

To
Shri Devusinh Chauhan,
Hon'ble Minister of State for Communication
Sanchar Bhawan
New Delhi-110001

December 20, 2022
ITU-APT/L/2020-21/465

Sub: Recommendations of the 2nd India Spectrum Management Conference (ISMC-22)

Dear Sir,

Thanking you again for honouring the India Spectrum Management Conference 2022 as the Chief guest at the event and sharing the vision of Honourable Prime Minister of India towards manufacturing and innovation in the Telecom sector.

ISMC-22 covered the multiple facets of subjects including the ITU Radio Regulations, global preparatory activities for WRC-23, the role, and activities of APT in spectrum issues in the Asia Pacific Region and in WRC-23 preparations, developing a blueprint for effective spectrum pricing and award mechanisms, delivering a spectrum strategy and roadmap for India. It was a gathering of more than 350 telecom professionals, from different parts of the world that stayed glued to the deliberations, besides the senior government officials of DoT, TRAI, WPC wing, and TEC along with telecom stalwarts of the industry such as Jio, Meta, Qualcomm, 5GIF, Ericsson, GSA, Tata Communications, Shure Incorporated, CUTS International, WiFi Alliance, C-Dot, COAI, DIPA, TEMA, and other ICT experts from Industry and academia. This event was well covered by the media

Some of the key Recommendations of the Conference are summarised below:

Session	Recommendation
Key spectrum challenges, opportunities, and targets for India - Spectrum Strategy to support 5G rollout, tackling the digital divide, connecting the unconnected and providing impetus to local manufacturing- Spectrum Roadmap for the Future: Sub GHz, mid bands and the mm wave bands that represents a key enabler for the future of 5G	<ol style="list-style-type: none">1. Auction new low and mid band spectrum bands for 5G: 4.4-4.9 GHz, 2600 MHz, 1400 MHz, 600 MHz2. Substantially reduce Reserve price for future auctions for new 5G bands3. Delicense 5925-6425 MHz for Low power indoor WiFi

WRC-23 – Key Issues, Challenges & Opportunities and how the WRC-23 preparatory process is progressing	1. Create a national Core group with leadership from government and secretariat from Industry to prepare for Various ITU meetings- Work on each agenda item with possible for or against recommendation
Towards the 6G Strategy – Spectrum & Global vision for creating a human-friendly, sustainable, and efficient mobile society and bring a new era of seamless connectivity between billions of connected humans and devices, generating gigantic data streams.	Create a national 6G project office with a dedicated office, budget, website on a mission mode outside the DOT to guide the research, ITU preparations, contributions, 3GPP coordination, etc.
Strategy to enable 5G for Fixed Wireless Broadband for tackling the digital divide and connecting the unconnected	Open new WiFi bands for unlicensed use to enable fixed wireless broadband
Private Networks - Innovation in enterprises and Industries: Rise of Captive and Non-Captive 4G/5G networks	Urgently decide on spectrum for Captive private networks and its pricing.

I will be happy to make a detailed presentation on all these recommendations at a convenient time. It is therefore requested that a suitable time slot may kindly be allotted for this.

Warm Regards,

Bharat B Bhatia,

President, ITU-APT Foundation of India

Vice Chairman - Asia Pacific, World Wireless Research Forum (WWRF)

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