



Government of India  
Department of Telecommunications  
Telecommunication Engineering Centre  
K.L. Bhawan, Janpath, New Delhi- 110001



No. 26-1/2022-FA/TEC

Date: 27-11-2024

**Subject: Inviting nominations of experts from industry, academia, TSPs, Government Organizations, Start-ups, MSME etc. for National Working Group (NWG)-15 corresponding to ITU-T Study Group-15 (SG15) "Networks, Technologies and Infrastructures for Transport, Access and Home" for the Study Period 2025-28- reg.**

Telecommunication Engineering Centre (TEC) is the nodal agency of Department of Telecommunications (DoT), Government of India, for constituting various National Working Groups (NWGs) corresponding to respective International Telecommunication Union (ITU-T) Study Groups (SGs). The Study Groups of ITU's Telecommunication Standardization Sector (ITU-T) assemble experts from around the world to develop international standards known as ITU-T Recommendations which act as defining elements in the global infrastructure of information and communication technologies (ICTs).

The National Working Group (NWG)-15 in TEC corresponding to **ITU-T Study Group-15 (SG15): Networks, Technologies and Infrastructures for Transport, Access and Home**, comprises of members from Industry, academia, Start-ups, Research Organisations, Government Organisations etc., under the Chairpersonship of DDG (Fixed Access), TEC. The standards / recommendations / technical reports of ITU-T SG15 specifically define technologies and architectures of optical transport networks enabling long-haul global information exchange; fibre- or copper-based access networks through which subscribers connect; and home networks connecting in-premises devices and interfacing with the outside world.

2. ITU-T SG15 is responsible for studies & recommendations/ standards relating to-

- Optical transport network, access network and home network infrastructures, systems, equipment, optical fibres and cables
- Passive optical network, point-to-point optical, and copper-based digital subscriber line technologies
- Network, system and equipment features include routing, switching, interfaces, multiplexers, cross-connect, add/drop multiplexers, amplifiers, transceivers, repeaters, regenerators, multilayer network protection switching
- Network synchronization for both frequency and precision time, transport resource management and control capabilities

- High-capacity (terabit) optical transport network (OTN) infrastructure
- Modelling for network, system and equipment management, transport network architectures and layer interworking.

More Details about ITU-T SG15 is available at:

<https://www.itu.int/en/ITU-T/studygroups/2025-2028/15/Pages/default.aspx> .

3. In October 2024, **WTSA-24** was successfully concluded in India and the roadmap for the Study Groups was defined for the next four years i.e., **2025-2028**. As per the prevalent practice, NWGs are reconstituted at the beginning of each Study Period for corresponding ITU-T Study Groups. Therefore, TEC is in the process of reconstituting NWG-15 corresponding to ITU-T SG15 for the Study Period 2025-2028.

4. In this regard, for the reconstitution of NWG-15, nominations of subject matter/ domain experts from industry, academia, TSPs, Research Organisations Government, Start-ups, MSMEs etc., are highly solicited for active participation and formulation of contributions for standards & specifications in this sector to get India's specific concerns represented in ITU-T Recommendations/ Standards. Further, active participants of Indian experts and policy makers in ITU-T activities will strengthen the Indian perspective and views among experts from about 200 countries in bringing out the ITU-T Recommendations/ Standards.

The said nominations may kindly be sent by email to [adgfa-tec-dot@gov.in](mailto:adgfa-tec-dot@gov.in), [dirfa.tec@gov.in](mailto:dirfa.tec@gov.in), with a copy to [ddgfla.tec@gov.in](mailto:ddgfla.tec@gov.in) **latest by 12<sup>th</sup> December 2024** in the following format:

S.NO.	Name	Designation	Organisation	E-mail	Phone No,

*Sujit Kumar*  
27/11/2024

(Sujit Kumar)

Director (Fixed Access), TEC

To:

1. All Stakeholders through TEC Website

Copy for kind information to:

1. Sr. DDG & Head TEC
2. DG (NTIPRIT), Ghaziabad
3. DG, BIS, Delhi
4. CEO, C-DOT, Delhi.
5. All DDGs in DOT HQ/ DOT LSAs/ TEC/ NCCS
6. ADET(IT), DoT HQ- for uploading on DoT website.
7. Director (IT), TEC- with a request to upload this letter on TEC website