

No. 18-3/2024-O&M
Government of India
Ministry of Communications
Department of Telecommunications

Sanchar Bhawan, 20, Ashoka Road,
New Delhi-110001
Dated: 31.12.2024

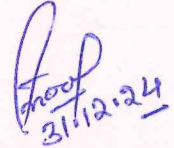
Subject:- Monthly Summary for the Cabinet on important events of the Department of Telecommunications for the month of November, 2024.

The undersigned is directed to circulate herewith a copy of the unclassified portion of the Monthly Summary for the Cabinet on the important events of the Department of Telecommunications for the month of November, 2024 for information.

2. This issues with the approval of Secretary (T).

Hindi version will follow.

Encl.:- As above


31/12/24

(Anoop Kumar)

Under Secretary to the Govt. of India
Tel.: 011-2303 6213

To

PS to All Members of the Council of Ministers.

Copy to:-

1. Secretary to the President ("Rashtrapati-Ke-Sachiv").
2. Secretary to the Vice- President ("Up-Rashtrapati-Ke-Sachiv").
3. CEO, NITI Aayog, New Delhi.
4. All Members of NITI Aayog, New Delhi.
5. Chairman, U.P.S.C., New Delhi.
6. Joint Secretary, Cabinet Secretariat, Rashtrapati Bhawan, New Delhi.
7. Copy also to :-
 - i. Secretary, Department of Education
 - ii. Secretary, Department of Legislative.
 - iii. Secretary, Department of Statistics.
 - iv. Secretary, Department of Scientific & Industrial Research.
 - v. Secretary, Department of Defence Production.
 - vi. Secretary, Ministry of New and Renewable Energy Sources.
 - vii. Secretary, Ministry of Urban Development.

- viii. Secretary, Department of Science & Technology.
- ix. Secretary, Railway Board.
- x. Secretary, Department of Atomic Energy.
- xi. Secretary, Department of Space.
- xii. Secretary, Department of Electronics.
- xiii. Secretary, Department of Posts.

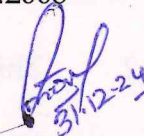
8. Copy to:-

- i. P.S. to Hon'ble Minister for Communications/P.S. to Hon'ble MoSC
- ii. PSO to Chairman, Digital Communications Commission & Secretary, DoT
- iii. Sr. PPS/PPS to Member (Finance)/ Member (Services)/ Member (Technology)/ DG (Telecom) HQ/ Administrator (USOF)/ Eco. Adv./ WA, WPC

9. Additional Director General, PIB, Shastri Bhavan, New Delhi-110001.

10. Director General (Media & Communications), Ministry of Information & Broadcasting, Shastri Bhawan, New Delhi.

11. Policy-I Section w.r.t. their letter No. 6/6/2008-Policy-I dated 14.11.2008


(Anoop Kumar)

Under Secretary to the Govt. of India

Tel.: 011-2303 6213

**MONTHLY SUMMARY FOR THE CABINET ON IMPORTANT EVENTS OF
THE DEPARTMENT OF TELECOMMUNICATIONS FOR THE MONTH OF
NOVEMBER, 2024**

A. Important events in DoT for the Month of November, 2024:

1. Gazette Notification of rules under the Telecommunications Act, 2023

i. Gazette Notification of security related rules under the Telecommunications Act, 2023: After carrying out public consultation on the draft rules published in August 2024, the following rules were finalized and notified by the Department:

- Telecommunications (Telecom Cyber Security) Rules, 2024 on 21.11.2024
- Telecommunications (Temporary Suspension of Services) Rules, 2024 on 22.11.2024
- Telecommunications (Critical Telecommunication Infrastructure) Rules, 2024 on 22.11.2024

ii. Gazette Notification of Draft Rules to be framed under the Telecommunications Act, 2024: Draft of the Telecommunications (Regulatory Sandbox) Rules, 2024, being framed under provision of Telecom Act, has been published on 28.11.2024 in the Official Gazette for public consultation and objections/suggestion have been invited from all within a period of 30 days from the date of publication in the Gazette.

2. Amendment in Flight and Maritime Connectivity Rules, 2018

Rule 9, Sub-rule (2) of the Flight and Maritime Connectivity Rules, 2018 has been amended vide Gazette notification number G.S.R 682(E) dated 28.10.2024, which will help the IFMC service provider to provide both i.e. mobile communication services and internet service through Wi-Fi in aircraft.

3. Multilateral Meeting: Asia Pacific Telecommunity:

- Seminar on Progress of APT (SPA-2024): A Seminar on Progress of APT (SPA-2024) took place on 18 November 2024 in Kuala Lumpur, Malaysia. The seminar aimed to review the activities and achievements of the Asia-Pacific Telecommunity (APT) in 2024, along with discussions on regional initiatives. One of the key proposals discussed was India's suggestion to create a Portal for Sharing Best Practices among APT members, which aims to facilitate the exchange of successful ICT policies and practices within the region.
- 48th Session of the APT Management Committee (MC-48): The 48th Session of the APT Management Committee (MC-48) was held from 19 to 22 November 2024, in Kuala Lumpur, Malaysia. The meeting's main objectives were to review APT's activities in 2024 and to approve the work program and budget for 2025. Additionally, reports were presented from various key forums and

groups, including the APT Policy and Regulatory Forum, the APT Telecommunication/ICT Development Forum, the APT Wireless Group, the APT Standardization Program, the APT Capacity Building Programme, and the South Asian Telecommunication Regulators' Council (SATRC). Further discussions included updates on ITU's World Telecommunication Conferences and related preparatory groups such as WTDC, WRC, and WTS.

4. India-Japan Dialogue on Economic Strategy including Strategic Trade and Technology from 27th to 28th November, 2024 at Tokyo, Japan

Hon'ble EAM proposed the establishment of a bilateral dialogue mechanism to protect, advance and incentivize our bilateral collaboration to build resilience in critical and strategic domains. Dialogue was conducted at the level of Foreign Secretary- Vice Minister, Ministry of Foreign Affairs, Japan. The dialogue served as a high-level coordination platform to allow India and Japan to tackle strategic challenges at the nexus of trade, trusted technology and security. The broad scope for dialogue would include cooperation in sectors such as critical minerals, critical goods including pharmaceuticals, semiconductors, 5G, clean energy, Open RAN, submarine cables, defense, space, civil nuclear sector, digital sector, advanced computing etc. An officer from Department of Telecommunications was deputed to attend the discussions led by Foreign Secretary.

5. 100 5G Use Case Labs:

Regarding the establishment of 100 5G Labs across educational institutes, the status update for November, 2024 is as follows:

- Four Vendors had been selected for supply of equipment with 25 labs each for North, South, West and East Zone. At present, all 100 labs have been successfully installed, and User Acceptance Testing (UAT) is currently in progress.

6. Status of PM WANI Scheme:

- Total number of Wi-Fi Hotspots under PM WANI added in November - 109
- PM Wani Hotspots as on 31.11.2024 - 2,47,028

7. Progress on NBM targets of Fiberization:

OFC laid [Target 50 lakh km]	41,26,709 km as of 30.06.2024	41,91,060 km as of 30.09.2024
% of BTS Fiberized (Target 70%)	44.65% as of 30.06.2024	45.33% as of 30.09.2024
No. of mobile Towers (Target 15 Lakh)	8,11,716 as of 31.10.2024	8,13,978 as of 28.11.2024

8. Important policy decisions and achievements on Artificial Intelligence (AI) & Security:

A list of important policy decisions and achievements on AI and Security is given at Annexure-A.

9. Achievements of National Communications Academy (NCA-T), Ghaziabad Campus are given at Annexure-B.

10. Social media activities undertaken during November, 2024 are listed at Annexure-C.

B. PERFORMANCE OF PSUs OF DOT

1. BHARAT SANCHAR NIGAM LTD. (BSNL)

- a. Gross SIM sale for the month: 13,92,853.
- b. Gross Bharat Fibre (FTTH) Achievement: 84,650 Nos. in the month of November, 2024.
- c. A total of 8,63,181 Rural FTTH connections have been provided on BharatNet Infra under special project through BharatNet Udyami upto November, 2024.
- d. Gross Leased Circuits including upgradation is 2245 nos. (Gross provision is 1647 and Upgradation is 598) in the month of November, 2024.
- e. a) Platinum EB sales: Rs 185.12 Crs.
b) Gold EB sales: Rs 496.29 Crs.
- f. Gross Bharat Air Fibre Achievement (Data): 299 in November, 2024.
- g. Gross Copper Landline Achievement: 1347 connections, Copper Broadband is 142 in October, 2024.
- h. 310 GB of Caching and 260 GB peering links have been added (cumulatively 3030 GB links in current FY 2024-25) making the cumulative capacity of 7980 GB Caching and 4354.05 GB Peering link capacity.
- i. The data traffic from the wire line broadband has increased from 118 PB (April-2019), 155 PB (April-2020), 279 PB (April-2021), 393 PB (April-2022), 556 PB (April-2023), 701 PB (April-2024) to 705 PB in the month of November, 2024.
- j. No. of Online transactions on portal has increased from 27,82,427 (April-2019), 36,53,078 (April-2020), 38,71,899 (April-2021), 37,45,974 (April-2022), 38,62,674 (Apr-2023) and now maintained around same level , ie 36,87,787 (Apr-2024) to, 35,28,657 in the month of Nov-2024, despite shifting of transactions to whatsapp and mobile App.
- k. MNP Ratio (Po/Pi): 1.90 {Port In= 4,61,064, Port out= 8,76,429}.
- l. GSM, GPRS & CAMEL International roaming service has been launched on dated 26-11-2024 with the operator Etisalat (UAE).
- m. 9400 4G sites installed and 7901 4G sites commissioned in the month of November
- n. First of its Kind 5G-as-a-Service tender launched for Delhi, pre-bid meeting saw participation from 29 industry players

- o. 4G QoS Command Centre established in Corporate Office to enhance network performance and service quality
- p. BSNL SBIPay to reduce transaction charges and enhance BSNL's payment capabilities. BSNL UPI development initiated - approvals received from NPCI. SBI on-boarded as PSP.

2. TELECOMMUNICATIONS CONSULTANTS INDIA LIMITED (TCIL)

- Provisional unaudited Turnover up to October 2024 for the Financial Year 2024-25 is Rs. 1397.90 Cr and the Profit before tax (PBT) is Rs. 78.64 Cr. The same for upto October, 2023 for FY 2023-24 was Rs. 1182.51 Cr.
- TCIL has secured orders for a total of Rs. 13.57 Cr from foreign & inland clients in the month of November 2024. Total Order Booking up to November 2024 in FY 2024-25 is Rs. 1359 Cr (combined Domestic & Foreign).

3. INDIAN TELEPHONE INDUSTRY (ITI)

The performance of the Company in the month of November 2024 is Rs. 259.59 Crore (Provisional). The turnover is mainly constituted from supply of HDPE, OFC, RAN Equipment, Contract manufacturing, Mini PC, Laptops, ODC, Telephones, Solar Panels, Banking Products, Execution of BSNL 4G, Tanfinet, NFS, Airtel NLD and GujNet projects, AMC for MLLN and GPoN Equipment, Business from Data Centre, Services from Test labs, Reliability lab, Start Ups, LED Street lights, VSSC Business and business generated by Corporate MSPs etc.

C. BharatNet

a. **Gram Panchayats:** BharatNet project is being implemented in a phased manner to provide broadband connectivity to all the Gram Panchayats (approx. 2,50,000) in the country. The cumulative status of the BharatNet project, at the end of November, 2024 is as follows:

Optical Fiber Cable laid	: 6,92,299 KMs
GPs connected by Optical Fibre Cable (OFC)	: 2,09,272 (GPs)
Total GPs Service Ready (OFC + Satellite)	: 2,14,289 (GPs)

With effect from 01-07-2022, the work of O&M and utilisation of BharatNet (except State led model States) have been assigned to BSNL. For BharatNet Phase-II (being implemented on OFC/Radio), the respective Implementing Agencies are responsible for the utilisation of the created network.

Further, 11,91,587 FTTH connections have been installed by BSNL & other ISPs using BharatNet. Overall data usage on BharatNet is about 1,39,498 (TB) for the month of November, 2024.

b. **Extension of BharatNet connectivity upto villages:** The Union Cabinet approved the Amended BharatNet Program on 04.08.2023 so as to expand the scope

with focus on utilization of the services, using professional agencies for construction, upgradation and maintaining the BharatNet network.

Salient features of Amended BharatNet Program are as follows:

- BSNL has been made the overall Project Management Agency (PMA).
- The network from Blocks to Gram Panchayats (around 2.64 lakh) will be maintained by Professional Agencies selected through bidding process. The contract Period will be for 10 years (including 3 years for construction)
- Remaining 3.8 Lakh villages are to be constructed on demand basis.
- There is a target to provide 1.5 crores home fibre connections across rural households/ institutions/ enterprises over a period of five (5) year through BharatNet Udyami model.

The RFP for selection of PIAs for 16 packages for implementation of Amended BharatNet Program has been floated by BSNL on 15.02.2024 and various Amendments / Clarifications have been issued by BSNL. The tender/RFP has been opened on 07.08.2024 and bids are being evaluated by BSNL. As per Cabinet approval, the RFP is to be finalized within five months of Cabinet approval, signing of Master Service Agreement (MSA) within one month of award of work and completion of construction work of project within 36 months from signing of MSA.

D. TELECOM SECTOR KPIs

The details regarding number of telephones and tele-density in the country as at the end of October, 2024 are as under-

Total no. of Wireline Connections	37.52 Million
Total no. of Wireless Connections	1151.18 Million
Total no. of Connections	1188.70 Million
Tele-density	84.49 %

Important policy decisions and achievements on Artificial Intelligence (AI) & Security

- The citizen centric Sanchar Saathi portal <https://sancharsaathi.gov.in> has been visited by 8.54 Crore citizens till date, with around 2 lakh visitors every day. Till date 24,85,335 mobiles handsets have been reported and blocked, out of which 14,88,621 mobile handsets have been traced. Further, 2,89,675 mobile handsets have been recovered by the States / UTs police.
- Analysis has been carried out on 134 crore mobile connections using AI based tool to detect mobile connections obtained on fake documents. Till November 2024, 78.33 lakh suspected connections have been disconnected failing re-verification. 70,895 Point of Sale (PoSs), selling SIMs on fake documents have been blacklisted and 365 FIRs have been registered across the country.
- DoT has disconnected about 20,242 Principal Entities, 34,313 SMS Headers and 3.24 Lakh SMS Templates involved in sending malicious SMSs till date.
- 2.41 lakh mobile handsets used with disconnected fraudulent mobile connections obtained on fake documents have been blocked across all the TSPs till date.
- 11.6 lakh social media profiles like WhatsApp have been disengaged and 10.98 lakh bank/wallets accounts have been frozen which were linked to disconnected mobile connections obtained on fake documents till date.
- C-DOT and IIT Roorkee have signed an agreement on 13.11.2024 to develop a "Polymer-Based Millimeter Wave Transceiver" which can revolutionize rural 5G connectivity. This project, supported by the Telecom Technology Development Fund (TTDF) will reduce costs and improve deployment of 5G in rural areas, bridging the digital divide across India.

Achievements of NCA-T, Ghaziabad campus (erstwhile NTIPRIT)

1. **Training man-days/Manpower trained:**
 - a. Training Man-Days achieved during the month- 2165
 - b. Manpower trained during the month- 765
2. **Webinars/Workshops:**
 - a. A webinar on the Telecom Right of Way Rules, 2024 was organized on 13-11-2024. This virtual gathering facilitated dynamic exchange of ideas on enhancing digital infrastructure for India's future. It was attended by more than 450 participants from Govt. and industry.
 - b. A webinar on Vigilant Procurement was organized on 14-11-2024. The event focused on promoting transparency and accountability in procurement and our commitment to vigilant practices. It was attended by 230 participants from various units of DoT and its PSUs.
3. NCA Ghaziabad observed the **Jan Jatiya Gaurav Diwas** on 20-11-2024, by organizing a special session for the officer trainees of ITS-2023 batch highlighting the significance of the day and the immense contributions of India's diverse tribal community Faculty.

Social Media Activities Undertaken during November, 2024

<p><u>Twitter:</u></p> <ul style="list-style-type: none">• Total No. of Tweets: 87 (original), 6 (repost)• Total Replies: 1.3K• Earned- Re-tweets & Likes: 17.9K• Earned Impressions: 696.2K• New Followers: 1.2K• Total Followers: 217.4K
<p><u>Facebook:</u></p> <ul style="list-style-type: none">• Total No. of Posts: 70• Earned Shares: 498• Likes : 2.8K• Reach: 523.7K• New Followers: 205• Total Followers: 58.6K
<p><u>YouTube:</u></p> <ul style="list-style-type: none">• Total No. of Video Posts: 46• Video Views: 52.2K• Watch Time: 2200 Hours• New Subscribers: 491• Total Subscribers: 9.47K
<p><u>Instagram:</u></p> <ul style="list-style-type: none">• Total No. of Posts: 38• Earned Impressions: 232.7K• Likes: 22.98K• New Followers: 1400K• Total Followers: 25.9K