संचार मंत्रालय
Ministry of Communications
दूरसंचार विभाग
Department of Telecommunications

राष्ट्रीय संचार अकादमी- प्रौद्योगिकी
गाज़ियाबाद
National Communications Academy-
Technology, Ghaziabad



For registration:
https://tinyurl.com/afnd3h3b

Click on link given below to join the meeting:
https://teams.microsoft.com/meet/3177277414215237?p=FUuJblL1321UqlVI50

PROGRAMME SCHEDULE

DATE : 03-11-2026

S.No	SESSION & SLOT	NAME OF THE TOPIC
1	**Inaugural Session** 15:00 – 15:15 hrs	**Welcome Address** – Sh. Rajesh Gupta, DDG (Wireless Access), NCA-T, Ghaziabad DoT **Inaugural Address** – Sh. Atul Sinha, DG, NCA-T, Ghaziabad, DoT
2	**Session 1** 15:15 – 15:45 hrs	**Technology behind V2X Communications** Sh. Punit Rathod, Lead – Technical Standards, Qualcomm
3	**Session 2** 15:45 – 16:15 hrs	**Regulatory Aspects of V2X Communications** Sh. Pavan Kumar Gupta, Joint Advisor, TRAI
4	**Session 3** 16:15 – 16:45 hrs	**Standardization Framework and India's Scenario: V2X Communications** Ms. Namrata Singh, Director (IoT), TEC
5	**Closing Session** 16:45 – 16:50 hrs	**Vote of Thanks** – Sh. Atul Joshi, Director (Wireless Access), NCA-T, Ghaziabad, DoT

ABOUT THE WEBINAR

The webinar on "Vehicle-to-Everything (V2X) Communications" aims to enhance awareness and understanding of emerging vehicular communication technologies and their role in Intelligent Transportation Systems (ITS). The session will cover the fundamentals and applications of V2X communications, relevant regulatory perspectives, policy developments, and the potential of V2X technology in enabling connected and intelligent mobility in India. It will also highlight the role of advanced communication technologies in improving road safety, traffic efficiency, and the overall transportation ecosystem.

EXPERT SPEAKERS



Mr. Pavan Kumar Gupta, Joint Advisor,TRAI

Mr. Pavan Kumar Gupta is an officer of the Indian Telecommunication Service (ITS), 1999 batch. He joined the Department in April 2001 and is presently serving as Joint Advisor in the Telecom Regulatory Authority of India (TRAI), where he handles regulatory matters relating to networks, spectrum and licensing.

He has more than 20 years of experience across diverse areas of telecommunications, including wireline exchanges, TAX, CDMA MSCs, broadband and mobile networks. He has also served on deputation with the Ministry of Home Affairs and the Ministry of Agriculture, where he dealt with the matter related to telecom and cyber security, information technology and National e-Governance initiatives.



Ms Namrata Singh, Director (IoT) TEC

Ms. Namrata Singh is a 2013-batch Indian Telecommunication Service (ITS) officer. She holds an Engineering degree from MNNIT Allahabad and a Master's degree in Communication Engineering from IIT Delhi. She has over eight years of experience in standardisation of IoT/M2M and emerging technologies and currently serves as Director (IoT) at the Telecommunication Engineering Centre (TEC), DoT. She convenes National Working Group 20 on IoT, Digital Twins and Smart Sustainable Cities & Communities and the inter-ministerial task force on Intelligent Transportation Systems. She also holds several Vice-Chair positions in ITU-T and APT standardisation groups and contributes as an editor to 16 new work items covering IoT, Digital Twins, Metaverse and their applications.



Mr. Punit Rathod , Lead – Technical Standards,) Qualcomm

Mr. Punit Rathod has over 15 years of experience in wireless R&D, with expertise in Wi-Fi, 4G, and 5G technologies. He has hands-on experience in modelling and simulations, system architecture, and prototyping, along with excellent communication and collaboration skills. He has experience in cross-business unit coordination and internal and external stakeholder alignment. He has contributed to standardization activities through 3GPP and TSDSI (India's national standards body) and was part of the Indian delegation to the ITU World Radiocommunication Conference 2019 (WRC-19). Since 2018, he has also been part of the Indian delegation to the Technology Aspects Working Group of ITU-R WP 5D.

Organized by
Wireless Access Division
National Communications Academy-Technology
Govt of India Enclave, Raj Nagar, Ghaziabad-201002
www.ntiprit.gov.in