

11th International Conference on Transportation Systems Engineering & Management (CTSEM 2025) July 4 - 5, 2025



Organized By

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Director, MANIT Bhopal

Chief Patron

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Director, CSIR- CRRI, New Delhi

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Department of Civil Engineering

Maulana Azad National Institute of Technology Bhopal

&

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Overview

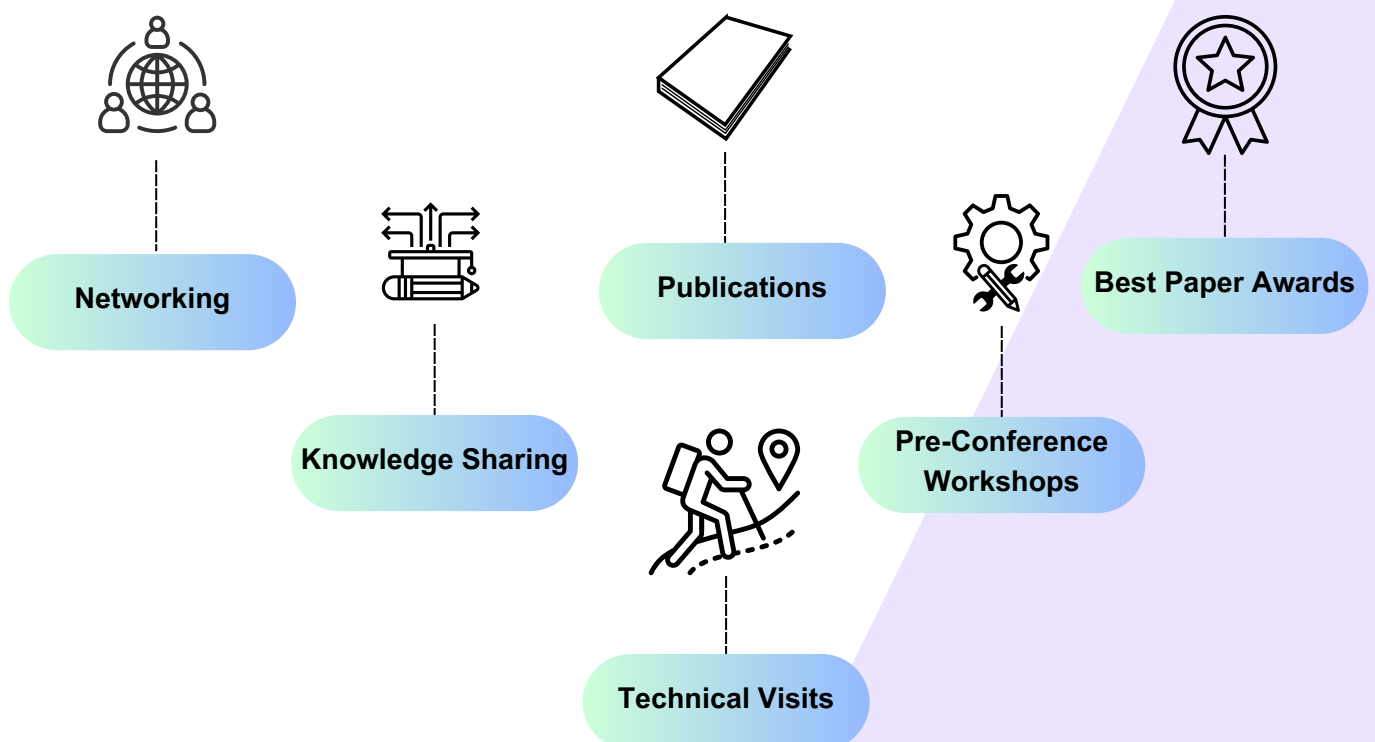
MANIT BHOPAL

Transportation systems play a vital role in the growth and development of economies. Reliable, cost-effective, and sustainable modes facilitate the rapid movement of people and goods, both within and between countries. Given the ubiquitous nature of transportation systems and the crucial role they play in people's lives, the problems associated with these systems must be promptly addressed by the scientific community. These challenges are particularly pronounced in urban areas.

Growing urbanization, rising vehicle ownership, globalization of economies, and shortage of resources have posed major challenges to the transportation sector. Mobility, accessibility, and safety continue to be daunting challenges for transportation professionals worldwide. In this context, cutting-edge research that could provide sustainable solutions to transport-related problems is the need of the hour.

The 11th Conference on Transportation Systems Engineering and Management (CTSEM 2025) aims to bring together researchers, academicians, and engineers from different areas of Transportation Engineering and Management. The objectives of this 11th CTSEM are to provide an opportunity for students, research scholars, academicians, scientists, and transportation professionals to present their work, exchange ideas, network with peers, learn about advancements and applications in their fields, minimize the duplication of research efforts and thus arrive at future directions for research.

Conference Highlights



Topics

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The 11th CTSEM conference covers conceptual aspects related to transportation planning, traffic engineering, pavement technology, materials, sustainability and other applications in transportation engineering. The topics include, but are not restricted to the following:

- Traffic Safety
- Traffic Management
- Congestion Mitigation
- Intelligent Transportation Systems
- Traffic Flow Modelling
- Highway Capacity and Level of Service
- Land Use and Transportation
- Public Transport Planning & Management
- Transit Oriented Development
- Transportation Infrastructure Financing
- Travel Behavior Analysis
- Travel Demand Forecasting
- Urban Mobility
- Sustainable Transportation/NMT
- Vulnerable Road Users
- Pedestrian Behavior & Safety
- New Technologies in Road Construction
- Construction Materials & Characterization
- Pavement Design & Construction
- Pavement Evaluation & Management
- Geosynthetics in Pavements
- Transportation Geotechnics
- Highway Design and Maintenance
- Construction and Maintenance of Bridges & Culverts
- Transportation Economics and Policy
- Road Asset Management
- Transportation Project Management
- PPP in the Transportation Sector
- Transport and Pollution
- EIA in Transportation
- AI, Big Data & IoT in Transportation
- Freight Transport and Logistics
- GIS for Transportation

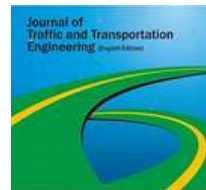
Paper Submission Guidelines

- For full paper submission, author(s) have to use the “MSCMT” platform. Please use the following URL to login to MSCMT account for full paper submission: **MSCMT**
- In case of login ID is not available, a new account can be created by giving the required details.
- Paper submission format (Word +Latex Format) can be found **here**.
- Authors are requested to adhere to the given format for font size, line spacing, indentation, and table design.
- The full paper length in the prescribed format should not be more than 10 pages.
- There are no restrictions on the number of words, tables, and figures. However, the number of pages is restricted to 10 pages.
- The figures should be clear and visible (at least 300 dpi).
- All the submitted papers will go through a plagiarism check.
- The final acceptance will be based on double blind reviews.

Paper Publication Opportunities

- Selected high-quality papers presented at the conference will be published in the form of **SCOPUS Indexed Conference Proceedings by Springer**.
- Review articles would not be considered for publication unless they conform to the high-quality standards of Springer.
- Select papers from the conference will be published by Springer as a proceedings book volume.
- Springer will conduct quality checks on the accepted papers and only papers that pass these checks will be published.
- Springer Nature does not charge any money for the publication of Non-Open Access content.
- Abstracts/extended abstracts and short papers (less than 4 pages) will not be considered for publication.
- Some of the high-quality papers presented in the conference will be considered for possible publication in,
 - **Special Call on “Integrated Strategies for Transportation Engineering, Safety, and Sustainability” in Journal of Traffic and Transportation Engineering (English Edition), Elsevier (JTTE).**
- At least one of the authors of the accepted papers must register and present the paper at the conference to be considered for possible publication.
- Designate one corresponding author with a contact email.
- All the recommended papers have to pass through the journal peer review process before acceptance in JTTE.

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Important Dates



15 April 2025

Last Date of Full-Length
Paper Submission



1 June 2025

Paper Acceptance
Notification



15 June 2025

Revised Full Paper
Submission



1 June 2025

Early Bird Registration
Starts



17 June 2025

Early Bird Registration
Ends



1 July 2025

Last Date of Registration

Organizing Committee



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Director, MANIT Bhopal



Chief Patron
Dr. Manoranjan Parida
Director, CSIR- CRRRI
New Delhi



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Professor
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Dr. Bivina G.R.
Assistant Professor
MANIT Bhopal



Organizing Secretary
Sh. Satish Pandey
Principal Scientist
CSIR- CRRRI New Delhi



Organizing Secretary
Dr. Naveet Kaur
Senior Scientist
CSIR- CRRRI New Delhi

Registration Details



- Registration fee for authors/delegates covers a conference kit, lunch, high tea, and access to the cultural evening with gala dinner. The registration fee for the conference for participants from India and for participants outside India is as follows. The early bird discounted fee will be applicable till 17th June 2025.
- The registration fee is inclusive of GST.
- Registration fees does not cover accommodation charges.
- Fee for accompanying person is Rs. 2000/- (inclusive of GST). The accompanying person fee covers access to all conference sessions, lunch, high tea, and access to the cultural evening with gala dinner.

Registration Category	Participants from India		Participants outside India	
	Early Bird Fee	Regular Fee	Early Bird Fee	Regular Fee
UG/PG Student	INR 1800	INR 2300	USD 40	USD 50
PhD/Research Scholar	INR 2500	INR 3000	USD 50	USD 65
Faculty/Scientist	INR 4500	INR 5500	USD 100	USD 125
Government/ Industry Professionals	INR 7500		USD 125	USD 150

Payment Details

Fee can be deposited electronically in account as per account details mentioned below, and online receipt of same to be uploaded at the time of registration.

Bank Name: State Bank of India

Branch Name: MANIT, Bhopal

Account Name: Director, MANIT Bhopal

Account Number: 10020150107

IFSC Code: SBIN0001608

Registration Link: [CTSEM2025 Registration Form](#)

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Sponsorship Opportunities

Industry sponsors are welcome to participate and support the 11th CTSEM conference. The sponsorship categories with details regarding delegates, exhibition stalls and industry product/service presentation are provided below. The sponsorship amount does not include GST.

Particulars	Platinum INR 3 Lakhs	Gold INR 2 lakh	Silver INR 1 lakh	Bronze INR 0.5 lakh
Exhibition Space (3 x 3 sq.m.)	Yes	Yes	No	No
Logo on all promotional material	Yes	Yes	Yes	No
Logo hyperlinked on the conference website	Yes	Yes	Yes	No
Brochure/Literature Distribution in the Delegate kit	Yes	Yes	Yes	Yes
Public announcement and display during conference recognizing the sponsor	Yes	Yes	Yes	Yes
Free registrations	3	2	1	No
Display in session hall	Yes	Yes	Yes	Yes
Promotional video display (during lunch/poster session)	10 min	5 min	No	No
Technical Presentation	10 min	No	No	No

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About Department of Civil Engineering

Department of Civil Engineering is a pioneering department of the Institute. Over the years, the department has progressed at rapid pace with development in the spheres of infrastructure facilities and academic programs. The department has experienced faculty, well-equipped laboratories in allied specialization fields. The aim of the department is to attain the status of leading world-class centres for teaching and research, responsive to changing needs of industry with emphasis on innovation, technological development, entrepreneurial and leadership competencies, professional and human values and socioeconomic uplifting of the community.

About MANIT Bhopal

Maulana Azad National Institute of Technology (MANIT) is one of the leading institutions of national importance in technical education. Established with the objective of developing a 'Centre of Excellence in Central India, it aims at becoming a multi-disciplinary centre for technical education by strengthening both teaching and research activities besides contributing to the needs of rural community, society and industry at large. The Institute is located on a plateau of about 650 acres in the midst of Bhopal, the capital of Madhya Pradesh. The Institute, formerly known as Maulana Azad College of Technology, was established in 1960 as one of the first eight Regional Engineering Colleges (RECs) in the country. In June 2002, it was elevated to the status of a Deemed University and renamed as Maulana Azad National Institute of Technology and achieved the status of 'Institution of National Importance' by the Parliamentary NITSER Act 2007. MANIT offers Bachelors, Masters and Doctoral programmes in Architecture, Planning, Engineering, Sciences, Computer Application, and Management.



About CSIR - CRR1



The Central Road Research Institute, popularly known as CRR1, is the premier national research organization for highways traffic and transport planning and all other allied aspects. It carries out R&D in the areas of road and road transportation and provide highest level of professional consultancy. CRR1 was established in 1952 as a constituent laboratory of the Council of scientific and industrial research (CSIR). The institute is prominently located on Delhi Mathura Road (NH-2). The major R&D programmes of CRR1 related to the entire spectrum of pavement design and performance, road condition monitoring, pavement deterioration modeling, maintenance planning and management, pavement management system, landslide management and hazard mitigation, geotechnical investigations & ground improvement techniques, traffic engineering and management and improved transportation planning technology for emerging urban needs. Besides these, applied research in the area of planning and engineering aspects of rural roads, material characterization, pavement evaluation, highway instrumentation, conditioning monitoring and rehabilitation of bridges, design of high embankments & reinforced earth walls, subways & underpass construction, transportation planning, traffic engineering, road safety and environmental problems, form an integral part of the programme of the institute. CRR1 offers several refresher/ training and development programmes designed to suit the requirement of different target groups. More than 25,000 in-service highway engineers have been trained so far at CRR1. The institute maintains an active liaison with various highway research organizations both in India and abroad for exchange of information and technical expertise. CRR1 is also well represented globally at TRB (USA), ARRB (Australia), TRL (UK), World Road Association (PIARC) etc.



About Bhopal City



Bhopal is the capital city of the Indian state of Madhya Pradesh and the administrative headquarters of both Bhopal district and Bhopal division. It is known as the City of Lakes, due to presence of various natural and artificial lakes near the city boundary. It is also one of the greenest cities in India. It is the 16th largest city in India and 131st in the world. Bhopal was selected as one of the first twenty Indian cities (the first phase) to be developed as a smart city the Smart Cities Mission. Bhopal was also rated as the cleanest state capital city in India for three consecutive years, 2017, 2018 and 2019. Bhopal has also been awarded a 5-star Garbage Free City (GFC) rating, making it the cleanest State capital in the country in 2023. Bhopal has a strong economic base with numerous large and medium industries operating in and around the city. Bhopal is considered as one of the important financial and economic destinations in Madhya Pradesh's two strong wealth pillars, the other being Indore. Bhopal's GDP (nominal) was estimated at INR 44,175 crores (2020–21) by the Directorate of Economics and Statistics, Madhya Pradesh. A Y-class city, Bhopal houses various educational and research institutions and installations of national importance, including ISRO's Master Control Facility, BHEL and AMPRI. Bhopal is home to many institutes of National Importance in India, namely, IISER, MANIT, SPA, AIIMS, NLIU, IIFM, NIFT, NIDMP and IIIT (currently functioning from a temporary campus inside MANIT).

How to Reach

The institute is in the heart of Bhopal City (the capital of Madhya Pradesh). Bhopal is well known worldwide as the city of Lakes. It is well connected to various parts of the country by road, rail and air. The Institute is located at about 8 km from Bhopal railway station, 6 km from Rani Kamalapati Railway station and 20 km from Airport. Direct taxis and public transit facilities are available.

Previous CTSEM

Host Institute

1st Edition : NIT Calicut, 2014

2nd Edition : NIT Tiruchirappalli, 2015

3rd Edition : BMS College of Engineering, 2016

4th Edition : Anna University Chennai, 2017

5th Edition : NIT Warangal, 2018

6th Edition : SVNIT Surat, 2019

7th Edition : NATPAC & CET Trivandrum, 2020

8th Edition : NIT Calicut, 2021

9th Edition : NIT Warangal, 2023

10th Edition : VNIT Nagpur, 2024

Places to Visit



Madhya Pradesh Tribal Museum



Upper Lake



Bhojpur Temple



Sanchi Stupa



Shaurya Smarak



Van Vihar National Park

Contact Us



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