

दूरसंचार विभाग
Department of Telecommunications
दूरसंचार इंजीनियरिंग केंद्र
Telecommunication Engineering Centre
(आईओटी अनुभाग)
(IoT Division)

File No. 2-33/2025-IoT/TEC

Date: 28 October, 2025

Subject: Inviting nominations for the constitution of “Working Group on Metaverse and its use cases”

Telecommunication Engineering Centre (TEC), is a standards setting organisation for Telecom and related ICT products under the Department of Telecommunications, Ministry of Communications, Government of India. TEC has been involved in the development of standards for various telecom equipment and contributing to the standardization activities in Global standardization bodies viz. ITU, APT, ETSI, IEEE, etc. TEC had constituted National Working Groups (NWGs), mapped with ITU-T Study Groups, with the objective to contribute to the global standardization activities, keeping in view the national interest. TEC is the nodal agency for implementation of Mandatory Testing & Certification of Telecom Equipment (MTCTE). The testing is carried out by Labs accredited by TEC as per the Essential requirement (ER) prepared for corresponding device.

2. The Metaverse is a virtual universe where people can interact, work, play and socialize through digital avatars in immersive 3D environments. It blends augmented reality (AR), virtual reality (VR) and the internet to create interconnected spaces that go beyond traditional online experiences. As technology advances, the metaverse promises to transform how we connect, offering new opportunities for entertainment, education and business in a virtual environment. Metaverse, as an emerging digital ecosystem, is expected to revolutionize various sectors, including telecommunications, IoT, Education and ICT, by providing a virtual, immersive environment where people and devices can interact seamlessly.

3. In view of rapid advancements in the area of Metaverse, TEC is in process of constituting a **Working Group(WG) on “Metaverse and its use cases”** to have a focused and coordinated approach for preparation of a Technical Report on Metaverse and its use cases aligned with Global Standardization efforts.

4. The WG on ‘Metaverse and its use cases’ has an objective to bring on-board all stakeholders in the area of Metaverse from academia, industry/start-ups, R&D organizations, service providers, Govt. Organizations, etc. for the development of Technical Report on “Metaverse and its use cases”.

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 WG on 'Metaverse and its use cases'. The nominations may kindly be sent by e-mail to ra01-iot-tec@govcontractor.in and adet.iottec-dot@gov.in with cc to adg.iottec-dot@gov.in with the following details latest by **14.11.2025**:

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

(Raghav Purwar)
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To,
All stakeholders through TEC website/email

Copy to:

1. Sr. DDG, TEC
2. AD(IT), TEC with a request to upload the letter on TEC website