



TEC and IEEE SA is organizing an online Webinar on
“Awareness about Strengthening Telecom Standardization in India “

11Th November 2025, Tuesday (04:00 PM to 05:30PM)

Program Layout

04:00– 04:15 PM	Welcome Address	Mr. Rajeev Kumar Tyagi, DDG (Standardization), TEC
04:15 – 04:20 PM	Inaugural Address	Mr. Shubhendu Tiwari, Advisor (Technology), DoT
Talks on Strengthening Telecom Standardization in India		
Time	Topic	Speaker
04:20 – 04:35 PM	Industry–Academia Collaboration on Standards	Mr. Srikanth Chandrasekaran, Country Head, IEEE India
04:35 – 04:50 PM	Telecom & ICT Standardization and Future Vision	Mr. Vijay Madan, Advisor & Mentor, TSDSI
04:50– 05:05 PM	Role of Standards in Accelerating 5G/6G Deployment in India	Mr. Sendil Kumar, Director – Standards & Spectrum, Ericsson
05:05– 05:15 PM	Bridging Light and Connectivity: Standards in Optical Wireless Communication	Dr. Vivek Bohra, Professor and Dean, IIIT Delhi
05:15 – 05:25 PM	Overview of IEEE SA Standard Projects led from India	Mr. Sandeep Agrawal, Chair “6G Rural Connectivity and Intelligent Village” IEEE IC Program, Scientist, C-DOT
05:25 – 05:30 PM	Q&A Session & Vote of Thanks	Mr. Nitin Kumar, Program Manager, IEEE India

About the Webinar

Telecom standardization plays a crucial role in ensuring interoperability, quality, security, and global competitiveness of telecom products and services. In India, strengthening telecom standardization is essential to support the country’s digital transformation, foster indigenous innovation, and reduce dependence on foreign technologies.

The **Telecommunication Engineering Centre (TEC)** under the **Department of Telecommunications (DoT)** is the nodal agency for telecom standardization in India. Initiatives such as promoting participation in global standardization bodies like ITU, 3GPP, and IEEE, encouraging industry-academia collaboration, and supporting Startups and MSMEs are key steps toward achieving this goal.

Raising awareness through workshops, seminars, and outreach programs helps stakeholders understand the importance of standards in emerging technologies such as 5G, IoT, AI and Quantum Technology. Strengthening domestic standardization not only ensures security and quality but also enables India to shape international standards aligned with its national priorities.

The **IEEE Standards Association (IEEE SA)**, through its **Industry Connections Program**, provides a collaborative platform for fostering dialogue, incubating new ideas, and shaping consensus-driven standards. Together with TEC, this initiative – **IC23-002: Strengthening Telecom Standardization in India** – aims to raise awareness, build capacity, and strengthen India’s role in shaping future global standards.

Link for Joining Webinar: <https://cdotmeet.cdot.in/vmeet/rooms/onp-mta-pei-stg/join>

Speakers

 Mr. Srikanth Chandrasekaran Country Head & Senior Director – IEEE India Global Practice Lead, Foundational Technologies, IEEE Standards Association	Mr. Sri has been associated with the IEEE since 2012 and heads the business operations for IEEE in India. Through his practice, Sri focuses on developing key standardisation programs in emerging areas building end-to-end trustworthy devices and systems with emphasis on cybersecurity, identity and privacy. Sri also heads the standardization efforts for the Asia Pacific region. Sri and his team in India drive the IEEE Blended Learning Program (BLP) initiative, an eLearning platform, focused on bridging skills gap for students and lateral skilling of industry professionals. Prior to joining IEEE, Sri was associated with Freescale Semiconductor Inc. (formerly Motorola Inc.) for 17 years, focused on Electronic Design Automation. Sri received the Accellera Technical Excellence Award in 2009 for his leadership and contributions to design automation standardisation. Sri holds a Bachelor of Science degree in Physics from Madras University, India and Master's degree in Electrical Communication from Indian Institute of Science, Bangalore, India.
 Mr. Vijay Madan Advisor & Mentor (Services & Solutions) TSDSI	Mr. Vijay Madan is currently associated with TSDSI as full time Advisor & Mentor with special focus on standardization in Services & Solutions relating to evolving technologies & applications, vertical sectors use cases, AI, 6G Security, IoT, Drone Services, Cloud Computing, PPDR, Future ICT enabled systems. Also, with JVGs / Focus connected with oneM2M, 3GPP, ITU-T. He is an Elect. & Comm. Engineer with PG in Business Administration. Multiple certifications and fellowships in other subjects including research fellowship at foreign University. He started his 55 Years long Professional career in R&D at Telecommunications Research Centre, Department of Telecom (DoT), he has headed C-DOT, Premier Telecom R&D Centre. He was also chief Mentor of a TATA group organization besides other multiple assignments in India and Abroad.
 Mr. Sendil Kumar Director – Standards & Spectrum, Ericsson	Mr. Sendil Kumar leads Ericsson's standardization and spectrum initiatives, representing the company in international bodies such as ITU-R, APT, AWG, SATRC, and 3GPP, as well as national and regional platforms including TEC and TSDSI. He has been actively engaged in committees established by the Department of Telecommunications, including the 6G Task Force and National Study Groups, contributing to India's position on IMT-2020, IMT-2030, and other strategic priorities. He works closely with government agencies, industry associations, operators, and academia to advance 5G and 6G adoption, spectrum policy, and technical regulatory frameworks. His efforts also extend to fostering academic collaborations such as the Ericsson Center of Excellence & Innovation at IIT Delhi. Through his leadership, he drives Ericsson's global standardization strategy, aligning technical proposals with product development and building strong industry and regulatory partnerships to shape the future of telecom innovation.
 Dr. Vivek Bohra, Professor and Dean, IIIT Delhi	Dr. Vivek Ashok Bohara received his Ph.D. from Nanyang Technological University, Singapore, in 2011, and worked as a Marie Curie Postdoctoral Fellow at ESIEE Paris until 2013. He is currently a Professor and Dean (Innovation, Research & Development) at IIIT-Delhi, where he leads the WIROCOMM Research Lab and co-founded the Centre of Excellence on Light Fidelity (LiFi). With over 150 publications, three book chapters, and eight patents, his research spans next-generation communication systems, including Visible Light Communication (VLC), hybrid RF-VLC, IRS integration, UAV, and vehicular communication. He has received several awards, including the Best Paper Award at IEEE ANTS 2022 and multiple honors at IEEE COMSNETS. Dr. Bohara is also active in standardization, contributing to TSDSI technical reports and currently serving as Chair of the IEEE P1962 Working Group on solar panel-based optical communication receivers.
 Sandeep Agrawal, C-DoT	Mr. Sandeep is actively involved in the standardization of Wi-Fi & Rural Broadband technologies. He is the Chair of IEEE SA P2872 to build standards for "Interoperable and Secure Public Wi-Fi Infrastructure and Architecture" and "6G Rural Connectivity & Intelligent Village" Industry Connect Program of IEEE SA. He was also Vice Chair of the recently published IEEE SA P2061-2024 (Frugal 5G) standard to build "Architecture for Low Mobility Energy Efficient network for Affordable Broadband Access". He is also Chair of the IoT Work Group and co-lead of the Wi-Fi sensing group in WBA (Wireless Broadband Alliance). He is working as a scientist at C-DOT and has 16+ years of experience in various telecom projects focusing on the strategic and rural needs of the country. He is currently leading and architecting the PM-WANI (Prime Minister's Wi-Fi Access Network Interface) Public WiFi Program promoted by the Government of India. He is an alumna of NIT Bhopal.