



Graphic Era
deemed to be **University**
DEHRADUN

In collaboration with —



UNIVERSITY OF
SURREY

2nd INTERNATIONAL CONFERENCE ON

Advanced Intelligent Sustainable Technologies, Materials & Infrastructure

11th-12th September 2026

Organized by:
Centre for Promotion of Research, GEU and
Department of Civil Engineering, GEU

About Us



Near the Himalayan foothills in the lap of Doon valley, Graphic Era (Deemed to be University) is the culmination of the vision of its founder, **Prof (Dr.) Kamal Ghanshala**, in the form of Graphic Era Institute (1996) which was accorded the status of Deemed University in 2008. Located near the cantonment area, in calm and picturesque surroundings, along Rajaji National Park, with a backdrop of Shivalik hills, the university offers an amicable atmosphere and ambience suited to academic pursuits. In 2015 Graphic Era University was accredited by NAAC with Grade 'A'. In 2022 Graphic Era University is accredited with NAAC Grade 'A+'. **Rank 52 in the Engineering Category by MHRD**, Government of India in NIRF 2025.

Centre for Promotion of Research

The Centre for Promotion of Research (CPR) at Graphic Era (Deemed to be) University, Dehradun, serves as the central body for facilitating and strengthening research activities across various disciplines. The Centre plays a vital role in fostering a research-oriented environment by supporting faculty members, researchers, and students in undertaking high-quality research and innovation. It actively promotes interdisciplinary collaboration, encourages and facilitates the acquisition of funded research projects from government and industry agencies. The CPR also oversees research policies, ethical practices, intellectual property rights, and patent filing processes, thereby ensuring that research activities adhere to established academic and professional standards. Through workshops, seminars, and training programmes, the Centre continuously enhances research capabilities and contributes to the overall advancement of knowledge and technology within the University.

Conference Overview



AISTMI-2026 welcomes researchers, engineers, scientists and industry professionals with a view to initiate an innovative dialogue on academic and technical exchange amongst Civil Engineers. The conference aims to encourage deep-dive deliberations on diverse topics in physical inventions and engineering and will feature keynote speeches delivered by eminent persons and informative, interactive technical sessions. Original research articles are invited from academicians, research scholars, Engineers and industry professionals. Selected peer-reviewed papers will be published in a SCOPUS indexed journal. (Additional charges apply as per journal)

Keynote Speakers



Dr Lei Xing

University of Surrey
England



**Prof. KV
Jayakumar**

Civil & Infrastructure
Engineering Department, IIT
Dharwad, India



Dr Tanvi Singh

University of the West of
England, Bristol, UK



Dr. Ilenia Farina

Department of Engineering,
University of Naples
Parthenope, Italy



Dr. Sovik Das

Civil Engineering Department,
IIT Delhi



**Dr. Siraj
Mohammad
Pandhiani**

Jubail Industrial College,
Saudi Arabia



Dr. Nuno Bimbo

Department of Chemical
Engineering,
University of Southampton



**Prof. Pramod K
Singh**

Centre of Excellence in Solar
Cell and Renewable Energy,
Sharda University, India



**Prof. Mexitli Eva
Sandoval Reyes**

Professor in Sustainable
Technologies at TECNOLÓGICO
DE MONTERREY, Mexico



Dr. Devendra Saroj

Head, Head of Centre for
Environmental and Biomedical
Engineering, Fellow of Institute
for Sustainability, University of
Surrey



**Prof. Paratibha
Aggarwal**

Professor, Department of
Civil Engineering, NIT
Kurukshetra



**Dr. Yogesh
Aggarwal**

Assistant Professor, Dept. of
Civil Engineering, NIT
Kurukshetra

Conference Themes

The conference welcome papers on the following research topics (but are not limited to):

Theme 1

Theme 1: Innovations in Geotechnical Engineering

- Soil mechanics and ground improvement techniques
- Sustainable geotechnical solutions
- Innovative foundation design approaches
- Eco-friendly soil stabilization methods
- Resilient ground improvement practices
- Advanced soil testing and numerical modeling
- Integration of geotechnical engineering with environmental and climate sciences

Theme 3

Hydrogen and Alternative Energy Technologies

- Hydrogen production, storage, and distribution
- Advances in fuel cell technologies
- Biofuels and their role in energy systems
- Carbon-neutral and low-emission energy solutions
- Integration of alternative energy in infrastructure systems
- Emerging sustainable energy technologies
- Coupling of energy systems with environmental and infrastructure engineering

Theme 2

Sustainable Water and Environmental Systems

- Environmental systems and materials for sustainable water technologies
- Efficient and integrated water management systems
- Bio-electrochemical energy generation technologies
- Advanced wastewater treatment methods
- Nature-based solutions for environmental conservation
- Pollution control and remediation techniques
- Hydrological modeling and water resource assessment
- Interdisciplinary approaches combining hydrology, ecology, and engineering



Theme 4

Sustainable Infrastructure and Green Development

- Eco-friendly and low-carbon construction materials
- Sustainable infrastructure planning and design
- Circular economy approaches in construction
- Green urban development and smart cities
- Smart and resilient infrastructure technologies
- Use of renewable and recycled materials
- Multidisciplinary design integrating materials science, architecture, and civil engineering

Theme 5

Intelligent Systems and Data-Driven Solutions

- Machine learning applications in engineering
- AI-based optimization in design and construction
- GIS and UAV applications in infrastructure planning
- Data-driven decision-making in civil engineering
- AI-Based Multi-Organ Biomarkers for Early Renal Failure Detection
- Cyber-Resilient Metaverse Communication in B5G Networks
- Smart IT integration in construction processes
- Predictive analytics for infrastructure systems
- Integration of computer science, data analytics, and engineering systems

Theme 6

Environmental Management and Advanced Technologies

- Risk assessment and management in urban systems
- Resilient and adaptive construction technologies
- Environmental impact assessment methodologies
- Robotics and automation in construction
- Mathematical and computational modeling for optimization
- Green technologies for sustainable development
- Cross-disciplinary approaches linking engineering, environmental science, and policy

Theme 7

Governance, Education, and Assessment

- Circular economy in management
- Circular modular systems
- Circular business models and sustainable entrepreneurship
- Circular supply chains
- Policy frameworks for sustainable development
- Environmental education and capacity building
- Sustainability assessment tools and methodologies
- Governance strategies for infrastructure systems
- Disaster risk reduction and management
- Integration of Sustainable Development Goals (SDGs) in civil engineering
- Interdisciplinary collaboration between engineering, policy, and social sciences

Theme 8

Sustainable Nanomaterials and advanced ceramic composites for Biomedical, Energy, and Structural applications

- Green Synthesis of nanomaterials
- Nanomaterials for biomedical applications
- Green coatings and corrosion protection
- Advanced ceramics and composites materials
- Microstructure property correlation in functional materials
- Energy and electronic applications of nanomaterials
- Additive manufacturing and advanced fabrication



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Universiti Putra Malaysia

Important Dates & Contacts

Abstract Submission	:	30th July 2026
Abstract Acceptance	:	5th August 2026
Full Paper Submission	:	20th August 2026
Full Paper Acceptance	:	30th August 2026
Last Date of Reg.	:	31st August 2026
Date of Conference	:	11th-12th September 2026
Submit your Manuscript	:	istmi@geu.ac.in
Contact Details	:	Dr. Karan Singh, +91-9812697806, istmi@geu.ac.in

Registration Fee

Registration Type	Early bird Registration (**) - Indian Attendee	Early bird Registration (**) - Foreign Attendee	Late Registration (**) - Indian Attendee	Late Registration (**) - Foreign Attendee
Industry (***)	INR 3000*	US\$ 150*	INR 4000*	US\$ 200*
Academic (***)	INR 2500*	US\$ 140*	INR 3000*	US\$ 180*
Student/ Research Scholar (***)	INR 2000*	US\$ 120*	INR 2500*	US\$ 150*
Listener/ Accompany	INR 1000*	US\$ 50*	INR 1500*	US\$ 80*

*: Includes Welcome kit, participation in all sessions, lunch, high tea/breakfast, attendance certificate.

**: Non-refundable.

***: Only one paper/poster preregistration will be allowed.

The conference will be held in hybrid mode. The best three papers of the conference will be awarded.

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Particulars	Platinum Sponsor	Diamond Sponsor	Gold Sponsor	Silver Sponsor
Cost (INR)*	1,00,000	50,000	30,000	20,000
Cost (USD \$)*	2000	1000	600	400
Logo in conference proceedings/ Standees/ Flexes	Yes	Yes	Yes	Yes
Exhibition stall**	Yes	Yes	Yes	No
Social media promotions	Yes	Yes	Yes	Yes
Complimentary delegate passes to 1st AISTMI	5	3	2	Nil

*: Additional 18% GST is applicable.

**: Extra exhibition stall price (part of Eco Mela): ₹7,500/- (US\$ 150) (Additional 18% GST is applicable).

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Edited Books from springer, CRC press, Elsevier, Tylor and Francis etc.

All accepted abstracts will be published in a Scopus-indexed journal/conference proceedings, or edited books based on quality.



Thank you



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