

TELECOM REGULATORY AUTHORITY OF INDIA



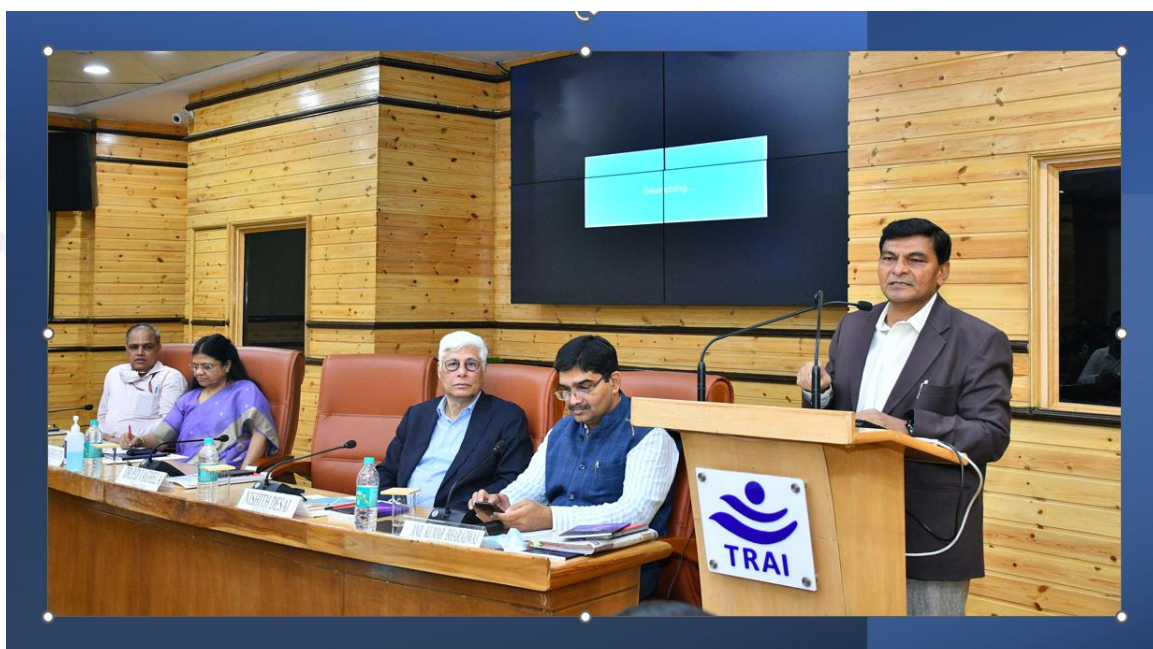
सत्यमेव जयते

E-NEWSLETTER



75
Azadi Ka
Amrit Mahotsav

SEPTEMBER 2022



Chairman, TRAI addressed at the workshop held on Metaverse, organised by the Centre for Studies & Research on 12th Sept 2022

Y E A R S
ANNIVERSARY

Consultation Papers

Consultation Paper on “Leveraging Artificial Intelligence and Big Data in Telecommunication Sector”

TRAI released a Consultation Paper on "Leveraging Artificial Intelligence and Big Data in Telecommunication Sector" on 5th August 2022.



The consultation paper presents use cases of Artificial Intelligence (AI) and Big Data (BD) in the areas such as Quality of Service (QoS), Spectrum Management, and Network Security. The paper also presents examples of AI and BD already deployed in the telecom networks by operators in India and other jurisdictions. Use cases that are under consideration by telecom operators have also been discussed in the paper.

It has been noted that 5G and beyond networks will provide a plethora of data that may be useful for telecom as well as other sectors. Edge Computing in the 5G era may offer opportunities to other sectors to train, validate and run their AI models in the telecom networks. The developments happening in the 6G and possibilities emerging in the 6G era to leverage AI and BD in telecom as well as other sectors indicates telecom can play an important and crucial role. Therefore, the Authority decided to widen the scope of consultation and cover areas where 5G and beyond networks may enhance the capabilities of other sectors to make use of AI and BD.

The paper covers opportunities and risks in the adoption of AI and BD such as unethical use, bias in data and algorithms, privacy, model instability, regulatory and legal non-compliance.

For AI to function, data is essential. The paper lists out the constraints in availability and accessibility of data. Another challenge for AI is the availability of AI specific infrastructure. Adequate availability of skilled manpower in AI is also a constraint in the adoption of AI. If privacy concerns are not addressed and trust is not instilled among the users, then it may become one of the biggest concerns in the adoption of AI. The paper deliberates various privacy concerns and its impact on developing intelligent solutions.

Finally, the paper identifies and presents various solutions and initiatives that may be taken to address the risks and concerns. It also suggests ways to overcome constraints for faster adoption of AI.

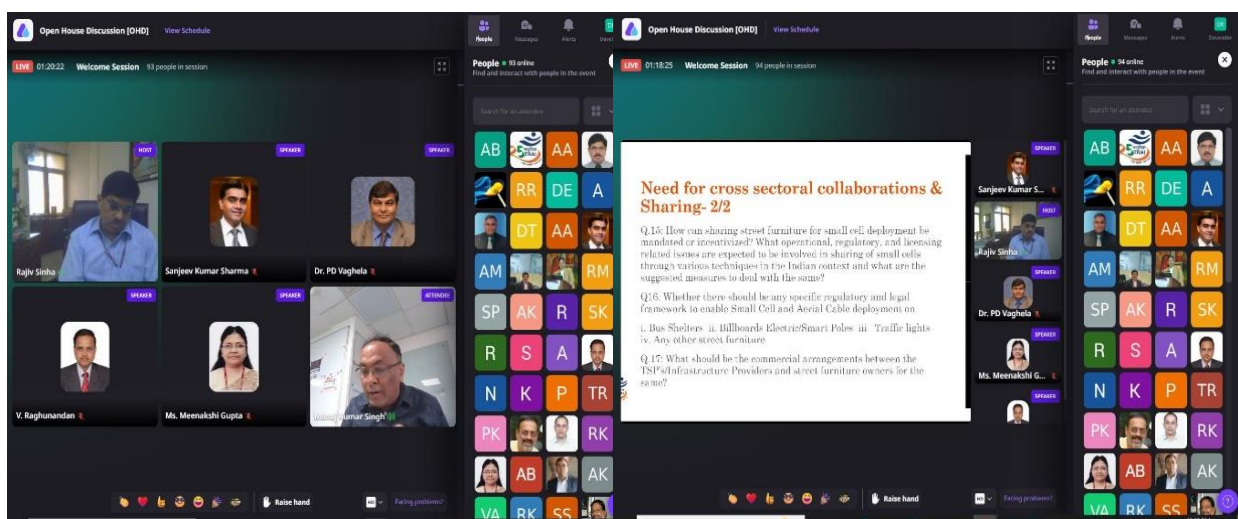
Consultation paper is accessible from the following link or QR code.

https://traf.gov.in/sites/default/files/CP_05082022.pdf

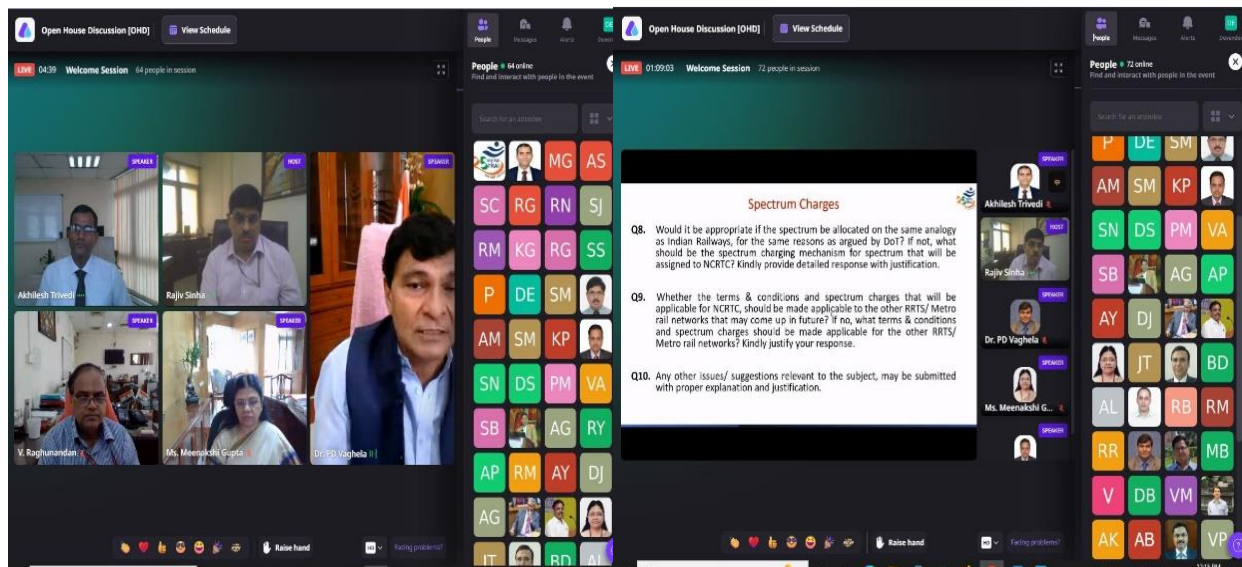


Open House Discussion

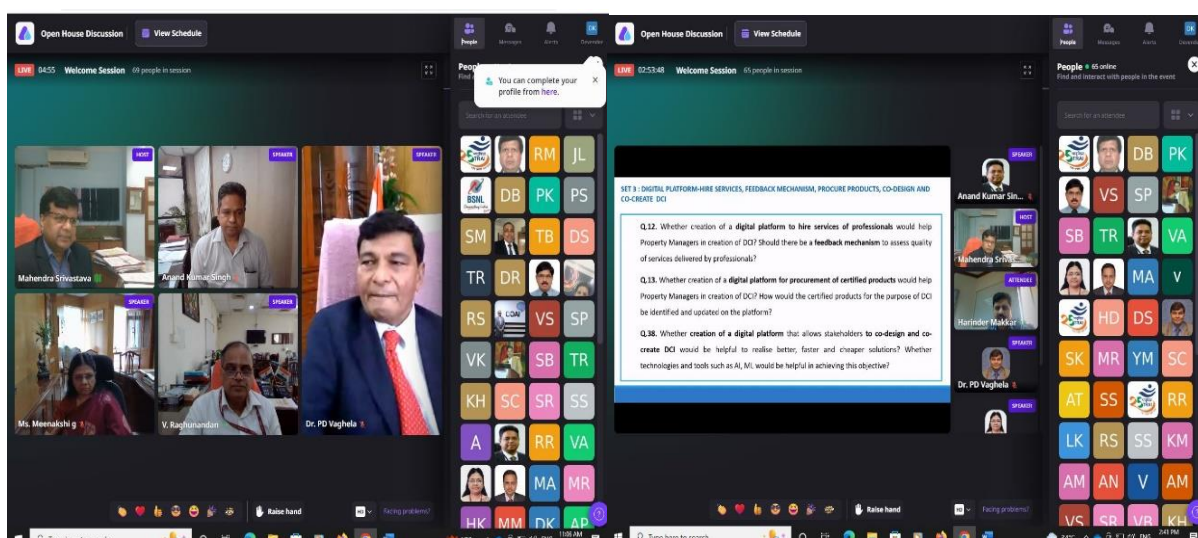
- a) **TRAI conducted an Open House Discussion (OHD) on the Consultation Paper on “Use of Street Furniture for Small Cell and Aerial Fiber Deployment” on 23rd August 2022.**



b) TRAI conducted an Open House Discussion (OHD) on the Consultation Paper on “Spectrum Requirements of National Capital Region Transport Corporation (NCRTC) for Train Control System for RRTS Corridors on 25th August 2022.



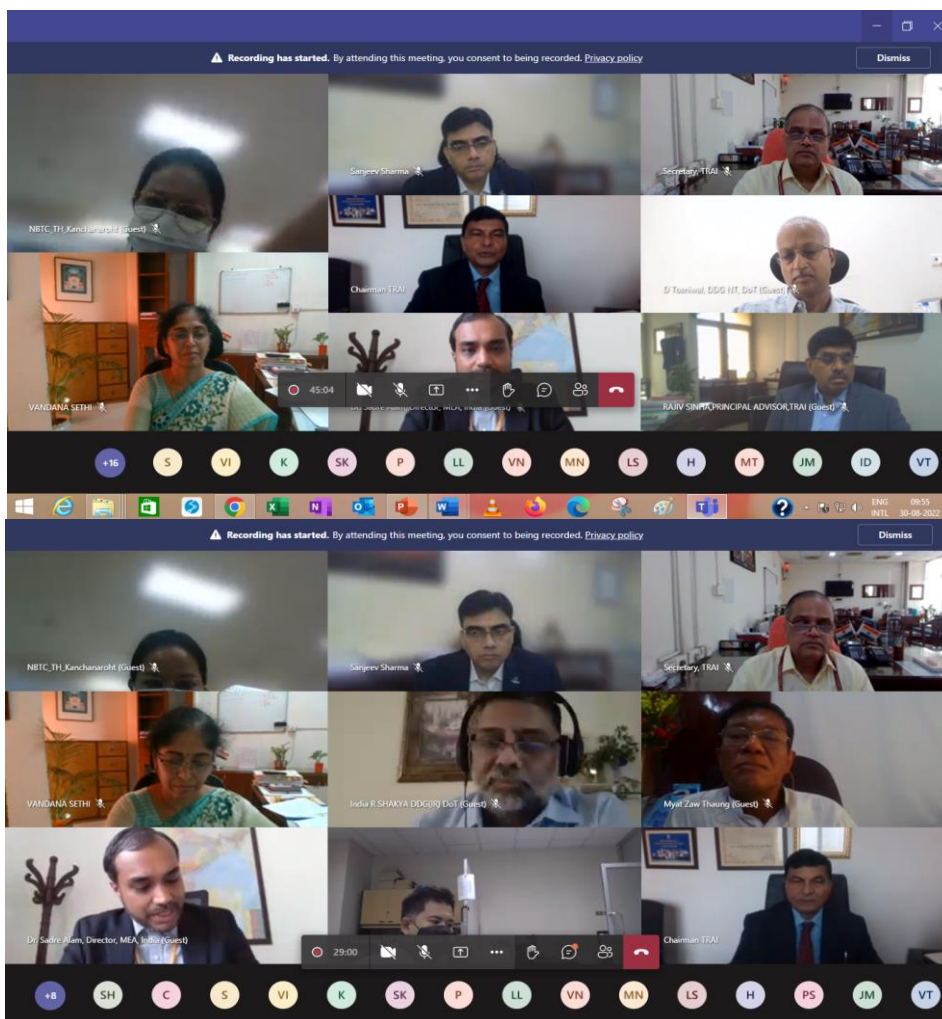
c) TRAI conducted an Open House Discussion (OHD) on the Consultation Paper on “Rating of Building of Areas for Digital Connectivity” on 29th August 2022.



Workshop

TRAI organized the ASEAN Workshop on “Fostering Broadband Access and Connectivity” on 30–31 August 2022

TRAI organized a two-day Virtual Workshop on “Fostering Broadband Access and Connectivity” on 30–31 August 2022 in coordination with the MEA and DoT under ASEAN – India ICT Dialogue. This Workshop was attended by 25 officers from ASEAN Member countries, DoT and TRAI.



Telecom Subscriptions

Telecom Subscription Data as on 31st July 2022:

Particulars	Wireless	Wireline	Total
Urban Telephone subscribers (Millions)	626.74	23.66	650.40
Rural Telephone subscribers (Millions)	521.29	1.97	523.26
Total Telephone subscribers (Millions)	1148.03	25.63	1173.66
Overall Tele-density (%)	83.25	1.86	85.11
Share of Urban Subscription (%)	54.59	92.31	55.42
Share of Rural Subscription (%)	45.41	7.69	44.58
No. of Broadband Subscribers (Millions)	777.95	29.47	807.42

Active wireless subscribers on the date of Peak VLR in July 2022 were 1013.18 million.

In July 2022, 10.23 million subscriber requests were made for MNP. By the end of July 2022, a total of 724.79 million consumers have availed the MNP facility since its implementation.

Miscellaneous

Panel of Auditors (Updated List) for the audit of Digital Addressable Systems (DAS) dated 25th August 2022:

TRAI released updated list of the panel of auditors to carry out digital addressable systems from time to time. In this context, TRAI released the updated list for panel of auditors on 25th August 2022.

Consumer Outreach Programmes

On the occasion of its Silver Jubilee, TRAI initiated special Consumer Outreach Programmes (CoP) for different sections of the society as under:

S. No.	Place	Date
1	Gosaba, Sundarban (West Bengal)	3 rd August 2022
2	Jaipur (Rajasthan)	5 th August 2022
3	Visakhapatnam (Andhra Pradesh)	12 th August 2022
4	Bhilai (Chhattisgarh)	23 rd August 2022
5	Warangal (Hyderabad)	25 th August 2022
6	Patiala (Punjab)	31 st August 2022

PHOTO GALLERY



Consumer Outreach Program for Farmers, Fishermen, Women Self Help Group etc. at Gosaba, Sundarban (WB) held on 3rd August 2022 by Regional Office, Kolkata



Consumer Outreach Program for Jaipur, Rajasthan held on 5th August 2022 by Regional Office, Jaipur



Special Consumer Outreach Programme organized at Visakhapatnam (Andhra Pradesh) by Regional Office, Hyderabad on 12th August 2022 with participation of domain Experts in fishing technology from CIFT, CIFNET and Department of fisheries, AP State



Special Consumer Outreach Program with a Local Cable Operators and Multi Service Operators on PM-WANI project for Bhilai, Chhattisgarh held on 23rd August 2022 by Regional Office, Bhopal



Consumer Outreach Program for Warangal, Hyderabad held on 25th August 2022 by Regional Office, Hyderabad




Consumer Outreach Program targeted for Senior Citizens and others at Patiala, Punjab held on 31st August 2022 by Regional Office, Jaipur

Full details of the Directions/Orders/Consultation Paper/Report, Subscription Data, etc mentioned in this newsletter are available on TRAI website www.trai.gov.in

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