



International Conference on Sustainable Practices and Materials in Civil Engineering (SPMCE 2026)

28-30 May 2026

(In hybrid mode)

Organized by



Department of Civil Engineering
National Institute of Technology Jamshedpur
Jamshedpur, Jharkhand, India

About NIT Jamshedpur:

National Institute of Technology Jamshedpur is an Institution of National Importance, by an Act of Parliament (Act 29 of 2007) namely, the National Institutes of Technology Act, 2007, which received the assent of the President of India on the 5th June, 2007. This was formerly known as Regional Institute of Technology (RIT) Jamshedpur and was established on 15th August 1960 with the aim of nurturing young engineers for economic growth of the Nation. NIT Jamshedpur is situated in the western part of the city Jamshedpur. The flowing river Kharkai and picturesque backdrop of low hills on one side, and large tracts of forest on the other side, make the 341.3 acres of hilly campus an ideal place for higher learning and research. The Institute offers B. Tech (Hons.), M. Tech, MSc, MCA and PhD degrees in 12 departments including engineering, science and humanities. Major attractions in Jamshedpur include Jubilee Park, Dimna Lake, Dalma Wildlife Sanctuary, Tata Steel Zoological Park, Hudco Lake, Bhatia Park, and Rivers' Meet (Domuhani), offering scenic beauty and leisure activities.

Venue:

Department of Civil Engineering, National Institute of Technology Jamshedpur, Jamshedpur, Jharkhand – 831014.

How to reach the Institute:

NIT Jamshedpur is well connected by Rail and Bus. The Campus is about 8.5 km from Tatanagar Railway Station.

Accommodation:

Nearby accommodations include Novanta Hotel, The Onyx, The Boulevard, etc., all offering comfortable stays near the campus.

About Conference:

SPMCE 2026 aims to provide a platform for academicians, industry professionals, and policymakers to explore innovative sustainable practices and materials in Civil Engineering. The exponential growth of the global population and its resultant incessant industrialization and urbanization have initiated an enormous demand for infrastructure creation. At the same time, the pressing concerns of climate change and stringent environmental regulations pose a strong challenge to construct every infrastructure in the most eco-friendly manner. Consequently, contemporary Civil Engineering practices have witnessed a paradigm shift from efficient construction to sustainable and resilient construction. Moreover, the global geo-political scenario strongly endorses sustainable practices while improving the quality, safety, and pace of construction. These efforts extend across the spectrum of civil engineering: structural engineering (smart and resilient buildings, retrofitting, and sustainable materials), geotechnical engineering (sustainable geomaterials, smart ground improvement, and hazard mitigation), transportation engineering (green mobility, durable pavements, and intelligent systems), water resources engineering (climate-resilient water management and sustainable drainage), and environmental engineering (waste management, renewable energy integration, and pollution control). In this context, NIT Jamshedpur through SPMCE 2026 will provide a platform to bring together internationally renowned speakers, researchers, students, industry professionals, and policymakers to share real challenges, novel ideas, and significant research outcomes across these diverse themes. This collective knowledge exchange is expected to foster future collaborations with reputed institutions and industries worldwide, ultimately driving forward the agenda of sustainable and resilient civil engineering practices.

Keynote Speakers



Prof.
Sudha Goel,
IIT Kharagpur



Prof.
Animesh Das,
IIT Kanpur



Prof.
Prabir Kolay,
Southern Illinois
University



Prof.
Subrata
Chakraborty,
IIST Shibpur



Prof.
Dipak Jadhav
Korea Maritime and
Ocean University



Prof.
Anand Sreeram,
University of
Nottingham

Theme of SPMCE 2026: Challenges in Modern-day Civil Engineering, its sustainable solutions and practices.

Structural Engineering:

Sustainable and resilient building materials, Seismic and disaster-resistant structures, Advanced construction technologies and AI applications, Smart structures and infrastructure monitoring, Retrofitting and rehabilitation of old structures, Green building design and energy efficiency, Resilient infrastructure for climate adaptation.

Geotechnical Engineering:

Sustainable Geomaterials and Ground Improvement, Climate Change and Geotechnical Hazards, Digital and Smart Geotechnics for Sustainability, Energy Geotechnics, Transportation Geotechnics, Foundations for high-rise and offshore structures, Landslide and slope stability analysis, Underground construction and tunneling advancements.

Transportation Engineering:

Smart and sustainable urban transportation systems, Green roads and highways, Innovations in railway, airport, and port engineering, Traffic modeling and intelligent transport systems, Pavement materials and durability advancements.

Water Resources Engineering:

Climate-resilient water management, Flood control and hydraulic structures, Smart irrigation and precision agriculture, Groundwater management and conservation, Sustainable urban drainage systems (SUDS).

Environmental Engineering:

Waste management and circular economy, Air and water pollution control technologies, Renewable energy in civil infrastructure, Sustainable wastewater treatment and reuse, Climate change adaptation in civil engineering.

Miscellaneous & Emerging Trends:

AI, IoT, and automation in civil engineering, Digital twins and BIM, Challenges in large-scale construction project management, Role of 3D printing and modular construction, Policy frameworks and regulations for sustainable practices in Civil Engineering.

(With Virtual Presentation)

Technical Advisory Committee

(Alphabetically)

Dr. Akhilesh Kumar Maurya, Professor, IIT Guwahati.
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Dr. Ashish Bhaskar , Queensland University of Technology.
Dr. Ashish Verma, Professor, IISc Bangalore.
Dr. Brajesh Kumar Dubey, Professor, IIT Kharagpur.
Dr. Devendra Narain Singh, Professor, IIT Bombay.
Dr. Guna Hewa Alankarage, University of South Australia.
Dr. Jean-Michel Pereira, Professor, ENPC, France.
Dr. Krishna R. Reddy, Professor, University of Illinois Chicago.
Dr. M. Amaranatha Reddy , Professor, IIT Kharagpur.
Dr. Manoranjan Parida, Professor, IIT Roorkee.
Dr. Roberto Gaudio, Professor, Università della Calabria, Italy.
Dr. Satish Chandra, Professor, IIT Roorkee.
Dr. Siddhartha Ghosh, Professor, IIT Bombay.
Dr. Sondipon Adhikary, Professor, University of Glasgow.
Dr. Subhamoy Bhattacharya, Professor, University of Surrey.
Dr. Subrata Chakraborty, Professor, IIST Shibpur.

Complete list will be updated soon

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Contact Info:

Mob.: 9843640390 (Dr. J. Jayapal), 6294069097 (Dr. U. Ghosh),
7002844025 (Dr. Arnab K. Sinha).

Call for Papers

It is indeed a pleasure for us to invite you to submit your original and unpublished research outcome in the form of technical paper to present and publish in SPMCE-2026. Prospective authors are requested to send abstracts on the above mentioned themes of about 300 words through the below mentioned link: <https://forms.gle/9DZApob5GAMJfUic7> or scan:



Selected papers from the conference are likely to be published by Springer as part of the Lecture Notes in Civil Engineering (LNCE) (<https://link.springer.com/series/15087>) book series. The number of pages must be an even number and not more than 8. For templates and author guidelines, please visit our website: <https://sites.google.com/view/spmce-2026>.

Important Dates

Last Date for Abstract Submission	15-12-2025
Notification of Acceptance	31-12-2025
Last Date for Paper Submission	31-01-2026
Notification of Paper Acceptance	15-03-2026
Last Date for Submission of Camera Ready Paper	15-04-2026
Registration Deadline	30-04-2026

Registration

Delegates should complete the registration by paying the appropriate conference fee and through the link: <https://forms.gle/WksonuZNgjs32wXG7>.

Delegate Type	Indian (Virtual Mode)	Foreign (Virtual Mode)	Indian (Physical Mode)	Foreign (Physical Mode)
Student	Rs. 1500	\$ 150	Rs. 5000	\$ 250
Academician	Rs. 4000	\$ 250	Rs. 7000	\$ 350
Industry Professional	Rs. 6000	\$ 400	Rs. 8000	\$ 450
Accompanying Person	NA	NA	Rs. 3000	\$ 200

Sponsorship (Visit website for more details)

Sponsorship Category	Amount	Benefits package
Platinum	Rs. 75000	Free registration for 5 delegates, Space for Exhibition, Session Opportunity, Advertisements
Gold	Rs. 50000	Free registration for 3 delegates, Space for Exhibition, Session Opportunity, Advertisements
Silver	Rs. 25000	Free registration for 2 delegates, Advertisements

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