IEEE Intelligent Transportation Systems Society (ITSS)
Madhya Pradesh Chapter

WORKSHOP ON INTELLIGENT TRANSPORTATION TECHNOLOGIES FOR EMERGING ECONOMIES



14–15 December 2026

PoD 1D 105
IIT Indore

KEY TAKEAWAYS

- Role of intelligent transportation technologies in mobility and road safety
- AI-driven transportation, connected vehicles, and intelligent traffic management
- emerging research methods and data-driven transportation solutions
- practical applications for emerging economies and resource-constrained environments
- collaboration among academia, industry, and government

WHY PARTICIPATE

- Explore AI, connected vehicles, and intelligent transportation technologies
- discover data-driven approaches to road safety and traffic management
- understand traffic flow, driver behaviour, and heterogeneous traffic challenges
- learn practical AI applications in transportation infrastructure and design
- explore scalable solutions and collaboration opportunities for emerging economies

WHO SHOULD PARTICIPATE

- Academicians and Transportation Researchers.
- Industry Professionals in ITS, Road Safety, and Infrastructure.
- Government Officials, Policymakers, and Traffic Police.
- Highway and Transportation Engineers.
- PhD Scholars and Postgraduate Students in Allied Fields.

REGISTRATION

- Students ₹500
- Professionals ₹1500
- Fees include taxes
- Deadline 25 November 2026
- Up to 100 participants on a first-come, first-served basis

SCAN TO REGISTER

ACCOMMODATION

- Up to 60 occupancies in institute hostel on chargeable basis
- Charges payable directly at check-in
- Double occupancy ₹500/day per participant
- Advance booking first-come, first-served
- Indicate hostel requirement in registration form
- All participants need to arrange their travel and stay during the workshop.

Nearby Hotels

- Hotel Amrat Villa,
- Bombay Darbar Family Hotel & Restaurant,
- SPOT ON Govind Hotel & Restaurant
- The Sky Imperial - Sethji Ni Wadi Resort.

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TENTATIVE KEY RESOURCE PERSONS



Prof. Swaroop Darbha
Department of Mechanical Engineering
Texas A&M University
USA



Dr. Subasish Das
Ingram School of Engineering
Texas State University
USA



Prof. Avijit Maji
Department of Civil Engineering
IIT Bombay
India



Prof. Akhilesh Kumar Maurya
Department of Civil Engineering
IIT Guwahati
India



Dr. Anandi Dutta
Ingram School of Engineering
Texas State University
USA

ABOUT US

The IEEE Intelligent Transportation Systems Society (ITSS) Madhya Pradesh Section Chapter, established on 2 January 2025, is dedicated to promoting research, innovation, knowledge dissemination, and professional collaboration in Intelligent Transportation Systems (ITS). The Chapter serves as a dynamic platform for bringing together academicians, researchers, industry professionals, and students to address emerging challenges in smart mobility, road safety, artificial intelligence, and sustainable transportation.

Indian Institute of Technology Indore (IIT Indore) plays an important role in supporting the Chapter's academic and technical activities. The Department of Civil Engineering, IIT Indore, contributes through its research expertise and infrastructure in Transportation Systems Engineering, particularly in road safety, driver behavior, highway engineering, traffic operations, and intelligent transportation technologies.

The Chapter actively promotes technical workshops, expert lectures, seminars, knowledge-sharing sessions, student engagement, and interdisciplinary research collaborations. These initiatives aim to strengthen industry–academia interaction, encourage technological innovation, and facilitate the exchange of knowledge and expertise. Collaborative activities with other IEEE technical societies, including the IEEE Signal Processing Society (SPS) Chapter, further broaden the scope of interdisciplinary engagement, particularly in artificial intelligence, data analytics, signal processing, and intelligent mobility applications.

Through these initiatives, the IEEE ITSS Madhya Pradesh Section Chapter, with academic support from IIT Indore and collaboration with other IEEE Chapters, strives to strengthen the regional ITS ecosystem and contribute to the development of safer, smarter, more efficient, and sustainable transportation systems, particularly suited to Indian traffic conditions.

PLACES TO VISIT IN INDORE



Rajwada Palace



Choral Dam



Pataalpani



Mandav (Jahaz Mahal)

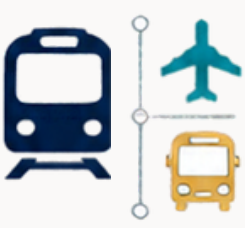


Mahakaleshwar



Omkareshwar

HOW TO REACH IIT INDORE



By Air: Devi Ahilyabai Holkar International Airport, about 30 km from IIT Indore.

By Train: Indore Railway Station, about 24 km from IIT Indore.

By Bus: Indore is well-connected by bus services from MP and neighbouring states.

REGISTER TODAY

Registration Closes on
DECEMBER 1, 2026

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