



# GSIA 2027

Global Symposium on Infrastructure for Atmanirbhar India

## Infrastructure for Atmanirbhar India: A BITS Pilani Initiative for Viksit Bharat

February 19 – 20, 2027

FIRST ANNOUNCEMENT AND CALL FOR PAPERS

CONFERENCE VENUE → BITS Pilani - Pilani Campus (Rajasthan) 333 031, INDIA

### ABOUT BITS PILANI

Birla Institute of Technology and Science, Pilani (BITS Pilani), is one of India's leading higher education institutes and a deemed university under Sec. 3 of the UGC Act. Our campus at Pilani (Rajasthan) was set up in technical collaboration with MIT (USA), under the Ford Foundation Grant, and was later deemed a university in 1964.

Covered with wooded paths and spread over 328 acres, the campus is self-contained and fully residential with 14 hostels for boys and one hostel complex for girls. Around 5,000 students live on campus along with 350 faculty members and a vast pool of support staff. The campus boasts a magnificent library (65,000 sq. ft) with ~2,30,000 volumes and a state-of-the-art network infrastructure.

### ABOUT THE SYMPOSIUM

Building upon BITS Pilani's legacy, the Department of Civil Engineering is organising the Global Symposium on Infrastructure for Atmanirbhar India – a dynamic platform for translating research into practice, fostering innovation, and enabling industry-academia collaboration aligned with national priorities of sustainable and resilient infrastructure development for Viksit Bharat.

Unlike conventional conferences, this symposium bridges the gap between knowledge creation and implementation, bringing together researchers, practitioners, policymakers, and industry leaders to co-create solutions.

### SYMPOSIUM THEMES

#### 1. Smart & Structural Infrastructure Engineering

Structural health monitoring, performance-based design, composite structures, AI/ML, digital twins, BIM, IoT, and data-driven infrastructure systems

#### 2. Sustainable Construction, Materials & Geotechnical Engineering

Green materials, circular construction, low-carbon tech, ground improvement

#### 3. Water Systems, Environment & Climate Resilience

Water security, hydroinformatics, wastewater, climate adaptation, disaster resilience

#### 4. Geospatial Technologies, Transportation & Urban Innovation

GeoAI, remote sensing, GIS, smart mobility, urban planning, policy & entrepreneurship

### CALL FOR PAPERS – FIRST ANNOUNCEMENT

Authors may submit work through either of the following tracks:

#### Track A – Abstract + Poster Presentation

Submit a 1-page extended abstract. Accepted abstracts are presented as posters during exhibition sessions and

published in the Springer Nature Proceedings series

#### Track B – Abstract + Full-Length Paper

Submit a 1-page abstract for initial review; upon acceptance, submit a max. 15-page manuscript (MS Word) for peer review. Accepted papers are published as

book chapters in Springer Nature Proceedings in Materials

Full contact details (name, affiliation, e-mail, Tel/Fax) must be included in all submissions. Templates will be made available on the conference website. Conference participants receive e-proceedings.

### IMPORTANT DATES

Submission Deadline for Abstracts	October 1, 2026
Notification of Acceptance	November 15, 2026
Full-Length Paper Submission (Track B)	December 15, 2026
Papers after Review	January 20, 2027
Conference Dates	February 19–20, 2027

### ACCOMMODATION

Accommodation will be made available in the Institute Guest House (VFAST), Institute Hostels, and guest houses/hotels at Pilani on payment basis, on prior request subject to availability.

### OFFICIAL LANGUAGE

English will be the official language of the symposium.

### SYMPOSIUM FORMAT & SCHEDULE

Two days · Four sessions · ~15 participants per session · Plenary speakers from academia & industry · Paper presentations · Open exhibition (prototypes, posters, industry booths)

### Time Activity

#### Day 1 – February 19, 2027

9:00–9:30 AM Inaugural Ceremony

9:30 AM–1:00 PM **Session 1 · Theme: Smart & Structural Infrastructure Engineering** · Plenary (Academia + Industry) · 5 Paper Presentations · Exhibition Booths

1:00–2:30 PM Lunch Break

2:30–5:30 PM **Session 2 · Theme: Sustainable Construction, Materials & Geotechnical Engineering** · Plenary (Academia + Industry) · 5 Paper Presentations · Exhibition Booths

#### Day 2 – February 20, 2027

9:30 AM–1:00 PM **Session 3 · Theme: Water Systems, Environment & Climate Resilience** · Plenary (Academia + Industry) · 5 Paper Presentations · Exhibition Booths

1:00–2:30 PM Lunch Break

2:30–5:30 PM **Session 4 · Theme: Geospatial Technologies, Transportation & Urban Innovation** · Plenary (Academia + Industry) · 5 Paper Presentations · Exhibition Booths

5:30–6:30 PM Valedictory Ceremony

### AN APPEAL TO PROSPECTIVE SPONSORS

Private, semi-Government, and Government organisations involved in manufacturing, construction, consultancy, R&D, and other areas related to civil and infrastructure engineering are invited to sponsor GSIA 2027.

Category	Sponsorship amount	Entitlement
Platinum Sponsor	Rs. 2,00,000	6 free delegates
Gold Sponsor	Rs. 1,00,000	4 free delegates
Silver Sponsor	Rs. 50,000	2 free delegates
Other Sponsor	Rs. 30,000	1 free delegate

### REGISTRATION FEES

Category	Early (≤ Nov 15, 2026)	Late (> Nov 15, 2026)
Delegates from Abroad	US \$250	US \$300
Accompanying Person	US \$100	US \$100
Delegates from India	₹6,000	₹7,000
Accompanying Person	₹1,000	₹1,000
Indian Students	₹2,500	₹3,000
Foreign Students	US \$150	US \$175

### LEADERSHIP

**Prof. V. Ramgopal Rao**  
Vice-Chancellor, BITS Pilani

**Prof. Sudhirkumar Barai**  
Director, BITS Pilani – Pilani Campus

#### Organising Chairman

**Prof. Dipendu Bhunia**  
Head, Dept. of Civil Engineering  
BITS Pilani, Pilani Campus  
[gsia2027@pilani.bits-pilani.ac.in](mailto:gsia2027@pilani.bits-pilani.ac.in)

#### Organising Secretaries

**Prof. Srinivas Rallapalli**  
Dept. of Civil Engineering  
**Prof. Mukund Lahoti**  
Dept. of Civil Engineering

#### Organising Coordinators

**Prof. Ravi Kumar Guntu**  
Civil Engineering, BITS Pilani  
**Prof. Nishant Bhargava**  
Civil Engineering, BITS Pilani

**Prof. G Muthukumar**  
Civil Engineering, BITS Pilani  
**Prof. Sanchari Thakur**  
Civil Engineering, IIT Bombay

### BANK DETAILS:

Beneficiary Name :	Birla Institute of Technology & Science, Pilani
IFSC CODE No.	UTIB0001188
Bank Account No.	918010089946355
Bank	AXIS BANK LTD
City   Branch	PILANI   Branch Code → 001188
MICR No.	333211177 Swift Code → AXISINBB

### CONFERENCE WEBSITE

The conference website is **coming soon**. Information will be updated periodically through the BITS Pilani Civil Engineering Department portal.

Organized by  
Department of Civil Engineering  
BITS Pilani - Pilani Campus

