

TELECOM REGULATORY AUTHORITY OF INDIA



E-NEWSLETTER



FEBRUARY 2024



Shri Anil Kumar Lahoti, Former Railway Board Chairman and CEO has taken charge as Chairman, TRAI at TRAI Headquarter, New Delhi

Seminar

Seminar on “5G Mobile Technology” at Gandhinagar on 4th January 2024 by RO Hyderabad



TRAI conducted a Seminar on the "5G Mobile Technology, Deployment challenges, use cases and Network Security" at Chennai, Tamilnadu on 04th January 2024.

The session started with a welcome address by Shri B. Praveen Kumar, ITS, Advisor, TRAI, RO, Hyderabad. He welcomed all the participants and gave details about the growth of telecom sector in the country and role of TRAI in promoting the same. He mentioned the importance of 5G Technology in respect of enhanced speed, low latency and its applications in different sectors like Agriculture, Education, Health and growth of Economy. He had also stressed the importance of security during the course of adoption of 5G Technology. He mentioned about Regulations and recommendations of TRAI to Government of India. He also mentioned that 5G technology should reach common man for inclusive digital India.

Shri Syed Tausif Abbas, ITS, Pr. Advisor (B&CS), TRAI, New Delhi, as Guest of Honor addressed the seminar and explained the importance of 5G Technology and use cases in different sectors and mentioned that around 400,000 base stations of 5G have been deployed in India so far. He also mentioned the importance of using Fixed Wireless technology (FWT).

Shri Awadhesh Kumar, Pr CCA, DOT, Tamilnadu LSA, Chennai, addressed the gathering and explained how 5G changed the way we think and work. He also mentioned how 5G enhanced user experience by connecting new enterprises and innovation of new applications.

Shri S. Parthiban, ITS, DDG (Rural), DOT, Tamilnadu LSA participated and delivered key note address. He explained about the importance of Right of Way permission for faster rollout of 5G network and laying of cable etc. He further elaborated about the Department of Telecommunication's "Gati shakti" portal for enhancing coordination between local bodies and telecom service providers for speedy provision of ROW permissions.

In the seminar, Shri Syed Tausif Abbas, ITS, Pr. Advisor (B&CS), TRAI, New Delhi also gave presentation on "5G Technology, Use cases in various sectors" from TRAI perspective. Shri Brajendra Kumar, ITS, Advisor, TRAI, Bengaluru gave presentation on "Integration of satellite in 5G network". Shri Govindan Ramalingam, Deputy CTO, Reliance Jio Infocom Ltd, Tamilnadu, Shri Suresh Kumar Injumuri, RAN Head, Bharti Airtel Ltd, Tamilnadu gave presentation on "5G Deployment Challenges and use cases " from service providers perspective, Shri. Chakrapani Kakumanu, Radio sales solution Manager, Nokia Solutions and Networks India Private Ltd., Mr. Jagdeep Walia, General Manager-Technology and Security Consulting, Ericsson India also gave presentation from Industry perspective. Shri.R. Babu Srinivasa Kumar, DDG (SC&HQ), NCCS, Bengaluru gave presentation on "5G Network security Standards, testing & certification". Shri Sudhakar S., DDG (Technology), DOT, Tamilnadu LSA gave presentation on "Information Security Management Systems-Requirements and Audits". Shri. Radha Krishna Ganti, Associate Professor, IIT Madras gave presentation on "Introduction of the 5G testbed and learnings".

The participants who attended the seminar gained insight through the proceedings and it was an important step in highlighting the deployment of 5G Technology and Network Security in the country.

After every session, clarifications were given for the queries of participants.

The program ended with vote of thanks by Shri. K.V. Suresh Babu, Joint Advisor, TRAI RO, Hyderabad.

Seminar on “Cyber Security and Emerging Threats in Cyber Space” at Chennai on 10th January 2024 by RO Jaipur



TRAI conducted a seminar on “Cyber Security and Emerging Threats in Cyber Space” at GNLU Gandhinagar, Gujarat on 10th Jan 2024. Welcome Address was given by Shri S. S. Chandak, Advisor, TRAI, RO, Jaipur. Distinguished guests from Central & State Governments and Industry experts delivered lectures on the subject matter.

Hon’ble Justice Shri S.G. Shah, Former Judge, High Court of Gujarat was Chief Guest on the occasion. Prof. (Dr.) S. Shanthakumar, Director, GNLU, Shri A. K. Somani, Additional DGT, Gujarat LSA DOT, Shri Sandeep Sawarkar, Chief General Manager, BSNL Gujarat attended the seminar as special guest.

Dr. Nilay Mistri, Associate Professor, School of Cyber Security and Digital Forensics, NFSU delivered presentation on “Cyber Security and Emerging Trends in Digital Forensic”.

Shri Jaipal Singh Tomar, Advisor (QoS), TRAI, New Delhi delivered presentation on “Combating Telecom Fraud: Challenges and Government Initiative”.

Dr. Chintan Pathak, Advocate and Cyber Security Expert, Surat delivered presentation on “Handling and Admissibility of Electronic Evidence”.

Shri Naveen Jakhar, ADG (AI & DIU), Department of Telecommunications, New Delhi delivered presentation on “Leveraging Emerging Technology for Cyber Security and Threats Prevention”.

Shri Mukesh Choudhary, CEO Cyberveer Technologies, Jaipur delivered presentation on “Emerging Cyber Crimes & Challenges for LEA’s during investigation”.

The Seminar concluded with vote of thanks.

Seminar on “Digital Inclusion: Universal Access to Information and Communication Technology” at Siliguri on 12th January 2024 by RO Kolkata



TRAI conducted a seminar on “Digital inclusion: Universal Access to Information and Communication Technology” at Siliguri on 12th January 2024.

Shri Rajiv Kumar IPS, Principal Secretary IT and DGP of West Bengal Police graced the Seminar as chief Guest and addressed the participants. Shri Rajiv Kumar in his keynote address emphasized the need of greater collaboration between all stakeholders to build robust telecom infrastructure which he termed information highways.

Mr. Roy M Jacob, ITS, Additional Director General, DoT, West Bengal LSA graced the program as Special Guest and Mr. Yogendra Sharma, Secretary, Information Technology, Government of Sikkim graced the program as Guest of Honour and delivered talk on Digital inclusion and highlighted policy initiatives undertaken and strategies adopted by Government both at central and state level to achieve digital inclusion and further scope of fine-tuning efforts in this regard.

Dr. S K Samanta, Advisor, Regional Office Kolkata welcomed all the dignitaries and participants and highlighted the objectives of the seminar for understanding the impact of Digital Inclusion to all people including those at remote areas.

Mr. Yogendra Sharma, Secretary (IT) in his speech briefed about the steps taken by the Government of Sikkim and the challenges being faced to achieve digital connectivity, maintaining quality of telecom services and networks in the state of Sikkim.

First session was chaired by Mr. A.K. Singh, ITS, Advisor (CA&IT) from TRAI Headquarter and eminent speakers Dr S.K. Samanta, Mr. Chanchal Chakraborty MD&CEO of M/s ATM Towers, Ms. Soncharee Das, Assistant Superintendent from Malda Medical College and Mr. Manoj Mishra, Vice president, M/s Bharti Airtel Limited delivered presentations on various e-governance initiatives in health, public service delivery and initiatives to be taken by MSMEs for digital transformation towards Industry 4.0 using emerging technologies.

Second session was chaired by Mr. Mahmud Rehman, ITS, DDG Sikkim DoT, Government of India, and distinguished experts from the field of technology and networks such as Professor Subhas Barman of Jalpaiguri Government Engineering College, Mr. Amit Anand, Regulatory Head, M/s Nokia Networks and Mr. Malay Saha from Common Service Center (CSC) delivered talks to address various issues, constraints and challenges in offering affordable digital access for general public at large, maintaining safety and security of the common users, and emphasis was laid on mutual co-operation and collaboration between various stake-holders involved in telecom ecosystem.

The seminar was attended by officers of DoT, representatives of telecom service providers including BSNL, consumer groups, industry associations, corporate users as well as general consumers, students, and academia from districts of North Bengal, of Bihar, Siliguri, and Sikkim.

The seminar concluded with vote of thanks by Mr. Amit Ghosal, ITS Joint Advisor, Regional office Kolkata.

Events

TRAI celebrated New Year 2024 at TRAI HQ, New Delhi



Telecom Subscriptions

Telecom Subscription Data as on 31st December 2023:

Particulars	Wireless	Wireline	Total
Urban Telephone subscribers (Million)	633.44	29.12	662.56
Rural Telephone subscribers (Million)	525.05	2.72	527.77
Total Telephone subscribers (Million)	1158.49	31.84	1190.33
Overall Tele-density (%)	82.95	2.28	85.23
Share of Urban Subscription (%)	54.68	91.46	55.66
Share of Rural Subscription (%)	45.32	8.54	44.34
No. of Broadband Subscribers (Million)	866.19	38.35	904.54

Active wireless subscribers on the date of Peak VLR in December 2023 were 1047.88 million.

In December 2023, 12.44 million subscriber requests were made for MNP. By the end of December 2023, a total of 927.19 million consumers availed the MNP facility since its implementation.

Other Miscellaneous

1. TRAI released the updated list of panel of Auditors to carry out audit of Digital Addressable Systems (DAS) on 2nd January, 10th January and 23rd January 2024, vide which three Auditors M/s Xestion Advisor Pvt. Ltd, M/s D. R. Mohnot & Company and M/s Vinay Naveen & Co were added during the month. The total number of auditors empanelled by TRAI to carry out the audit of DAS as on 31st January 2024 is 50.
2. TRAI released report on drive tests conducted during the quarter ending September 2023 in twenty cities, their surrounding areas and highways namely: Vellore, Kadapa, Berhampur, Thiruvananthapuram, Raigad, Bengaluru, Bhagalpur & Munger, Dibrugarh-Sivasagar-Tinsukia, Kalimpong-Jalpaiguri-Alipurduar, Patna-Muzaffarpur-Motihari, Ajmer & Pushkar, Karnal, Moga, Korba, Sagar, Jaipur-Pushkar HW, Panipat-Ambala HW, Jalandhar-Moga HW, Sagar-Lakhnadan HW and Korba-Raipur HW, on 09.01.2024.

The Drive tests were conducted to assess the cellular/ mobile network quality of service provided by telecom service providers for voice and data services.

Consumer Outreach Programmes

TRAI conducted Consumer Outreach Programmes (CoPs) for different sections of the society as under:

S. No.	Place	Date
1	Palayam (Thiruvananthapuram)	11 th Januray 2024
2	Lucknow (Uttar Pradesh)	16 th Januray 2024
3	Kurnool (Andhra Pradesh)	23 rd Januray 2024
4	Bilaspur (Chhattisgarh)	23 rd Januray 2024
5	Karwar (Karnataka)	23 rd Januray 2024
6	Medininagar (Jharkhand)	24 th Januray 2024
7	Amreli (Gujarat)	24 th Januray 2024
8	Panji (Goa)	25 st January 2024
9	Nizamabad (Telangana)	30 st January 2024

PHOTO GALLERY



Consumer Outreach Program at Kurnool (Andhra Pradesh) on 23rd January 2024 by RO Hyderabad



Consumer Outreach Program at Bilaspur (Chhattisgarh) on 23rd January 2024 by RO Bhopal



Consumer Outreach Program at Karwar (Karnataka) on 23rd January 2024 by RO Bangluru



Consumer Outreach Program at Medininagar (Jharkhand) on 24th January 2024 by RO Kolkata



Consumer Outreach Program at Amreli (Gujarat) on 24th January 2024 by RO Jaipur



Consumer Outreach Program at Nizamabad (Telangana) on 30st January 2024 by RO Hyderabad

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

**Mahanagar Doorsanchar Bhawan, Jawahar Lal Nehru Marg,
(Old Minto Road), New Delhi-110 002.**

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