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Important Dates

Call for extended abstracts:	November 3, 2025
Submission deadline for extended abstracts:	December 10, 2025
Notification on acceptance:	December 20, 2025
Abstract review decision:	January 8, 2026
Registration opens:	January 10, 2026
Deadline to avail of early bird discount:	January 31, 2026

Conference venue

Gargi Auditorium, Vikramshila Complex, Indian Institute of Technology Kharagpur , West Bengal, 721302

Contact us

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IBSR 2026

IBSR 2026

3rd CONFERENCE

Infrastructure and Built Environment: Towards Sustainable and Resilient Societies

MARCH 12-14, 2026

Organized by:
Ranbir and Chitra Gupta School of Infrastructure Design and Management (RCGSIDM)

Indian Institute of Technology Kharagpur
West Bengal, 721302
www.rcgsidm.com/ibsr

About the School

In 2008, IIT Kharagpur established its esteemed Ranbir and Chitra Gupta School of Infrastructure Design and Management (RCGSIDM).

The school's primary mission is to cultivate a new generation of interdisciplinary leaders. It achieves this by integrating advanced technical and engineering knowledge with modern management skills. This unique blend prepares professionals to effectively design, build, finance, and manage large-scale, sustainable infrastructure projects for the future.

Conference Goal

The primary agenda of the 3rd Annual Conference on Infrastructure and Built Environment (IBSR 2026) is to be at the forefront of the global discourse on sustainable infrastructure. As the world grapples with rapid urbanization, resource scarcity, and climate change, the need for intelligent, equitable, and resilient infrastructure has never been more critical.

IBSR 2026 will serve as a premier global hub, convening the brightest minds from industry, pioneering government bodies, and leading academic institutions from around the world.

Building on the legacy of previous successful conferences, which featured distinguished keynote speakers from renowned international institutions such as TU Delft (Netherlands), University of Texas at Austin, and the University of Memphis (USA), IBSR 2026 redoubles its commitment to fostering global collaboration.

We aim to facilitate a dynamic exchange of cutting-edge research, share diverse international experiences, and brainstorm innovative, actionable solutions for the future of the built environment. Our vision is to forge and strengthen lasting international partnerships that will help shape sustainable and resilient societies for generations to come.

Themes

Theme 1: Smart & Inclusive Habitat

- Housing Affordability in Indian Context
- Morphological Assessment in Indian Context
- Inclusive Neighbourhood Design
- Sustainable Tourism Management

Theme 2: Spatial Informatics

- Next-Gen GeoTech: Catalyzing Disruption in Spatial Intelligence
- GeoInt Revolution: Accelerating Intelligence from Lab to Field
- The Spatial Core: Building Resilient, Secure, and Scalable Data Ecosystems
- Geo-enabled Decision Support System for Sustainable Development
- GeoAI & Planet-Scale Data: Unlocking Intelligence from Pixels to Policies
- Spatial Intelligence for Planetary Health and Resilience

Theme 3: Innovations in Sustainable Built and Transport Infrastructure

- Material Investigation, Recycling, and Reuse of Waste Materials
- Non-Destructive Testing (NDT), Restoration, Repair, and Retrofitting of Built and Heritage Structures.
- Pavement Analysis, Design, and Rehabilitation
- Highway Performance Monitoring, Evaluation, and Predictive Maintenance using AI/ML Techniques
- Road Safety, Traffic Management, and AI/ML Applications

Theme 4: Emerging Technologies for Sustainable Transportation and Infrastructure Design

- Electric and Smart Mobility Infrastructure for sustainable urban and regional transport.
- Virtual Reality Applications in Built Environment Design and Urban Planning.
- AI, Simulation, and Digital Twins for Resilient and Safe Infrastructure Systems.

Theme 5: Shaping Safe, Sustainable and Inclusive Mobility Futures

- Road Safety and Driving Behavior
  – Human factors, enforcement, emerging risks, Simulation & VR for safety.
- Air Pollution Exposure and Public Health
  – Exposure assessment, behavioral responses, mitigation strategies, urban planning links.
- Travel Demand Modelling and Emerging Mobility
  – Advanced modelling methods, behavioral modelling, shared and on-demand mobility integration.
- Electric and Connected Vehicles
  – Adoption dynamics, infrastructure planning, emissions impact, smart systems.
- Shared Mobility and Transport Innovation
  – Integration with traditional modes, policy frameworks, and sustainability outcomes.
- Gender Equality and Inclusive Transport
  – Gendered mobility patterns, safety perceptions, design for inclusivity.