

**Department of Telecommunications  
Telecommunication Engineering Centre  
(IoT Division)**

File No. 2-30/2024-IoT/TEC

Date: 21.11.2024

**Subject: Inviting Nominations for the constitution of Working Group on “Satellite based IoT solutions”-reg.**

Telecommunication Engineering Centre (TEC) is a standards setting, testing and certification organisation for Telecom and related ICT products under the Department of Telecommunications (DoT), Ministry of Communications, Govt. of India.

2. Satellite-based IoT solutions enable global connectivity for Internet of Things (IoT) devices, even in remote or hard-to-reach areas where traditional cellular or Wi-Fi networks may be unavailable. Non Terrestrial Networks (NTN) using satellite communication are becoming increasingly accessible and affordable for a variety of use cases including IoT, automotive and consumer use cases. With rapid technological advancements such as NB-IoT based NTN, which has been included in the 3GPP standards also, have enabled ‘Direct to Device’ (D2D) satellite communication for IoT devices that have been traditionally used with cellular networks.

3. In view of the above and to facilitate the growth of satellite based standardized IoT ecosystem, TEC has constituted a **Working Group (WG) on “Satellite based IoT solutions”** under the chairmanship of DDG(IoT), TEC, to have a focused approach for study of national and international standards/ policies/ guidelines/ regulations and developing a comprehensive Technical Report on Satellite-based IoT Solutions, having recommendations harmonised with global standardization activities and best practices, keeping in view the national requirements.

4. The Working Group on ‘Satellite based IoT solutions’ will bring on-board all stakeholders from academia, industry/start-ups, R&D organizations, service providers, Govt. Organizations etc. working in this domain.

5. In this regard, nominations are invited from the domain experts from academia, industry/start-ups, R&D organizations, service providers, Govt. Organizations etc. for becoming a member of this Working Group on ‘Satellite based IoT solutions’. The nominations may kindly be sent by e-mail to [adet.iottec-dot@gov.in](mailto:adet.iottec-dot@gov.in) and [ra01-iot-tec@govcontractor.in](mailto:ra01-iot-tec@govcontractor.in) with cc to [adg.iot-tec-dot@gov.in](mailto:adg.iot-tec-dot@gov.in) with the following details latest by **06.12.2024**:

- (i) Name
- (ii) Designation
- (iii) Organisation
- (iv) E-Mail ID
- (v) Contact No.
- (vi) Area of Work

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To,  
All stakeholders through TEC website

Copy for kind information to:

1. Sr. DDG & Head, TEC.