

**Program Schedule****Date: 30 June – 1 July 2026****Venue: Tagore Auditorium, Osmania University, Hyderabad****Day 1 – 30 June 2026**

Time	Session/Event	Details
08:30- 10:00	Registration, Coffee and Networking	
10:00 - 11:30	Intelligent Transportation Systems for Viksit Bharat 2047: AI, Safety, Connected Mobility & Digital Infrastructure	- Opening Insights on ICSMS2026- Dr Shiv Kumar, Director General, ITS India Forum - Welcome Address- Shri Sunil, President IETE, Former Addl. DG, Prasar Bharti Prof. Kumar Molugaram, Vice Chancellor, Osmania University Mr. Akhilesh Srivastava, President, ITS India Forum Mr. Venkata Subbarao Chunduru, Director, Arcadis IBI Group - Industry Address Shri Giridhar Armane IAS (Retd.), Former Secretary, Defence & Ministry of Road Transport & Highways - Guest of Honour Dr C Ravi Sekhar, Director, CRRI – Guest of Honour Prof. K. K Aggarwal, President, SAU – Special Guest of Honour* Shri. V.C. Sajjanar, Commissioner of Police, Hyderabad City Justice Abhay Manohar Sapre, Chairman, Supreme Court Committee on Road Safety (SCCoRS)* Shri Anumula Revanth Reddy, Hon'ble Chief Minister, Telangana - Chief Guest* - Vote of Thanks- Dr. Ashwani Kumar, Chairman, IETE – Hyderabad Centre
11:30 - 12:00	Tea Break	
12:00 – 13:30	Technical Session 1	Theme: Citizen-Centric Intelligent Transportation Systems for Viksit Bharat 2047- AI, Digital Enforcement and ITS Roadmap for Safe, Sustainable and Efficient Mobility. As India advances towards the vision of <i>Viksit Bharat 2047</i>, Intelligent Transportation Systems (ITS) will play a transformative role in creating a safer, smarter, greener, and more citizen-centric mobility ecosystem. This session will explore how emerging technologies such as Artificial Intelligence, Digital Enforcement, Data Analytics, Integrated Mobility Platforms, and Digital Twins can address the growing challenges of road safety, congestion, accessibility, sustainability, and service delivery. The deliberations will focus on AI-enabled traffic management, predictive safety analytics, ANPR-based enforcement, integrated citizen mobility services, active travel, and the development of a National ITS Architecture and Roadmap for India. Bringing together policymakers, industry leaders, researchers, and practitioners, the session aims to develop actionable recommendations and contribute towards a "Hyderabad ITS Roadmap for Citizen-Centric Mobility and Viksit Bharat 2047", supporting the creation of a safe, sustainable, efficient, and inclusive transportation system for all citizens. Key Sub-Themes 1. AI for Safer Mobility - AI-enabled Traffic Management Systems - Predictive Safety Analytics - Incident Detection and Emergency Response - Vision Zero through AI

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		2. Digital Enforcement Ecosystem - ANPR and AI-based Enforcement - E-Challan Integration - Challenges in Nationwide Electronic Enforcement - Enforcement Roadmap for India 3. Citizen-Centric Mobility Services - MaaS and Integrated Mobility Platforms - Smart Parking and Digital Citizen Services - Active Travel and Sustainable Mobility - Inclusive Transportation for All 4. National ITS Roadmap for India - National ITS Architecture - Data Sharing and Interoperability - Digital Twins and Mobility Analytics - ITS Roadmap for Viksit Bharat 2047 Chair: Shri. Vikas Raj, IAS, Special Chief Secretary, Transport - Special Guest of Honour Co-Chair: Akhilesh Srivastava, President, ITS India Forum <u>Speakers:</u> Shri Sudhendu Sinha, Former Advisor, NITI Aayog Mr. Venkata Subbarao Chunduru, Director, Arcadis IBI Group - Industry Address Prof Digvijay Pawar, Associate Professor – Civil Engineering, IIT Hyderabad Mr. Senturan Karthikeyan, Director – Innovations, Datacorp (Active Travel) Mr Debashish Debsikdar, Sr VP & Business Head- TTT, Jio Platforms Limited Mr. Nikhil Kumar, President – Geospatial, Map My India Mr Sanjeev Sehgal, Managing Director, SPARSH CCTV
13:30- 14:30	Lunch Break	
14:30 – 15:30	Technical Session 2	Theme: Connected Mobility Ecosystem for Viksit Bharat 2047- V2X, Smart Infrastructure and the Roadmap for Safe, Intelligent and Sustainable Transportation Connected Vehicle technologies are rapidly transforming the future of transportation by enabling real-time communication between vehicles, infrastructure, pedestrians, networks, and traffic management systems. As India prepares for the next generation of mobility, the development of a robust Connected Vehicle and Infrastructure Ecosystem will be critical for improving road safety, reducing congestion, enhancing traffic efficiency, supporting autonomous driving, and enabling data-driven transportation planning. This session will explore India's roadmap for Connected Mobility, including Vehicle-to-Vehicle (V2V), Vehicle-to-Infrastructure (V2I), Vehicle-to-Network (V2N), Vehicle-to-Pedestrian (V2P), and Vehicle-to-Everything (V2X) technologies. Discussions will focus on deployment challenges, communication technologies such as 5G and C-V2X, cybersecurity, spectrum requirements, standards and interoperability, connected corridors, smart highways, freight and logistics applications, emergency vehicle prioritization, and integration with Intelligent Transportation Systems. Bringing together leaders from government, automotive OEMs, telecom operators, technology providers, academia, and standards bodies, the session aims to develop actionable recommendations for accelerating

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		connected mobility deployment and shaping an "India Connected Mobility Roadmap 2047" to support safer, greener, more efficient, and globally competitive transportation systems. Key Sub-Themes <i>1. Connected Vehicle Technologies and V2X Ecosystem</i> • Vehicle-to-Vehicle (V2V) Communication • Vehicle-to-Infrastructure (V2I) Applications • Vehicle-to-Pedestrian (V2P) Safety Solutions • Vehicle-to-Everything (V2X) Ecosystem and Global Best Practices <i>2. Connected Highways and Smart Infrastructure</i> • Connected Corridors and Smart Highways • Cooperative Intelligent Transport Systems (C-ITS) • Digital Roadside Infrastructure • Real-Time Traffic and Incident Management <i>3. 5G, Edge Computing and Communication Networks</i> • Cellular V2X (C-V2X) • Role of 5G and Future 6G Networks • Edge Computing for Mobility Applications • Network Reliability and Latency Requirements <i>4. Safety, Automation and Emerging Mobility</i> • Connected Safety Applications • Advanced Driver Assistance Systems (ADAS) • Autonomous and Cooperative Driving • Emergency Vehicle Priority and Incident Response <i>5. Policy, Standards and Deployment Roadmap</i> • National Connected Mobility Strategy • Standards, Interoperability and Certification • Cybersecurity and Data Privacy • Roadmap for Large-Scale Deployment in India Chair: Shri R S Singh, DDG (IoT), TEC, DoT Co-chair: Shri P K Banerjee, SIAM <u>Speakers:</u> • Shri Akhilesh Trivedi, Advisor, TRAI • Shri Jitendra Singh, Head – Government Affairs, Qualcomm India • Prof P Rajalakshmi, IIT Hyderabad & Director -TiHAN. • Mr. Bala Krishna Pedomallu, Executive Vice President, Danlaw Technologies India Limited • Dr. Lakshmi Eswari, Head, CDAC- Hyderabad • Rep from Mahindra • Mr Teja Gudena, Executive Vice President – Engineering Device, Netradyne
15:30-16:00	Tea Break	
16:00-17:00	Technical Session 3	Theme: Capacity Building for a Future-Ready ITS Ecosystem in Viksit Bharat 2047 - <i>Human Capital, Standards, Quality Assurance and Interoperability for Scalable ITS Deployment</i> Key Sub-Themes <i>1. Building Future ITS Workforce</i> • Skill gaps in ITS implementation • Capacity building for government agencies • Academia-industry collaboration • ITS certification and accreditation <i>2. Quality Assurance & Performance Management</i> • QA/QC frameworks for ITS projects

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		- FAT, SAT and Performance Testing - Service Level Agreements (SLAs) - Lifecycle management of ITS systems 3. <i>Standards & Interoperability</i> - Open ITS Architecture - Interoperability across agencies and states - Data sharing and open APIs - National standards roadmap 4. <i>Institutional Readiness for Viksit Bharat 2047</i> - Building ITS Centres of Excellence - Procurement and contract management - Governance frameworks - Scaling ITS nationally Chair: Prof. Kumar Molugaram, Vice Chancellor, Osmania University. Co-Chair: Prof Pooran Pandey, SAU Speakers: Shri. Narendra Nath, Joint Secretary, National Security Council Secretariat, Government of India Prof. Jyotsna Kumar Mandal, Professor, Computer Science & Engineering, Kalyani University Prof. Archak Mittal, IIT Bombay Dr S Velmurugan, Former Director, CRRI Shri Suresh Chandra, Former DG, STQC Dr Mukti Advani, Sr. Principal Scientist, CRRI Dr. Rajesh Krishnan, CEO, ITSPE Dr Manish Jaiswal, Director, NATRAX
15:00 – 15:30	<i>Invited Talk-1</i> Prof. J.J. Collins, University of Limerick, Ireland Session Chair: Prof. Jyotsna Kumar Mandal and One professor from Osmania University Link : https://meet.google.com/gtz-vpez-htn	
Paper Presentation Session-1		
15:30 -17:30	Parallel Paper Presentation Session (Online) Link: https://meet.google.com/gtz-vpez-htn	Paper ID: 26, 30, 45, 171, 175, 187 Session Chairs: Dr. Jyoti Sekhar Banerjee Dr. Radha Krishna Bar Dr. Ramen Pal, Ireland Dr. Tarun Kumar Chatterjee, USA And Professors of Osmania University
Paper Presentation Session-2		
15:30 -17:30	Parallel Paper Presentation Session (Online) Link: https://meet.google.com/tuq-eycc-tte	Paper ID: 190, 198, 214, 222, 245, 248, 264 Session Chair: Prof. Jyotsna Kumar Mandal Dr. Debasish De Dr. Raktim Chakraborty Dr. Soujanya, USA Dr. Aakashjit Bhattacharaya Dr. Samarjit Roy, Vietnam And Professors of Osmania University

Day 2 – 1 July 2026

Time	Session/Event	Details
10.00 - 11.00	Technical Session 4	Digital and Intelligent Technology Applications in Rail Transit/ Smart Transport Integration for Multimodal Connectivity Chair: Shri B N Puri, Director, AITD Co-chair: Director: Gati Shakti, Baroda Speakers: • Shri Mahendra Srivastava, Former Principal Advisor, TRAI • Mr. Arun Kumar Saksena, Consultant to Railway Board & Former General- Railways • Mr. Pankaj Bhatia, MD, Hitachi Rail (Public Transportation- Multi Modal Digital Ticketing) • Mr. Raman Goyal, General Manager, DMRC
11:00-11:30	Tea Break	
11:30- 12:00	Pre-Tutorial:	
12:00 -12:30	Invited Talk-2 Dr. Shreya Ghosh, IIT Bhubaneswar Session Chair: Dr. Jyoti Sekhar Banerjee and One professor from Osmania University And Professors of Osmania University Link: https://meet.google.com/gtz-vpez-htn	
12:30 -13:00	Invited Talk-3 Dr. Ayan Mondal, IIT Indore Session Chair: Prof. Debasish De and One professor from Osmania University And Professors of Osmania University Link: https://meet.google.com/gtz-vpez-htn	
Paper Presentation Schedule		
13:00 - 14.00	Parallel Paper Presentation Session (Offline)	Paper ID: 25, 42, 52 Session Chairs: Dr. Jyoti Sekhar Banerjee Dr. Radha Krishna Bar And Professors of Osmania University
13:00 - 14.00	Parallel Paper Presentation Session (Offline)	Paper ID: 57, 62, 103, 164 Session Chairs : Dr. Debasish De Dr. Raktim Chakraborty And Professors of Osmania University
13.30- 14.30	LUNCH	
16.00 -17:00	Valedictory Session & Award Ceremony	Concluding Remarks & Awards Ceremony (Recognition of Best Papers)
17:00 Onwards	Hi-TEA and Networking	