

# APRIL HIGHLIGHTS



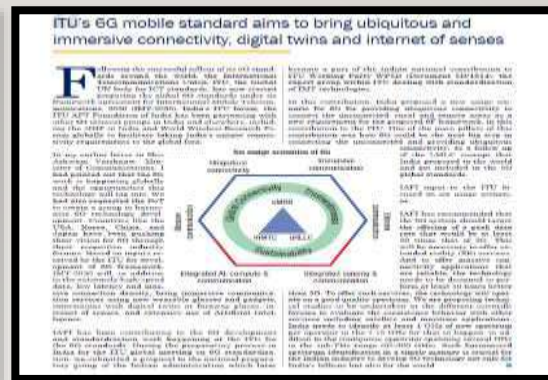
Dear Respected Member,

ITU-APT Foundation of India (IAFI) is delighted to share about the previous month's activities.

**Conference Preparatory Meeting (CPM) for WRC-23:** The second session for CPM for WRC-23, CPM23-2 opened in Geneva for 11 day meeting on 27th March with over 2000 participants and concluded on 6<sup>th</sup> April 2023. IAFI has submitted a one direct contribution and one contribution through the Indian administration to this meeting. Our inputs suggested proposed modifications of the draft CPM report to WRC-23 for Agenda Item 1.2 and Agenda 7, Topic B. A strong IAFI delegation is attending the meeting, both physically in Geneva and virtually.

**Enabling Convergence of Carriage of Broadcasting and Telecommunication services:** IAFI has finalized its response on this consultation while emphasizing about the need for a Converged Statutory & Regulatory Framework, a must carry-must provide principle. IAFI also included the response from the satellite sector as well as PMSE sector and suggested a unification of the Infrastructure.

**TRAI recommendation on "Spectrum, Roaming and QoS related requirements in Machine-to-Machine (M2M) Communications":** IAFI has submitted a letter to Shri K Rajaraman (IAS) Secretary DoT on the suggestions of Identifying "critical services" in Spectrum, Roaming and QoS related requirements in Machine-to-Machine (M2M) Communications. We have provided our comments for the proposed list of critical services and identify clear case of examples, we believe that detailed and transparent deliberation on the set of critical services is essential to ensure that the digital innovations in India are not curtailed by a restrictive rule-making.



**Development of Global 6G Standards in the ITU:** IAFI attended a meeting on 13th April, organized by TEC to discuss preparations for the next WP5D and its correspondence group on finalizing the 6G usage scenarios, including a new usage scenario for 6G towards providing ubiquitous connectivity to connect the unconnected, rural and remote areas as a new requirement for the proposed 6G framework. IAFI has already been contributing to the 6G development and standardization work happening at the ITU for the 6G standards. This proposal was submitted by India to the last meeting of WP5D.

**Proposal for a Draft New APT Recommendation:** IAFI has initiated the work for a new proposal on norms for frequency assignment and licensing of satellite networks, gateway earth stations and user terminals. This is done to better serve the increasing demand for spectrum by satellite operators to meet the growing need for high-speed data connectivity, especially in remote and underserved areas. Further suggestions in this area are welcome

**National Conference on 6G Spectrum:** IAFI organized the National Conference on 6G Spectrum Technologies and Standardization by ITU. This event was well supported by the Department of Telecom and the partners of this conference were 5GIF and GSOA. The Chief Guest of the conference was Sanjeev Agrawal, Member Technology. He laid emphasis on the development of India's 5G infrastructure. 6G Spectrum Conference Glimpses are [here](#)

**AR/VR Demo:** IAFI organized a demonstration of Augmented Reality (AR), Virtual Reality (VR) technologies at Sanchar Bhawan. Shri V J Christopher, Wireless Advisor, Shri S K Mishra Advisor (Finance) Department of Telecommunication took part in the demonstration. This demonstration was exhibited by Qualcomm, Meta, Wi-Fi Alliance and Parallax Labs. This event was also followed by a networking lunch & dinner.

**#ET5GCongress, India's 6G ambition with the role of Academia and Industry Global Standards:** It is in the interest of the entire telecommunications ecosystem to get people on the 6G bandwagon along with the affordability schemes which will be crucial to drive adoption. This session was moderated by Mr. Bharat B Bhatia, President, IAFI. This was indeed a fruitful session as it laid down the roadmap for India, right after our Hon'ble Prime Minister launched the 6G Vision document, emphasizing India's Global role for the implementation of 6G services.



## MEDIA SHOWCASE: FOLLOWING ITEMS RELATING TO IAFI WERE COVERED IN THE MEDIA

- [Development of the Global 6G Standards in the ITU](#)
- [Argument for 6GHz spectrum no crucial for Wi-Fi is misleading, experts say](#)
- [IAFI proposes ubiquitous service requirements for 6G standards in ITU](#)
- [IAFI seeks creation of national 6G mission, Telecom News, ET Telecom \(indiatimes.com\)](#)
- [5G Spectrum \(communicationstoday.co.in\)](#)
- [IAFI writes to MOC | Communications Today](#)
- [V&D December 2022 \(3\) \(1\)-min.pdf \(itu-apt.org\)](#)
- [5G: Atmanirbhar Bharat: India has strong 4G, 5G ecosystem today, says MoS telecom, Telecom News, ET Telecom \(indiatimes.com\)](#)
- [Telecom department committed to spectrum allocation for economic benefits: Official, Telecom News, ET Telecom \(indiatimes.com\)](#)
- [Minister calls for new spectrum strategy to support innovations and manufacturing | Communications Today](#)
- [IAFI and TEMA call for simplification of the Draft Telecom Bill | Communications Today](#)
- [APT nominates IAFI President to lead Wi-Fi 6 studies | Communications Today](#)
- [Don't auction satellite spectrum if you want good rural broadband, says chief of telco body IAFI \(theprint.in\)](#)
- [Asian countries to support India's candidate for ITU Regulation Board elections | Communications Today](#)
- [IAFI hosts global workshop on challenges & opportunities in Green Telecom | Telecom Magazine India \(communicationstoday.co.in\)](#)
- [Global UN body ITU adopts 6G mobile technology trends | Communications Today](#)
- [IAFI hosts World Wi-Fi Day celebrations | Communications Today](#)
- [3GPP approves IAFI's 6G IMT-2030 band plan | Communications Today](#)



# PAST IAFI EVENT



**6G**

**ITU-APT FOUNDATION OF INDIA**

**NATIONAL CONFERENCE ON  
6G SPECTRUM, TECHNOLOGIES  
AND STANDARDIZATION BY ITU**

19th April 2023, Hotel Aloft, ORR, Bangalore

Media Partner  
**COMMUNICATIONS  
TODAY**

**IAFI**  
ITU-APT Foundation of India  
ITU's Association in India

In Partnership  
**5G**  
India Forum

[Click To Register](#)

[Insights](#)

# UPCOMING IAFI EVENT



**IAFI**  
ITU-APT Foundation of India  
ITU's Association in India

**World Telecommunication and  
Information Society Day (WTISD) 2023**

Digital Transformation in the Least Developed Countries (LDC)

Wednesday, 17th May, 2023 at CSOI KG Marg New Delhi

[Click To Register](#)

[Registration](#)



# LINKS TO OUR ACTIVITIES & PROGRAMMES

1) [ITU – R CPM Document by IAFI](#)

2) [Consumer Perspectives on the 6 GHz Band](#)

3) [Augmented Reality/ Virtual Reality Demonstration](#)

4) [TRAI Enabling Convergence of Carriage of Broadcasting and Telecommunication services](#)

5) [Development of 6G Global Standards](#)

6) [TEC document on Technical Requirements and Operational Requirements for all Non-Geostationary satellite orbit](#)

7) [Letter to Secretary Telecom on Licensing framework for establishing and operating Satellite Earth Station Gateway \(SESG\)](#)

8) [Letter to MOC on the License exempt use of 6GHz](#)



# IAFI MEMBERSHIP



ITU-APT Foundation of India (IAFI) is a non-profit, non-political, non-partisan Industry foundation registered as a society under the Societies Registration Act, 1960. IAFI has been working for the last 20 years with the prime objective of encouraging the involvement of professionals, corporate, public/private sector industries, R&D organizations, academic institutions, and such other agencies engaged in the development of Indian Telecom sector. IAFI currently holds 20 corporate members in number with 125 individual members and a total of 144 members.

The benefits provided to the members include an invitation to all the events of the Foundation which include: Training programs, seminars, workshops, etc. conducted by the society on a complimentary basis, EC Members shall have access to information related to ITU and APT and other telecom journals where members can subscribe. Members are eligible to participate in ITU-T, ITU-D, and APT activities under our membership. The individual Membership Fee of IAFI has been reversed to the previous fee that was applicable since the beginning.

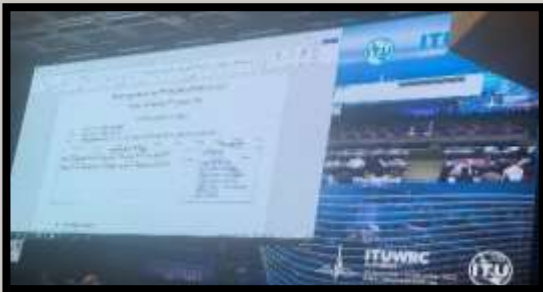
Please click: [Membership details](#)

## ITU-APT CORPORATE MEMBERS





## ACTIVITIES IN OUR FOCUS AREAS DURING THE MONTH OF APRIL 2023



**ITU-R CPM 23-2:** The second session for CPM for WRC-23, CPM23-2 opened in Geneva for 11 day meeting on 27th March with over 2000 participants and concluded on 6th April 2023. IAFI has submitted a One direct contribution and One contribution through the Indian administration to this meeting. Our inputs suggested proposed modifications of the draft CPM report to WRC-23 for Agenda Item 1.2 and Agenda 7, Topic B. A strong IAFI delegation is attending the meeting, it has been thrilling to see a large and effective Indian delegation participation with 18 physical delegates and many more virtually.



**Proposal for a Draft New APT Recommendation:** IAFI has initiated the work for a new proposal on norms for frequency assignment and licensing of satellite networks, gateway earth stations and user terminals. This is done to better serve the increasing demand for spectrum by satellite operators to meet the growing need for high-speed data connectivity, especially in remote and underserved areas. Further suggestions in this area are welcome. Furthermore, In the moth of March, The Preparatory meetings regarding the discussions on WRC-23 agenda items in preparations for NPC-23 and APG23-5 meetings have been initiated by IAFI. A few editorial and some suggestive text was finalized in the document of IMT Applications along with WRC Article 21.5. IAFI had also presented and finalized the document on generic unwanted emission characteristics of base stations using the terrestrial radio interfaces of IMT-2020 to indicate the uplink & downlink indicators for IMT bands.



**Letters to DoT by IAFI:** Two different letters were addressed to Shri. Ashwini Vaishnaw, the first letter elucidated about the economic benefits of 6 GHz Wi-Fi, such as the capabilities required for advanced use cases as Wi-Fi 6E it delivers faster speed, lower latency, higher efficiency, and higher density. The second letter focused on the urgency of accelerating momentum for 6G. IAFI also proposed the Creation of a national 6G mission with a fixed budget, time plan, office and mandate, website, logo to drive and fund research into 6G technology. IAFI also wrote a letter to K Rajaraman (Secretary Telecom) about the recommendations on "Licensing Framework for Establishing and Operating Satellite Earth Station Gateway (SESG), explaining on how there is should be a commitment to a fair and non-discriminatory treatment of service licensees/ permission holders.



**IAFI response to the consultation paper on Enabling Convergence of Carriage of Broadcasting and Telecommunication services:** IAFI has submitted its response on this consultation while emphasizing about the need for a Converged Statutory & Regulatory Framework, a must carry-must provide principle. IAFI also included the response from the satellite sector as well as PMSE sector and suggested a unification of the Infrastructure.