



**ABHAY SHANKER VERMA**  
**Principal Advisor (Broadcasting & Cable Services)**  
**Telecom Regulatory Authority of India**

Mr. Abhay Shanker Verma is working as Principal Advisor in Telecom Regulatory Authority of India (TRAI) and Head of Broadcasting & Cable Services Division.

He is an officer of 1989 Batch of Indian Telecom Service (ITS) and has got more than 33 years of experience in Telecom/ ICT Sector.

Immediately after joining TRAI, he has been instrumental in review of Regulatory framework for Broadcasting and Cable Services.

He has worked in various positions in telecom domain including installation, operation & maintenance of telecom networks, telecom licensing and policy formulation, telecom regulation and standardization. He is an Electrical Engineering Graduate and also holds M. Tech. Electronics Engineering (Microwave Engineering) from IIT, BHU, Varanasi; MBA (Finance) from FMS, Delhi University; and LLB Degree from CCS University.

During the current Study Period 2022-24, Mr. Verma is holding the position of **Vice-Chair and Promotion Officer of ITU-T SG 13** as well as **Associate Rapporteur** of Q5/13 in **ITU-T SG 13**.

He has been **Editor/ Contributor** of five ITU-T Recommendations, namely, (i) Recommendation ITU-T Y.3056: "Framework for bootstrapping of devices and applications for open access to trusted services in diverse ecosystem"; (ii) Recommendation ITU-T Y.3526: "End-to-end fault and performance management framework of inter-cloud network services"; (iii) Recommendation ITU-T Y.3181: "Architectural framework for Machine Learning Sandbox in future networks including IMT-2020"; (iv) Recommendation ITU-T Y.2325: "Architectural evolution for Next Generation Network control plane by applying Software-Defined Networking technology"; and (v) Recommendation ITU-T Y.3059: "Trust Registry for Devices: requirements, architectural framework". He is also lead **Editor/ Contributor** of one more ongoing work item, namely, Draft Recommendation ITU-T Y.ML-IMT2020-MLFO: "Architectural framework for Machine Learning Function Orchestrator (MLFO) in future networks including IMT-2020" under Q20/13 of ITU-T Study Group-13.

As General Manager (P&IS) in National Highways Authority of India (2009-14), he was instrumental in many Highway Automation Projects including "1033" "Save-lives" Pilot project, e-tolling (FASTAG), Centralized Toll Monitoring system, Automatic traffic counting & classification (ATCC) system etc.

He was also deputed as "**EXPERT**" for evaluating the ICT projects in Bhutan funded by India in the year 2004.