

**GOVERNMENT OF INDIA
MINISTRY OF COMMUNICATIONS
DEPARTMENT OF TELECOMMUNICATIONS**

**LOK SABHA
STARRED QUESTION NO. 44
ANSWERED ON 3RD DECEMBER, 2025**

BASE TRANSCEIVER STATIONS

***44. SHRI C N ANNADURAI:
SHRI SELVAM G:**

Will the Minister of COMMUNICATIONS be pleased to state:

- (a) whether the Government is aware that Telecom Service Providers (TSPs) have installed 35,655 5G Base Transceiver Stations (BTSS) in Tamil Nadu and launched 5G services across all districts and if so, the details thereof;
- (b) the district-wise details of 5G BTSS installed, particularly in Tiruvannamalai and Kanchipuram districts along with the number of villages covered under 5G network in each of these districts;
- (c) whether the Government proposes to extend additional financial or technical assistance to improve 5G connectivity and digital infrastructure in rural and underserved areas of these districts;
- (d) the details of 5G Use Case Labs and Test Beds established in Tamil Nadu; and
- (e) whether the Government has any plans to establish such innovation and research facilities in or near the Tiruvannamalai and Kanchipuram districts to promote start-ups and digital inclusion and if so, the details thereof?

**ANSWER
MINISTER OF COMMUNICATIONS AND DEVELOPMENT OF NORTH EASTERN
REGION
(SHRI JYOTIRADITYA M. SCINDIA)**

- (a) to (e) A statement is laid on the Table of the House.

STATEMENT TO BE LAID ON THE TABLE OF LOK SABHA IN RESPECT OF PARTS (a) to (e) OF THE LOK SABHA STARRED QUESTION NO.44 FOR 3RD DECEMBER, 2025 REGARDING “BASE TRANSCEIVER STATIONS.”

(a) As on 31.10.2025, Telecom Service Providers (TSPs) have installed 37,187 5G Base Transceiver Stations (BTSSs) in Tamil Nadu. Further, 5G services have been launched by Telecom Service Providers in all districts of Tamil Nadu.

(b) As per information provided by TSPs, the district-wise count of 5G BTSSs in Tamil Nadu, including Tiruvannamalai and Kanchipuram districts, is placed at Annexure-I. Further 5G BTSSs have been installed in 224 and 231 villages in Tiruvannamalai and Kanchipuram districts respectively.

(c) Yes, the Government has taken several technical and financial initiatives to improve 5G connectivity and digital communication infrastructure across the country, including rural and underserved areas in Tiruvannamalai and Kanchipuram districts. These initiatives, *inter-alia*, include the following:

- i. Auction of spectrum for 5G mobile services in 2022.
- ii. Financial reforms to rationalize Adjusted Gross Revenue (AGR), Bank Guarantees (BGs) and interest rates.
- iii. Removal of Spectrum Usage Charges for spectrum acquired in auction of 2022 and thereafter.
- iv. Simplification of procedure for SACFA (Standing Advisory Committee on Radio Frequency Allocations) clearance.
- v. Launch of GatiShakti Sanchar portal and RoW(Right of Way) Rules to streamline RoW permissions and clearance of installation of telecom infrastructure.
- vi. Time-bound permission for use of street furniture for installation of small cells and telecommunication line.
- vii. 4G Saturation scheme to provide 4G mobile coverage in uncovered villages.

(d) & (e) To promote start-ups and digital inclusion, one 5G Test Bed has been established at IIT Madras and seven 5G Use Case Labs have been established at different Higher Educational Institutions in Tamil Nadu. These seven institutions are National Institute of Technology Tiruchirappalli, Vellore Institute of Technology, College of Engineering Guindy (Chennai), SASTRA Deemed University (Thanjavur), Sri Sivasubramaniya Nadar College of Engineering (Chennai), Saveetha Institute of Medical and Technical Sciences (Chennai), and SRM Institute of Science and Technology (Chengalpattu district). It is to mention that Chennai, Vellore and Chengalpattu districts are near or adjacent to Tiruvannamalai and Kanchipuram districts.

Annexure to Lok Sabha Starred Question No. 44 to be answered on 03.12.2025.

District-wise count of 5G BTSs in Tamil Nadu:

Sr. No.	Districts	Count of 5G BTSs
1	Ariyalur	127
2	Chengalpattu	2,251
3	Chennai	4,679
4	Coimbatore	3,169
5	Cuddalore	984
6	Dharmapuri	605
7	Dindigul	827
8	Erode	1,279
9	Kallakurichi	319
10	Kanchipuram	904
11	Kanniyakumari	786
12	Karur	464
13	Krishnagiri	1,195
14	Madurai	1,563
15	Mayiladuthurai	108
16	Nagapattinam	334
17	Namakkal	788
18	Perambalur	170
19	Pudukkottai	447
20	Ramanathapuram	443
21	Ranipet	492
22	Salem	1,863
23	Sivaganga	432
24	Tenkasi	457
25	Thanjavur	874
26	The Nilgiris	282
27	Theni	481
28	Thiruvallur	2,475
29	Thiruvarur	341
30	Thoothukkudi	735
31	Tiruchirappalli	1,241
32	Tirunelveli	830
33	Tirupathur	523
34	Tiruppur	1,787
35	Tiruvannamalai	675
36	Vellore	873
37	Viluppuram	601
38	Virudhunagar	783
	Total	37,187
