



**Shri Sushil Kumar**

Additional Director General Telecom  
Department of Telecommunications

Mr. Sushil Kumar is an officer of 1987 batch of Indian Telecommunication services (ITS). He has done his graduation in Electronics and Communications Engineering in 1987 and Master in Computer Science & Technology in 1989 from University of Roorkee (presently known as Indian Institute of Technology Roorkee).

With more than 30 years of experience in Telecom, IoT & ICT, he is presently working as Additional Director General Telecom for North East LSA at Shillong.

Prior to this he worked in TEC as Deputy Director General in IoT division from 2013 to Oct 2023. In this role, he created framework for finalizing specifications in IoT domain, with industry collaboration and in sync with global SDOs. Through this, Twenty Technical Reports have been released in his leadership, covering various verticals, Communication technologies, EMF radiation from IoT devices and IoT Security. Important recommendations of these reports are the part of policy/standards.

ITU recognized the six Technical Reports as an insightful technical resource & posted on its global resource portal in IoT sections (year 2023 - 2021) for the benefit of global community.

He is holding several international positions such as Chairman of ITU-T SG-20 (IoT and Smart cities & communities) Regional Group for Asia Pacific, Vice Chair of ITU-T SG-20 WP-II, Vice Chair of ITU-T SG-20 Focus Group on AI and IoT for Digital Agriculture and Member of ISO-IEC-ITU Joint Smart City task force (J-SCTF).

He created National Working Group-20 in TEC in 2015 as a mirror committee of ITU-T SG-20 on IoT and SC&C and chaired NWG-20 from 2015 to OCT 2023. He is also

the chairperson of BIS National committee LITD 27 on IoT and Digital Twin from 2020. He participated as head of Indian delegation in the meetings of ITU-T SG-20 and ISO/ IEC JTC1 SC41.

Several international standards are having significant input submitted by him, naming a few in which he worked as an editor also are ITU-T Y Suppl. 53 on IoT use cases, Y Suppl. 56 on Smart City use cases and Y.4218 on IoT and ICT requirements for deployment of smart services in Rural Communities.

He delivered talk in around 200 conferences/ trainings on IoT, 5G, Digital Transformation, Smart cities etc., including ITU webinars, ETSI IoT/ Security week.

He received Congratulatory emails from ITU for the remarkable success of the 1st meeting of ITU-T SG-20 Regional Group for Asia Pacific organised in his chairmanship.

He also received an appreciation from the Hon'ble Ministers, Government of India, for the excellent work done in the field of Standardisation by IoT and Digital Twin committee LITD 27 of BIS, chaired by him.

Prior to this (1989 to 2011), he also served on various positions in the field units of BSNL/ DoT for around 23 years. He is having vast experience of planning, projects, O&M of fixed line, Cellular and Optical Fiber networks.

He designed and provisioned the telecom networks for various projects related to e-Governance, National Knowledge Network and corporates; and also for Commonwealth Games (CWG) Cycling event held in Noida in 2010 and Formula One (F1) racing car event in Gr. Noida in 2011, while working in BSNL Noida.