

## MODULE - THEMATIC AREA

- a) Transportation Infrastructure
  - i. Bridges, Flyovers, and Interchanges
  - ii. Rail-based Transportation
  - iii. Water Transportation
  - iv. Airports
- b) Transportation Planning
  - i. Urban and Regional Transport System
  - ii. Intercity Transportation
  - iii. Travel Behavior and Demand Modelling
  - iv. Transport Modes and Systems
- c) Traffic Safety and Management
  - i. Crash/Accident Data-based Analysis
  - ii. Surrogate/Proactive Safety Assessment
  - iii. VRU's Safety and Mobility Enhancement
  - iv. Vehicular Active and Passive Safety Features
  - v. Safety Practices, Processes, and Measures of Improvement
- d) Pavement Engineering
  - i. Sustainable Construction Materials
  - ii. Structures and Environment Interaction
  - iii. Innovative Construction Technologies

- iv. Rehabilitation and Maintenance
- e) Transportation Project's Implementation and Practices
  - i. Field Evaluation and Case Studies
- f) Smart, Intelligent, and Sustainable Transport Systems
  - i. V2V and V2I Communications
  - ii. Advanced Data Acquisition Techniques and Big Data Analysis
  - iii. Transport Emission and Exposure
  - iv. Sustainable and Active Mobility

## WHO CAN ATTEND

- Faculty and Scientists from academia and research institutes
- Professionals from the industry and government agencies
- Students working in relevant research areas

## CONTACT DETAILS

**Prof. Nikhil Saboo**  
**Prof. Pushpa Choudhary**

Organizing Secretaries, TIPCE 2025  
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**3<sup>rd</sup> International Conference  
 on**

**Transportation  
 Infrastructure Projects :  
 Conception to Execution**

**September 18-21, 2025**



**Organized by:**

**Transportation Engineering Group  
 Department of Civil Engineering  
 Indian Institute of Technology Roorkee  
 Roorkee – 247667, Uttarakhand, India**



## CONFERENCE OVERVIEW

The conference will emphasize a two-way learning process, i.e., from industry to academia and from academia to industry. Relatively **higher importance** will be given to **case studies** from the transportation sector, construction industries, consulting agencies, and academia involved in such studies. The focus will remain to understand how transportation infrastructure projects have been **conceptualized, designed** and **executed** to bring desired development in an area. The case studies from industry will present the **bottlenecks experienced** during the implementation of project from its **conceptualization stage** to the **execution stage** and the **corrective measures** that were incorporated to achieve ultimate success. The case studies from academia will provide insights into the implementation of the projects on which consultation was sought by the **Project Implementation Agencies (PIAs)**. **Expected outcome** of this conference will be a higher **interaction** between **industry** and **academia** in the future. Accordingly, the conference will initiate the discussions in the following pattern:

### I) It **WILL talk** about

- Why and what was done?
- How was it done?
- What pitfalls were encountered?
- How was it impacted and corrected?
- Roles played by academia and PIAs?
- What were the learning lessons?

### II) It **WILL NOT** be related to

- What can be done?
- How can be done?
- When can be done?

## IMPORTANT DATES

Abstract submission	Oct. 20 <sup>th</sup> – Jan. 15 <sup>th</sup> , 2025.
Abstract acceptance	Feb 10 <sup>th</sup> , 2025
Full paper submission	Feb 15 <sup>th</sup> – March 30 <sup>th</sup> , 2025.
Full paper decision	May 1 <sup>st</sup> , 2025.
Early bird registration	June 15 <sup>th</sup> – Aug.15 <sup>th</sup> , 2025.

## CONFERENCE FEE\*

Category		Early Bird	After Early Bird
Indian (INR)	Faculty	12000	14500
	Student	4500	7000
	Industry professionals	14500	17000
Inter-national (USD)	Faculty	200	300
	Student	150	200
	Industry professionals	300	400

\*Including GST

## IIT ROORKEE

Indian Institute of Technology Roorkee is among the foremost institutes of national importance in higher technological education in the field of Engineering and Applied sciences. Since 1847, the Institute has a rich legacy in technical manpower development. In 1854, the institute was renamed as Thomason College of Civil Engineering, and it was converted to IIT on September 21, 2001.

Through an Ordinance issued by the Government of India and an Act of Parliament, the institute was declared as the nation's seventh IIT.

## FOOD & ACCOMMODATION

- Breakfast, lunch, snacks, and dinner will be provided during the conference.
- Limited accommodation (on payment basis) can be arranged in the institute guest houses on request. Alternatively, there are many good hotels with different star ratings around the campus which may be booked by the participants.

## CONFERENCE VENUE

The conference will be held in the Department of Civil Engineering (CED) located on the lush green campus of the Indian Institute of Technology Roorkee at Roorkee Campus, Uttarakhand, India.

## ORGANIZING COMMITTEE

Chief Patron	: Prof. K. K. Pant Director, IIT Roorkee
Chairperson	: Prof. Praveen Kumar HOD (CED)
Organizing Secretaries	: Prof. Nikhil Saboo Prof. Pushpa Choudhary
Organizing Team	: Prof. Amit Agarwal Prof. G. D. Ransinchung R. N. Prof. Indrajit Ghosh Prof. Nikhil Saboo Prof. Praveen Kumar Prof. Pushpa Choudhary Prof. Rajat Rastogi Prof. Sanhita Das Prof. Satish Chandra