

## 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:** Sustainable materials and practices.



**Track-2:** Implementation of AI and IoT in buildings and infrastructure

## 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.

THE Times  
YOUNG UNIVERSITY  
RANKINGS 2024  
BAND  
351-400

QS  
WORLD  
UNIVERSITY  
RANKINGS  
20  
ASIA 2024  
Regional Ranking: 801+ Band  
Southern Asia: 258



**1st International  
Conference**

**Artificial  
Intelligence for  
Resilient  
Infrastructure and  
Sustainable  
Engineering  
Materials**

**AIRISE  
2025**





# 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

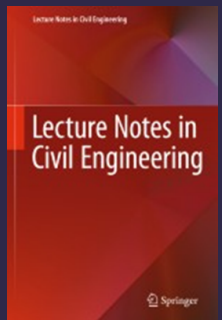
- Call for paper open: **June 1, 2024**
- Full-length paper submission deadline: **December 25, 2024**
- Notification of acceptance: **December 31, 2024**
- Camera ready submission deadline (Deadline for revised papers): **January 20, 2025**
- Registration deadline: **January 31, 2025**
- Conference Dates: **February 6 - 7, 2025**

# Registration Fee

CATEGORY	INDIAN (INR)	INTERNATIONAL (USD)
Students	9000	200
Academicians / Industry Delegates	10000	300
Accompanying person	3000	100
Group Registration*	35000	1200

\*The group registration is only applicable to conference attendees i.e. non authors/presenters for a group of five person

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