



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



No. 8-1103/2022-R/TEC(Part2)

Date: 09.01.2026

Subject: Inviting nominations of experts from industry, academia, TSPs, Government Organizations, Start-ups, MSME etc. in National Working Group (NWG)-05 corresponding to ITU-T Study Group-5 (SG5) “Environment, climate action, circular economy and electromagnetic fields”- reg.

Telecommunication Engineering Centre (TEC) is the nodal agency of the Department of Telecommunications (DoT), Government of India, for constituting various National Working Groups (NWGs) corresponding to the respective International Telecommunication Union – Telecommunication Standardization Sector (ITU-T) Study Groups (SGs). The Study Groups of 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).

2. The National Working Group (NWG)-5 in TEC corresponding to ITU-T Study Group-5 (SG5): *Environment, Climate Action, Circular Economy and Electromagnetic Fields*, comprises members from industry, academia, start-ups, research organizations and government organizations, under the Chairpersonship of DDG (Radio), TEC. The standards / recommendations / technical reports of ITU-T SG5 address environmental sustainability, climate action, circular economy aspects, and electromagnetic field (EMF) related issues in the ICT sector.

3. ITU-T SG5 is responsible for studies and recommendations / standards relating to:

- a) Environmental efficiency of ICTs and methodologies for assessing environmental impacts
- b) ICTs and climate change, including mitigation, adaptation and resilience
- c) Circular economy, sustainable supply chains and e-waste management in the ICT sector
- d) Energy efficiency and use of clean and renewable energy for ICT infrastructure
- e) Electromagnetic compatibility (EMC), lightning protection, safety and reliability of ICT systems
- f) Human exposure to electromagnetic fields (EMF) and related environmental considerations

More details about ITU-T SG5 are available at:
<https://www.itu.int/en/ITU-T/about/groups/2025-2028/Pages/sg05.aspx>

4. As per the established practice, National Working Groups are constituted/reconstituted to facilitate effective participation of Indian stakeholders in the ongoing and future work of the corresponding ITU-T Study Groups. In this context, TEC is in the process of reconstituting **NWG-5 corresponding to ITU-T SG5** for study period 2025-2028 to support India's coordinated participation in SG5 activities and to contribute proactively towards the **preparation for upcoming World Telecommunication Standardization Assemblies (WTSAs)** and related ITU-T meetings.

5. In this regard, nominations of subject matter / domain experts from industry, academia, Telecom Service Providers (TSPs), research organizations, government organizations, start-ups, MSMEs, etc., are hereby invited for active participation in NWG-5. The nominated experts are expected to contribute towards formulation of inputs, standards and specifications, and to ensure that **India's perspectives and specific concerns in the related study areas** are appropriately represented in ITU-T Recommendations / Standards / Technical reports.

6. Active participation of Indian experts and policy makers in ITU-T SG5 activities will strengthen India's position and visibility among global experts and help shape future international ICT sustainability standards.

7. The said nominations may kindly be mailed to **adetr.tec@gov.in with a copy to dirr2.tec@gov.in and ddgsat.tec@gov.in latest by 30th January 2026** in the following format:

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

(Vineet Malik)
Director (Radio-II), TEC &
NWG-5 Convener

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