



**Graphic Era**  
deemed to be **University**  
DEHRADUN



UNIVERSITY OF NAPLES  
**PARTHENOPE**

INTERNATIONAL CONFERENCE ON

# Advanced Intelligent Sustainable Technologies, Materials and Infrastructure

**Organized by:**

Department of Civil Engineering, Graphic Era (Deemed to be University) & Department of Engineering, University of Naples Parthenope, Italy

# 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 2024.

## School of Civil Engineering

The Department of Civil Engineering was established in the year 2007 and has grown over the years into one of the finest centers of training in the field of civil engineering. The Department offers a four-year course leading to the Bachelor's Degree in Civil Engineering (NBA Accredited) and two-year courses leading to Master's degree in two major specializations of civil engineering (viz., Structural Engineering and Geoinformatics Engineering) as well as PhD in Civil Engineering. The laboratories are equipped with excellent and advanced equipments and provide all required facilities for advanced research in specific fields of civil engineering like Earthquake Engineering, Water Resources Engineering etc.

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## Conference Overview



AISTMI-2025 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)

# Key note Speakers



**Dr. Ofelia. Q. F. Araujo**

Federal University of Rio de Janeiro -  
UFRJ, Editor-in-Chief, Clean  
Technologies and Environmental Policy



**Prof. KV Jayakumar**

Civil & Infrastructure Engineering  
Department, IIT Dharwad, India



**Dr Seyed Ghaffar**

University of Birmingham, Dubai Campus,  
Head of Engineering (Dubai), Associate  
Professor of Civil Engineering



**Dr. Ilenia Farina**

Department of Engineering,  
University of Naples Parthenope, Italy



**Dr. Sovik Das**

Civil Engineering Department,  
IIT Delhi



**Dr. Siraj Mohammad  
Pamdhani**

Jubail Industrial College, Saudi Arabia



# Conference Themes

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

## Theme 1

### Innovations in Geotechnical Engineering

- Soil mechanics and ground improvement techniques
- Sustainable geotechnical solutions
- Foundation design innovations
- Eco-friendly stabilization methods
- Resilient ground improvement practices
- Advanced soil testing and modeling

## Theme 2

### Sustainable Water and Environmental Systems

- Efficient water management systems
- Bio-electrochemical energy generation
- Wastewater treatment technologies
- Nature-based solutions for conservation
- Environmental pollution control
- Advanced hydrological modeling

## Theme 3

### Hydrogen and Alternative Energy Technologies

- Hydrogen production and storage methods
- Fuel cell advancements
- Biofuels in energy systems
- Carbon-neutral energy solutions
- Alternative energy integration in infrastructure
- Sustainable energy technologies





## Theme 4

### Sustainable Infrastructure and Green Development

- Eco-friendly construction materials
- Low-carbon infrastructure solutions
- Circular economy in construction
- Green urban development strategies
- Smart infrastructure technologies
- Renewable material applications

## Theme 5

### Intelligent Systems and Data-Driven Solutions

- Machine learning in engineering problems
- AI optimization for design and construction
- GIS and UAV in infrastructure planning
- Data-driven engineering solutions
- Smart IT integration in construction
- Predictive analytics for civil systems

## Theme 6

### Environmental Management and Advanced Technologies

- Risk management in urban systems
- Resilient construction technologies
- Environmental impact assessment
- Robotics and automation in construction
- Mathematical modeling for optimization
- Green technologies for sustainability

## Theme 7

### Governance, Education, and Assessment

- Policies for sustainable development
- Environmental education and awareness
- Assessment methods for sustainability
- Governance frameworks for infrastructure
- Disaster risk reduction strategies
- Promoting SDG goals in civil engineering

Submit your paper at:

**[https://cmt3.research.microsoft.com/AISTMI2025/  
Submission/Index](https://cmt3.research.microsoft.com/AISTMI2025/Submission/Index)**

Register at:

**[https://docs.google.com/forms/d/e/1FAIpQLSd-1Jx  
PCF\\_IQVmc6RNe78bRjAHVAyoVMJJ7nCAulxeU42K  
4w/viewform?usp=sharing&oid=115590700186364127129](https://docs.google.com/forms/d/e/1FAIpQLSd-1JxPCF_IQVmc6RNe78bRjAHVAyoVMJJ7nCAulxeU42K4w/viewform?usp=sharing&oid=115590700186364127129)**

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**Dr. Francesco Colangelo,** Full Professor, Department of  
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**Dr. Ilenia Farina,** Assistant Professor, Department of  
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Jubail Industrial College, Saudi Arabia

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**Mr. Narinder Singh,** Research Fellow, Department of  
Engineering, University of Naples, Parthenope-Italy



# Important Dates & Contacts

Abstract Submission	:	20 <sup>th</sup> June 2025
Abstract Acceptance	:	25 <sup>th</sup> June 2025
Full Paper Submission	:	20 <sup>th</sup> July 2025
Full Paper Acceptance	:	30 <sup>th</sup> July 2025
Last Date of Reg.	:	14 <sup>th</sup> August 2025
Date of Conference	:	12 <sup>th</sup> -13 <sup>th</sup> September 2025
Submit your paper at	:	<a href="https://cmt3.research.microsoft.com/User/Login?ReturnUrl=%2FAISTMI2025">https://cmt3.research.microsoft.com/User/Login?ReturnUrl=%2FAISTMI2025</a>
Website Link	:	<a href="https://aistmi.geu.ac.in/">https://aistmi.geu.ac.in/</a>
Contact Details	:	<b>Dr. Karan Singh</b> , +91-9812697806, <a href="mailto:istmi@geu.ac.in">istmi@geu.ac.in</a>

## Registration Fee

Registration type	Early bird Registration (**) - Indian attendee	Early bird Registration (**) - Foreign attendee	Late Registration (**) Indian attendee	Late Registration (**) Foreign attendee
Industry (***)	INR 4000*	US\$ 250*	INR 5000*	US\$ 300*
Academic (***)	INR 3500*	US\$ 220*	INR 4000*	US\$ 280*
Student/Research Scholar (***)	INR 3000*	US\$ 200*	INR 3500*	US\$ 250*
Online Participation (***)	INR 1500	US\$ 100	INR 2000	US\$ 150
Listener/Accompany	INR 1000*	US\$ 50*	INR 1500*	US\$ 80*
Spot Registration	-	-	INR 5000*	US\$ 350*

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

\*\* : Non-refundable.

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

\*\*\*\*: The manuscript publication charges are subject to the journal's policy; additionally, manuscripts published in Springer/ Taylor & Francis Scopus Indexed Proceedings will incur an extra fee of INR 2500.

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

## Sponsorship

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.

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5. Journal of Graphic Era University- (UGC Care)
6. Prabha Materials Science Letters- (Web of Science)
7. Machine learning in transportation engineering- MDPI (SCI)
8. Mathematical engineering, manufacturing, and management sciences, CRC Press, Taylor & Francis (Book Series)
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**Thank you**



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