Paper Submission	31 October 2026
Reviewer's Comments Notification	30 November 2026
Revised Paper Submission	10 December 2026
Conference Dates	15- 17 December 2026

Registration & Publication

Registration Charges

Category	Registration		
	Early Bird	Regular	Late
Students (UG/PG/Research Scholars)	₹ 1,500	₹ 2,000	₹ 2,700
Faculty / Industry Professionals	₹ 3,000	₹ 3,500	₹ 4,200
International Participants	USD 200	USD 250	USD 320
Participants (Without Paper Presentation)	₹ 1,000	₹ 1,250	₹ 1,700

At least one author of each accepted extended-abstract must register to be eligible for full-paper submission.

Publication Opportunities

- Indian Concrete Journal (ICJ)
- IOP Conference Series: Earth and Environmental Science (IOP Publishing)
- ASCE Conference Proceedings

- Full papers with at least one registered author will be published in the ICMSC 2026 Conference Proceedings (ISBN).
- Selected high-quality full-length papers may also be considered for publication in SCI- or Scopus-indexed journals, conference proceedings, or edited book volumes, subject to the scope, editorial policies, and peer-review process of the respective publisher.

For More Details: Please Check our website
Website: https://icmsc.org.in
Email: icmsc@tkmce.ac.in