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Mr. Abdul Kayum is an Advisor at the Telecom Regulatory Authority of India (TRAI) in New Delhi and a distinguished officer of the Indian Telecom Service. He currently serves as the Chair of the SATRC Spectrum Group and Vice Chair of ITU Study Group 12 (Performance, QoS, and QoE).

Previously, Mr. Kayum worked as Deputy Director General (DDG) at the Telecommunication Engineering Centre (TEC), where he was responsible for developing TEC standards in emerging areas such as 6G Technologies, Quantum Communication, Next Generation Passive Optical Networks, and Sustainable Telecommunications. During his tenure, he played a pivotal role in advancing standards related to Quantum Key Distribution and Post-Quantum Cryptographic Systems, making significant contributions to the field of telecommunications sustainability through the development of TEC's Energy Consumption Rating and Energy Passport standards.

He has also chaired National Working Group 12 and served as editor at the International Telecommunication Union (ITU). As a key contributor to various task forces, Mr. Kayum has been actively involved in formulating strategies for 6G and Quantum Communication Technologies.

At the international level, Mr. Kayum contributes to multiple ITU-T Study Groups, including SG-5 (Environment and Circular Economy), SG-12 (Performance, QoS, and QoE), SG-13, and SG-15 (Networks, Technologies and Infrastructures for Transport, Access, and Home). He is also involved in working groups of the IEEE Standards Association (SA), particularly in Quantum Technologies.

A prolific author, Mr. Kayum has published numerous papers in International Journals, ITU-T, and the Telecommunication Engineering Centre (TEC), solidifying his position as a thought leader in the telecom industry.