



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



**No. 26-1/2022-FA/TEC**

**Date: 02-02-2023**

**Subject: Inviting nominations of experts from stakeholders like industry, academia, TSPs, Government, start-up, MSME etc. in National Working Group (NWG)-15 corresponding to ITU-T Study Group-15 (Subject Matter: Networks, Technologies and Infrastructures for Transport, Access and Home)- 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 was constituted corresponding to **ITU-T SG15: Networks, Technologies and Infrastructures for Transport, Access and Home**, comprising members from Industry, academia, Startups, research organisations, Government organisations etc, under the Chairpersonship of DDG (Fixed Access), TEC in April 2022. 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 Study Group 15 is responsible for studies & recommendations/ standards relating to-

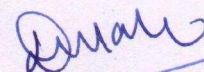
- optical transport network, access network and home network infrastructures, systems, equipment, optical fibres and cables
- passive optical network, point-to-point optical, and copper-based digital subscriber line technologies
- Network, system and equipment features include routing, switching, interfaces, 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/2022-2024/15/Pages/default.aspx>

3. As the development of contributions to standardization process of ITU-T SGs is a consultative process, nominations of subject matter/ domain experts from stakeholders like industry, academia, TSPs, research organisations Government, start-up, MSME etc are highly solicited in the NWG-15 for active participation and formulating contributions for standards & specifications in this sector to get India 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.

4. The said nominations may kindly be sent by email to [d.pathak33@gov.in](mailto:d.pathak33@gov.in), with a copy to [ddgfla.tec@gov.in](mailto:ddgfla.tec@gov.in) **by 15 February 2023.**



(Deepak Pathak)

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To:

1. All Stakeholders through TEC Website

Copy for kind information to:

1. Member (Services)/ Member (Technology) / DG (Telecom) DOT HQ, Delhi.
2. Additional Secretary, DPIIT, Govt of India, Delhi
3. Secretary, TRAI, Delhi.
4. Sr. DDG & Head TEC
5. DG (NTIPRIT) Ghaziabad
6. DG, BIS, Delhi
7. CMD, C-DOT, Delhi.
8. All DDGs in DOT HQ/ DOT LSAs/ TEC/ NCCS
9. Director (IT), TEC- with a request to upload this letter on TEC website