

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

**LOK SABHA
UNSTARRED QUESTION NO. 466
TO BE ANSWERED ON 5TH FEBRUARY, 2020**

PRODUCTION OF TELECOMMUNICATION EQUIPMENTS

466. SHRI RAM MOHAN NAIDU KINJARAPU:

Will the Minister of COMMUNICATIONS be pleased to state:

- (a) the steps taken by the Government to promote indigenous production of telecommunication equipment;
- (b) whether the Government proposes to set up research and development centres in the country for advancement of telecommunications sector;
- (c) if so, the details thereof; and
- (d) the measures taken by the Government for improving cooperation between the department of telecommunications and the department of space?

ANSWER

**MINISTER OF STATE FOR COMMUNICATIONS,
HUMAN RESOURCE DEVELOPMENT AND
ELECTRONICS & INFORMATION TECHNOLOGY
(SHRI SANJAY DHOTRE)**

- (a) Department of Telecommunications (DoT) has issued the Public Procurement (Preference to Make in India) notification for telecom products, services and works to promote indigenous production of telecommunication equipments and to give preference to domestic telecommunications manufacturers and supplier in public procurements.
- (b) & (c) There are various institutes/centers which are working on research and development for advancement of telecommunications sector. The details are as under:
 - (i) Centre for Development of Telematics (C-DOT) is an autonomous telecom research & development body funded by the Department of Telecommunications. C-DOT is involved in research and development (R&D) activities as well as in field implementation of technologies developed.
 - (ii) Telecom Centre of Excellence (TCOE) has been created as a PPP initiative by the Department of Telecommunications, Government of India, to strengthen the R&D ecosystem in ICT where Government works as a facilitator, Industry as the ultimate user, and academia as the research unit.
 - (iii) Telecommunications Standards Development Society, India (TSDSI) was established as an autonomous body by Indian industry, Academia, Research entities and the

Government of India to drive Telecom Standardization activities in India and project Indian interests in global forums.

- (iv) In order to support furtherance of research and study in 5G through financial assistance to institutions of national importance, DoT has approved the multi-institute collaborative project to set up 'Indigenous 5G Test Bed' in India in collaboration with IIT Madras, IIT Delhi, IIT Hyderabad, IIT Bombay, IIT Kanpur, IISc Bangalore, Society for Applied Microwave Electronics Engineering & Research (SAMEER) and Centre of Excellence in Wireless Technology (CEWiT). The project is the first step of a collaborative effort of a pan-Indian multi-institutional team which will enhance national capability in telecom technology, develop indigenous IP and give fillip to Indian telecom manufacturers.

(d) Department of Telecommunications(DOT) is responsible for formulation of the National Frequency Allocation Plan (NFAP) and unified national views on important spectrum related international matters in International Telecommunication Union (ITU-R) and Asia Pacific Telecommunity (APT). Participation of Department of Space(DoS) is important and their views are regularly sought during deliberations in National Preparatory Committee (NPC) for WRC in DoT. During the recently concluded World Radio-communication Conference- 2019 (WRC-19), DoT and DoS worked closely in building national consensus.

Department of Telecommunications (DoT) also co-ordinates with Department of Space (DoS) in respect of Satellite Communications through various committees/meetings. One of the committee named "APEX Committee" co-ordinates to examine proposals for Telecom services on satellite media from regulatory as well as technical angle.

Further DoS Convenes the following committee for co-ordination among various departments including DoT:

- (i) Secretary level Satellite Coordination Committee (SCC): SCC has been constituted for the co-ordination and monitoring of the implementation of Indian satellite system and for planning future developments in regards thereto.
- (ii) Technical Advisory Group (TAG): TAG is an inter-ministerial committee under the aegis of SCC.
- (iii) The Committee for Authorizing the Establishment and Operation of Indian Satellite System (CAISS): CAISS mechanism is for establishment of the Indian private satellite system. CAISS considers the proposals of new satellite systems. CAISS considers the proposals of new satellite systems to launch the satellite(s) under Indian satellite system within the SATCOM policy and guidelines framed by DoS.
