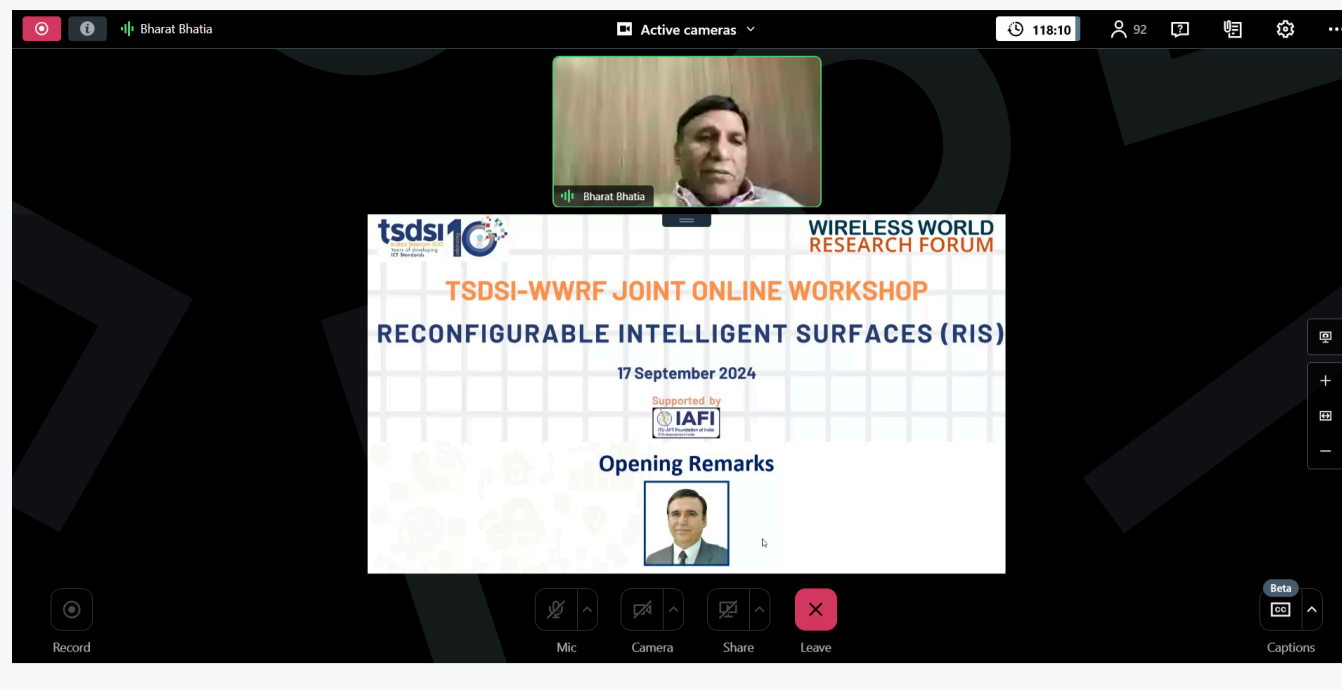


## THE WEEKLY NEWS SUMMARY

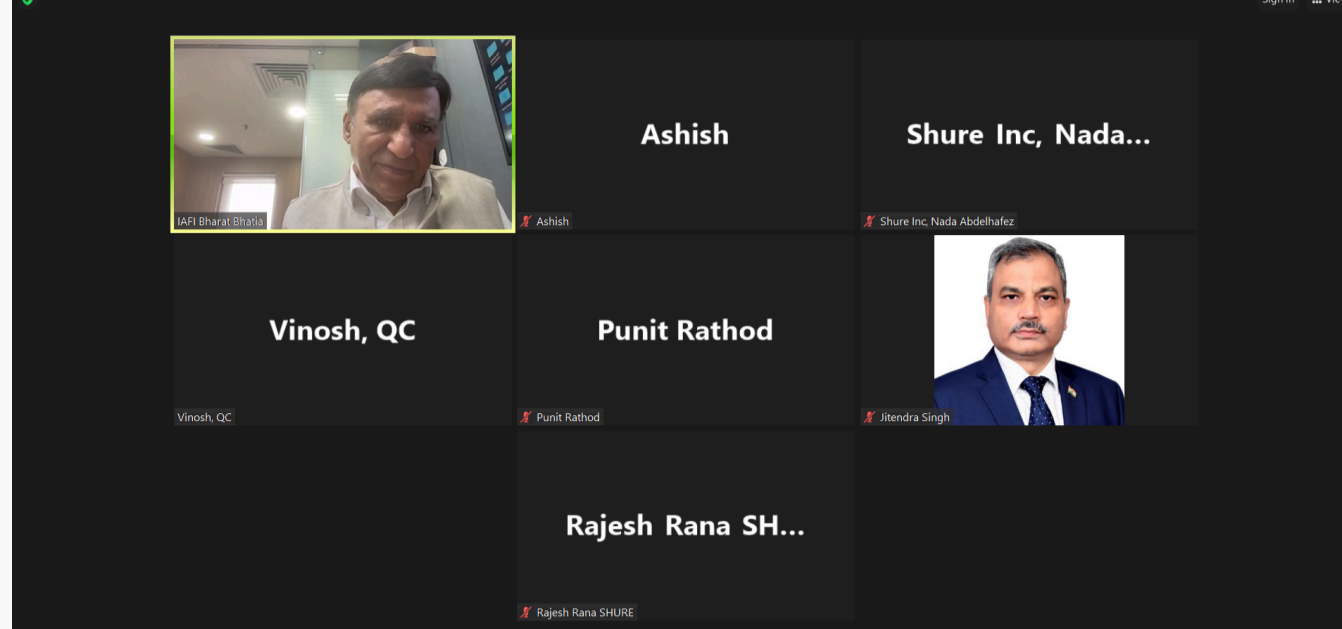
### IAFI News

#### WWRF-TSDSI along with IAFI organized a workshop on RIS



The World Wireless Research Forum (WWRF), TSDSI, and IAFI jointly hosted a workshop on Reconfigurable Intelligent Surfaces (RIS) on September 17, 2024. RIS, a promising wireless technology, dynamically controls radio signals between transmitters and receivers. The workshop offered an in-depth overview of RIS standards and fostered knowledge sharing about current and emerging trends in this field. Shri Bharat Bhatia, President of IAFI, was one of the distinguished guest speakers who emphasized the pivotal role of RIS in shaping the future of 6G communication. Expert speakers invited were Prof. Arzad Alam Kherani (Chair, TSDSI Work Group on Application Layer Standards) and Prof. Angeliki Alexiou (Chair - WWRF WGs on Radio Communication Technologies and High Frequency Radio Technologies). Learned speakers explained how RIS will prove a versatile tool for enhancing future IMT-2030 systems. By providing improved coverage, capacity, energy efficiency, spectral efficiency, and support for advanced technologies like massive MIMO and 6G, RIS have the potential to revolutionize mobile communication networks soon.

#### IAFI Radio Group meeting to review documents for the upcoming WP-5D/WP-4C meeting



IAFI Radio Group meeting was held on 18-09-2024 in a hybrid mode, to review the documents to be submitted in the upcoming WP-5D meeting, likely to be held from 03-10-2024 to 11-10-2024 at Geneva, Switzerland. Following four documents were discussed and approved by the meeting and sent to the Director (BR), ITU and finally uploaded on the WP-5D website.

- Further updates to the working document towards preliminary draft Revision of Report ITU-R M.2527-0 (C-317)
- Further updates to the working document towards a preliminary draft a new Report ITU-R M. [IMT.A2G] - Recent developments in the use of IMT-advanced and IMT-2020 for Air-to-ground communications (C-318).
- Managing the increasing complexity with the evaluation of IMT-2030 technologies (C-319).
- Proposal for a new ITU-R Report on usage of IMT for aircraft to everything (A2X) communications (C-320).

In addition to the above, one more document, to be submitted in the upcoming WP-4C meeting regarding "Studies on development of regulatory measures to limit of the unauthorized operations of non-geostationary-satellite orbit (non-GSO) earth stations in the fixed-satellite service (FSS) and mobile-satellite service (MSS) and associated issues related to the service area of nonGSO FSS and MSS satellite systems" was also discussed and approved in the meeting. Document was sent to Dir (BR), ITU for further necessary action.

#### 7th meeting of the National Working Party 4C

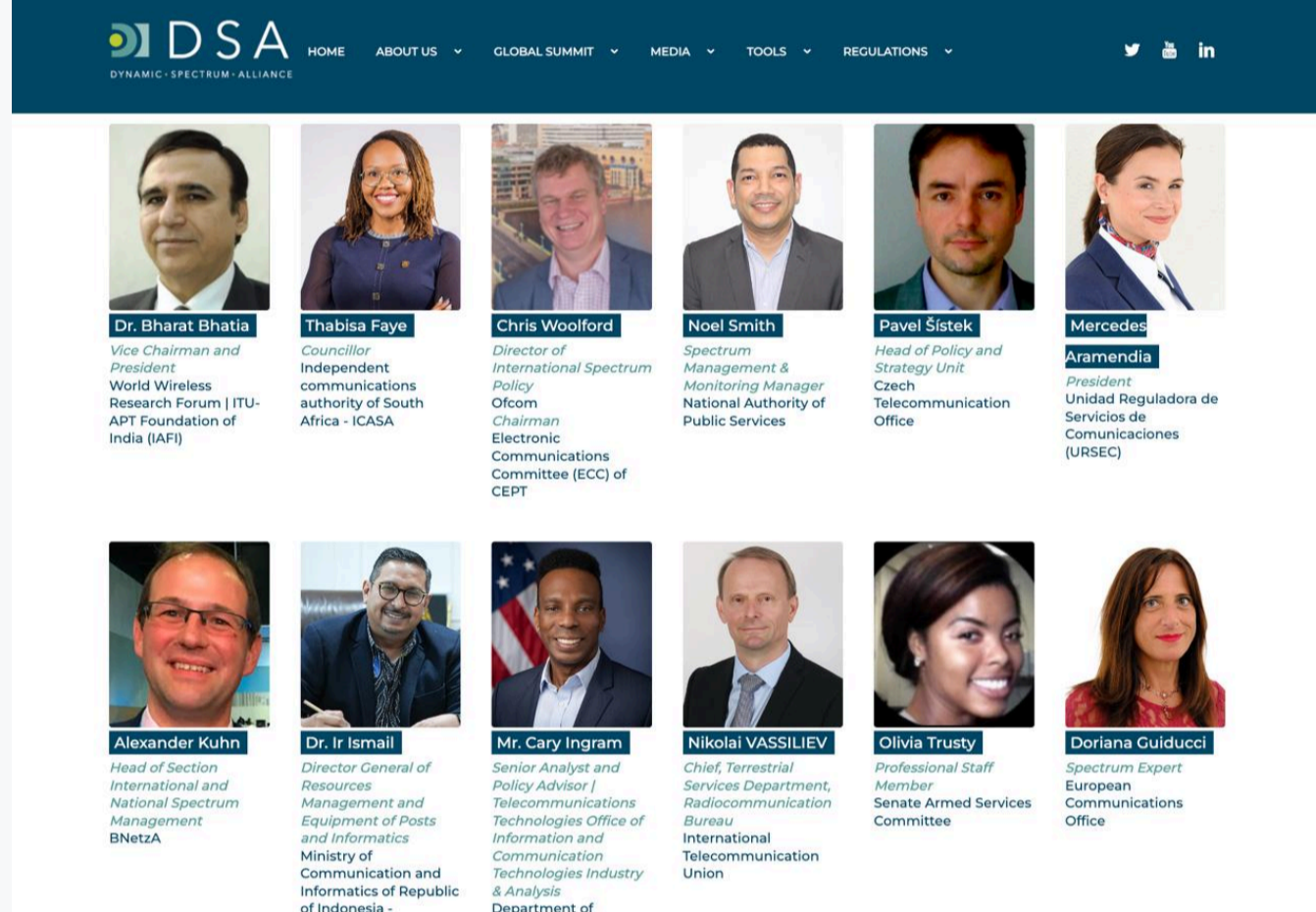


The seventh meeting of the National Working Party 4C convened virtually on September 20, 2024, at 3:00 PM. Organized by the WPC wing of DoT, the meeting focused on agenda item 1.13 of the WRC-27 conference. Among Indian stakeholders, only the IAFI submitted an input document addressing direct connectivity of the Mobile Satellite Service (MSS) and International Mobile Telecommunications (IMT) user equipment, thereby supplementing terrestrial IMT network coverage.

Main aim of the study was regarding increasing demand for ubiquitous connectivity in rural and remote regions, where infrastructure is sparse and the deployment of 4G/5G networks is economically challenging.

As the sole document presented during the meeting, IAFI's proposal was subjected to in-depth discussion. Based on the valuable feedback from participating stakeholders, the document underwent revisions and refinements to address the comments raised. Chair assured to circulate the clean version of the document to all stakeholders for final comments and finally sending to the NWP.

#### The DSA 2024 Global Summit



The Dynamic Spectrum Alliance (DSA) is a global, cross-industry organization, advocating for law, regulations and economic best practices that lead to more efficient utilization of spectrum, foster innovation and affordable connectivity for all. Main of the DSA is to make spectrum abundant and one possible way to do this is through dynamic access that makes the best use of spectrum.

A Global Summit has organized by the Dynamic Spectrum Alliance (DSA) from 23-25 Sept, 2024, in Geneva, Switzerland at Hilton Geneva Hotel & Conference Centre, a premier event for policymakers, regulators, and industry personnel on Spectrum Sharing. Sessions will include private discussion-oriented workshops and roundtables for Regulators, keynote presentations, and regulatory and industry-focused panel sessions led by Summit sponsors. Shri Bharat Bhatia, President, IAFI is invited as Guest Speaker to address the Summit.

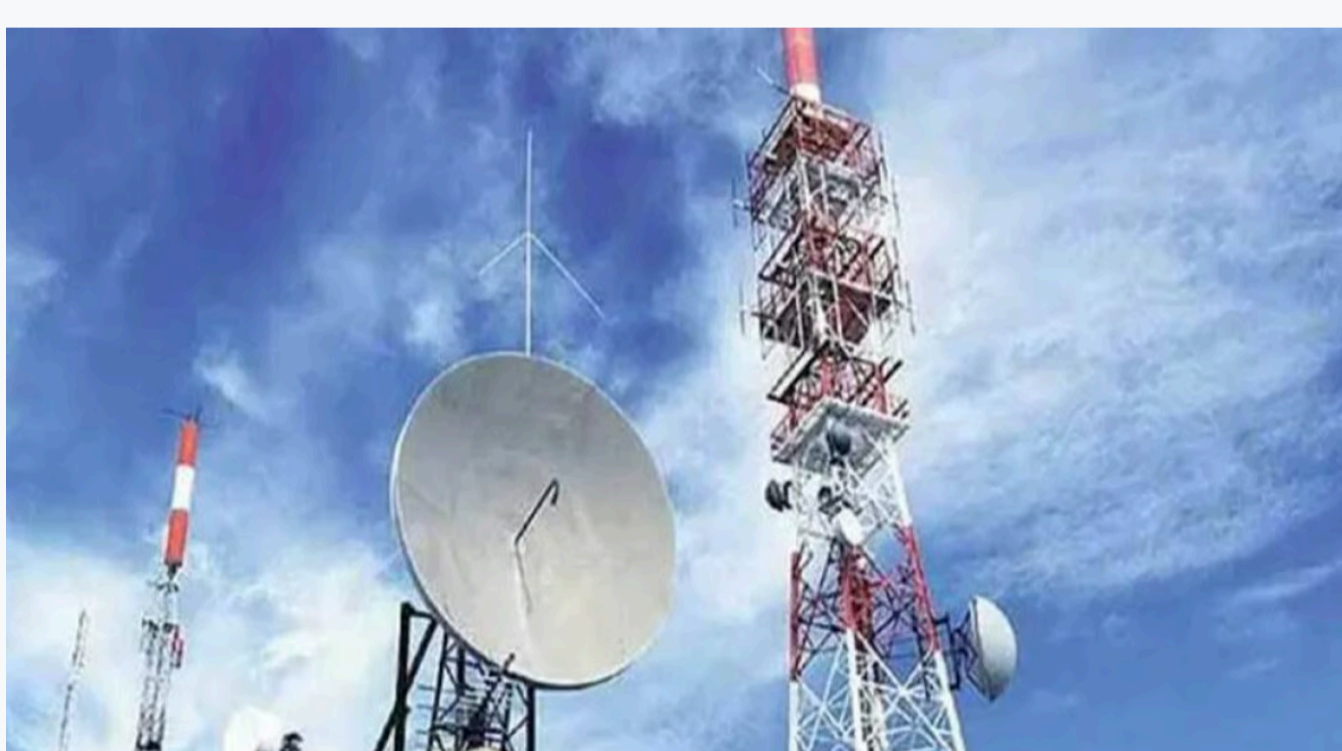
#### TRAI Consultation Papers

Consultation Papers	Submission Dates	Status	Submission
Review of the Telecom Commercial Regulations Customer Preference Regulations, 2018	25th Sep 2024	Under Development	-

#### Important Meeting that IAFI will attend

Meeting	Dates	Submission Dates	IAFI Preparatory Meetings
ITU-R: Working Party 7D - Radio astronomy	17th Sep - 26th Sep 2024	05th Sep 2024	-
ITU-R: Working party 7B - Space radiocommunication applications	18th Sep - 27th Sep 2024	06th Sep 2024	-
ITU-R: Working Party 7C - Remote sensing systems	18th Sep - 27th Sep 2024	06th Sep 2024	-
ITU-R: Working Party 5D (WP 5D) - IMT Systems	03rd Oct - 11th Oct 2024	22nd Sep 2024	25th Sep 2024
ITU-R: Working Party 4C (WP 4C) - Efficient orbit/spectrum utilization for MSS and RDSS	10th Oct - 18th Oct 2024	29nd Sep 2024	-
ITU-R: Working Party 4B (WP 4B)	16th Oct - 22nd Oct 2024	04th Oct 2024	-
ITU-R: Working Party 4A (WP 4A)	21st Oct - 31st Oct 2024	09th Oct 2024	-
ITU-R: Study Group 4 (SG 4)	01st Nov 2024	19th Oct 2024	-

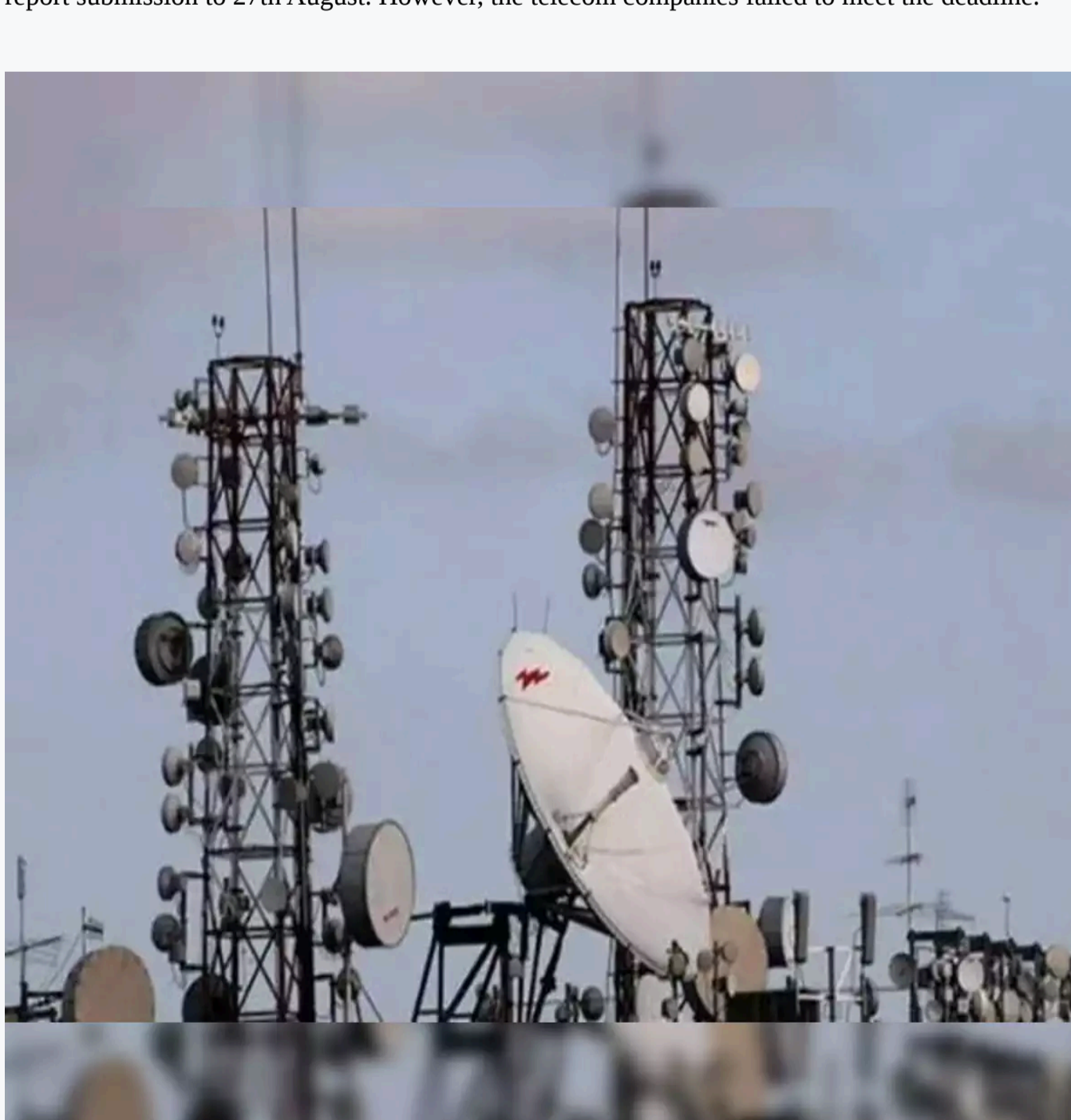
#### Telecom Stories:



The Telecom Regulatory Authority of India (TRAI) on September 19 has directed the telecom companies to submit the compliance reports based on the new quality of service rules. The direction by the regulator will come into effect from October 1.

The regulator, in its new order, issued a format in which the performance monitoring reports must be submitted within 15 days after each quarter's end. The report must be submitted by both wireless and wireline access service providers.

Earlier, the regulator held a meeting with the telecom service providers and extended the date of report submission to 27th August. However, the telecom companies failed to meet the deadline.



The telecom department has overhauled the definition of "mobile tower" in its new notification of right of way (RoW) rules released Wednesday. Experts say the move will likely relieve the telecom tower companies from attracting property tax.

This marks a victory for the telecom tower industry which had been for long urging the government to separate India's 8 lakh telecom towers from the property they are erected on.

According to a notification released by the Department of Telecommunications (DoT) on Wednesday, "mobile tower" shall be defined as "any above-ground contrivance, including that which may be dismantled and reassembled at another location, used for carrying, suspending or supporting a telecommunication network, but does not include a pole."



India is making strides in quantum and 6G technologies with a new Centre of Excellence (CoE) being set up in Karnataka. The initiative, a collaboration between the Telecom Centre of Excellence (TCOE) India and Visvesvaraya Technological University (VTU), is part of the Ministry of Communications' 100-day programme aimed at boosting innovation in these cutting-edge fields. The CoE will be based at VTU's Visvesvaraya Research and Innovation Foundation (VRIF) in Bangalore and will focus on driving advancements in quantum technology and related areas. Operating under a hub-and-spoke model, the centre will tap into intellectual and infrastructural strengths of VTU's 228 affiliated colleges, encouraging collaboration and fostering rapid innovation in quantum and 5G/6G technologies.

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