

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

**RAJYA SABHA
UNSTARRED QUESTION NO. 1491
TO BE ANSWERED ON 15TH DECEMBER, 2023**

EXPORT OF TELECOM EQUIPMENT UNDER PLI SCHEME

1491 SHRI V. VIJAYASAI REDDY:

Will the Minister of Communications be pleased to state:

- (a) whether telecom equipment, manufactured in Andhra Pradesh, has been exported under the Production-Linked Incentive (PLI) scheme till date;
- (b) if so, the details thereof;
- (c) whether telecom equipment manufacturing in Andhra Pradesh has increased from 2021 to 2023;
- (d) if so, the details thereof; and
- (e) if not, the reasons therefor?

ANSWER

**MINISTER OF STATE FOR COMMUNICATIONS
(SHRI DEVUSINH CHAUHAN)**

(a) to (e) Government is committed to develop entire electronics and telecom manufacturing ecosystem in India. Further, design, development and production of electronic and telecom equipment take place across India.

To develop telecom technologies and promote manufacturing multiple initiatives have been taken. These are enumerated as follows:

PLI in telecom sector:

Production Linked Incentive (PLI) Scheme for Telecom and Networking Products was launched in June, 2021. Within a short span, it has catalyzed production of telecom equipment in India. The details are as follows:

- Total of 33 telecom and networking products.
- Incentives ranging from 4 to 7%
- Additional 1% incentive for MSMEs for first 3 years.
- Additional 1% incentive for products ‘designed in India’.
- Total 42 applicant companies including 28 MSMEs.

- Total financial outlay: Rs. 12,195 Crore.

Achievements of PLI in telecom sector till date:

	Total commitment by applicants	Progress till 31 st October, 2023
Cumulative investment	Rs. 4,014 Crore	Rs. 2,725 Crore
Incremental sales	Rs. 2,37,807 Crore	Rs. 38,999 Crore
Additional employment	44,494	15,561

- Under telecom PLI scheme, products worth Rs. 8,804 Crore have been exported till date.

TTDF:

- Government launched Telecom Technology Development Fund (TTDF) Scheme on 01.10.2022.
- TTDF is aimed at funding research and development of technologies, products, and services for providing telecom services in rural and remote areas.
- More than 405 applications have been received under TTDF Scheme from Start-ups, MSMEs, Academia, etc. After due assessment, 8 applications with a total outlay of Rs. 266.05 Crore has been approved so far. These include setting up Advanced Optical Communications Test Bed and 6G Tera Hertz Test Bed with Orbital Angular Momentum and Multiplexing.

DCIS Scheme:

- Government has launched Digital Communications Innovation Square (DCIS) Scheme to promote and support translation of innovative ideas and knowledge by Start-ups/MSMEs.
- Government has supported more than 96 start-ups/MSMEs till date with Rs. 74.7 Crore as grant-in-aid under this Scheme.
- These innovators are working on backhaul radio and communication technologies, LTE Advanced, 5G/6G and future generation access technologies, Software Defined Networks (SDNs) etc.

Made in India 5G:

- India has witnessed one of the fastest roll-out of 5G anywhere in the world with more than 4 Lakh sites commissioned in less than 14 months.
- A significant amount of equipment used in roll-out of the 5G is 'Made in India'.

Developing indigenous 5G

- Under Atmanirbhar Bharat, indigenous 4G/5G telecom stack has been developed and is under deployment in BSNL network.

Developing ecosystem:

Government of India's goal is to broaden and deepen the country's electronic manufacturing ecosystem as well as increase India's participation in electronics Global Value Chains (GVCs). Government has taken several measures to boost electronics manufacturing. They include:

- Production Linked Incentive Schemes (PLI LSEM and PLI IT Hardware)
- Scheme for Promotion of Manufacturing of Electronic Components and Semiconductors (SPECS)
- Modified Electronics Manufacturing Clusters 2.0 (EMC 2.0).
- Further, a program for Development of Semiconductors and Display manufacturing Ecosystem was also introduced, wherein, schemes, viz., Scheme for setting up of Semiconductor and Display Fabs, Scheme for setting up of Compound Semiconductors / Silicon Photonics / Sensors Fab / Discrete Semiconductors Fab and Semiconductor Assembly, Testing, Marking and Packaging (ATMP) / Outsourced Semiconductor Assembly and Test (OSAT) and Design Linked Incentive (DLI) Schemes are being implemented.

Impact of Government initiatives:

- As a result of these measures the domestic production of electronic items has increased significantly from Rs. 1,80,454 Cr. (USD 29.8 Billion) in 2014-15 to Rs. 8,22,350 Cr. (USD 102 Billion) in 2022-23.
- Further, construction on first semiconductor unit under the Semicon India program has commenced in Sanand, Gujarat.
- A prominent semiconductor company has started its largest semiconductor design centre in Bengaluru.
- Another prominent semiconductor company has collaborated with Indian Institute of Science to train a large pool of engineers conversant in semiconductor technologies.
- Further, Mobile production has increased from Rs 18,900 Cr. in 2014-15 to Rs. 3,50,000 Cr. in 2022-23. From about 78% import dependence in 2014, India has reached a stage where 99.2% of all mobiles sold in India are 'Made in India'.
