About the *conference*

The conference will address key research findings and challenges in "AI and IoT integration/implementation in infrastructure" and "Sustainability Analysis of Materials." This event aims to provide a robust platform for presenting significant research works and literature spanning various aspects of engineering and technological advancements. Special emphasis will be placed on sustainability analysis, life cycle assessment, and the innovative application of AI and IoT in infrastructure and building project's sustainable developments.

- **Track-1:** Artificial Intelligence for Structural Health Monitoring and Infrastructure Resilience
- **Track-2:** AI-Driven Design, Optimization, and Performance Modeling of Sustainable Engineering Materials
- **Track-3:** Life Cycle Assessment, Carbon Modeling, and Circular Infrastructure Systems
- **Track-4:** Smart Construction Technologies, Robotics, and Digital Twins
- **Track-5:** AI & ML in Water Resources Management and Engineering

Manipal University Jaipur

Manipal in education is a name to reckon with in India and worldwide. It is the fifth university established in 2011 by Manipal Global Education Services. Manipal University Jaipur is the first university in Rajasthan accredited with a A+ (3.28) grade by NAAC. The university's vision is to be a "Global leader in Higher Education and Human Development". Manipal University Jaipur offers a broad spectrum of career-oriented programs in different disciplines and maintains Manipal University's legacy of providing quality education to its students.

About *Civil Engineering Department*

Established in 2011, the Department of Civil Engineering at Manipal University Jaipur offers quality undergraduate education and two PG courses. With state-of-the-art research labs and a diverse, specialized faculty, the department fosters research and innovation to address global technological challenges.



AIRISE 2027

2nd International Conference

Artificial Intelligence for Resilient Infrastructure and Sustainable Engineering Materials

AIRISE 2027

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BITS Pilani
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Themes

Relating to applications of AI and computing in civil infrastructures but not limited to the followings:

- Innovations in sustainable materials
- Lifecycle assessment
- Circular economy and material reuse
- Smart and adaptive materials
- Damage detection and pattern recognition through Artificial Intelligence
- Deep learning technique for prediction modelling
- Smart infrastructure management
- Information modelling techniques of large-scale structures
- Smart construction practices
- Data-driven decision making
- Infrastructure management
- Integrated solutions for the repair and renovation of buildings

Important Deadlines

- Call for papers open: **April 1, 2026**
- Full-length paper submission deadline: **November 30, 2026**
- Notification of acceptance: **December 15, 2026**
- Camera-ready submission deadline (Deadline for revised papers): **December 31, 2026**
- Registration deadline: **December 31, 2026**
- Conference Dates: **March 4 – 5, 2027**

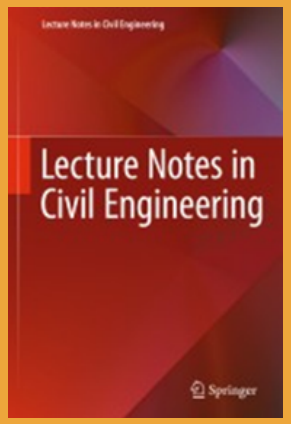
Registration Fee

Category	Early Bird		Regular	
	Indian (INR)	International (USD)	Indian (INR)	International (USD)
Students / Researchers	10000	$ 250	12000	$ 300
Academicians	12000	$ 300	14000	$ 350
Industry Participants	18000	$ 450	20000	$ 500
Group Participants (Max up to 4 person)	35000	$ 600	35000	$ 600
Attendee	5000	$ 100	5000	$ 100

Publication Partner

Scopus

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***For more submission details, visit the conference website* before submitting your article**

Paper Submission



AIRISE 2027

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