BHARATTRADE NET SCHEME

2232. SHRI CAPTAIN BRIJESH CHOWTA:

Will the Minister of ELECTRONICS AND INFORMATION TECHNOLOGY be pleased to state:

(a)   whether the Government has taken steps to support India's skilled workforce by assisting the domestic electronic equipment industry in leveraging Industry 4.0 opportunities and fostering innovation under the proposed BharatTradeNet (BTN) – A Unified Trade Platform mentioned in the Union Budget 2025-26;

(b)   if so, the details thereof along with the concrete plan and timeline in this regard;

(c)   whether the Government has formulated any specific plans for the skilled workforce under this initiative for Karnataka particularly Dakshina Kannada district; and

(d)   the further objectives and key components of the BharatTradeNet (BTN) scheme along with the current status of its implementation and the steps taken in this regard?

ANSWER

MINISTER OF STATE FOR ELECTRONICS AND INFORMATION TECHNOLOGY
(SHRI JITIN PRASADA)

(a) to (d):BharatTradeNet (BTN) aims to digitize cross border trade documentation, enable seamless data exchange, facilitate trade finance, ensure regulatory compliance, and enhance security. Currently, it is in the stakeholder consultation stage, focusing on integration and implementation planning.

The Government of India envisions to position India as a global hub for Electronics System Design and Manufacturing (ESDM) by encouraging and driving capabilities in the country for developing core components, including chipsets, and creating an enabling environment for the industry to compete globally. Towards this, the Government has taken several measures to boost electronics manufacturing including semiconductors in the country and incentivize large investments in electronic goods and appliances as well as to promote exports. MeitY notified National Policy on Electronics 2019 (NPE 2019) under which it introduced Production Linked Incentive Schemes for Large Scale Electronics Manufacturing and IT Hardware with a Budget outlay of Rs. 34,193 Cr and Rs. 17,000 Crore respectively, Scheme for Promotion of Manufacturing of Electronic Components and Semiconductors (SPECS) with a budget outlay of Rs. 3,285 Crore and the Modified Electronics Manufacturing Clusters 2.0 (EMC 2.0) with a budget outlay of Rs. 3,762 crore. Further, the Semicon India programme was launched with a total outlay of Rs 76,000 crore for the development of semiconductor and display manufacturing ecosystem in the country.

As a result of these initiatives, electronics manufacturing has grown significantly in last decade. The domestic production of electronic goods has increased from Rs 1.90 lakh crore in FY 2014-15 to Rs 9.52 lakh crore in FY 2023-24 (industry figures) at a Compound Annual Growth Rate (CAGR) of more than 17%. The exports of electronic goods have increased from Rs 0.38 lakh crore in FY 2014-15 to Rs 2.41 lakh crore in FY 2023-24 at a CAGR of more than 20%. Further around 2.5 million (25 Lakh) direct and indirect jobs have been created in the electronics sector till FY 2023-24 (Source: India Cellular & Electronics Association (ICEA)).

The specific details with respect to the State of Karnataka under various MeitY Schemes (Till Feb. 2025) are summarized below:

Scheme	No. of Applications	Production (INR Cr.)	Investment (INR Cr.)	Employment	Exports (INR Cr.)
PLI for Large Scale Manufacturing	6	94967.11	1915.73	34805	80836.63
PLI Scheme for IT Hardware (1 & 2.0 Combined)	3	7.89	85.92	59	2.2
Scheme for Promotion of Manufacturing of Electronic Components and Semiconductors (SPECS)	10	633.21	607..08	585	-
Modified Special Incentive Package Scheme (M-SIPS)	36	88015.10	9311.7	9419	38114.82
Total	55	183623.31	11313.35	44868	118953.67

Scheme	Total land allotted	No. of Companies allotted land	Units Under Production	Units under construction	Cumulative Investment Mobilised (INR Cr.)	Total Employment
Electronics Manufacturing Cluster (EMC)	NA	1	NA	NA	NA	58
Electronics Manufacturing Cluster (EMC 2.0)	88 acres	4	NA	1	90	300

The government is implementing various skilling projects/schemes to address the requirements of Industry 4.0 that includes:

(i). Skill Development in ESDM Sector: Two schemes on Skill Development in ESDM Sector are being implemented by MeitY to facilitate creation of an eco-system for development of ESDM Sector in the entire country entitled "Scheme for Financial Assistance to select States/UTs for Skill Development in Electronics System Design and Manufacturing (ESDM) sector" (Scheme-1& 2) Under the schemes, a total of 4,93,926 candidates have been trained nationwide and 3,75,295 candidates have been certified out of which 1,38,062 candidates have been placed in the area of ESDM Sector. In the state of Karnataka , 20,991 candidates have been trained, 14,789 candidates have been certified and 7,763 candidates have been placed.

(ii). The C2S Programme is an umbrella programme initiated by MeitY at 113 academic organizations (including 100 academic institutions/ R&D organizations and 13 startups/ MSMEs) spread across the country with an aim to train 85,000 specialized manpower in the area of VLSI and Embedded System Design and leap frog in ESDM space by way of inculcating the culture of Chip/ System-on-Chip (SoC)/ System Level Design. Under the project, so far, more than 43000 candidates have been trained under the project.

(iii). MeitY has initiated a program for training 20,000 engineering students on 3D Printing & Additive Manufacturing Technology by CDAC, Kolkata and Webel Technology

Limited. The project is being implemented in collaboration with 4 institutions in West Bengal and 3 institutions in Bihar.

(iv). FutureSkills Prime- MeitY has initiated a programme titled "FutureSkills PRIME", jointly with the National Association of Software and Service Companies (NASSCOM), aimed at re-skilling/ up-skilling candidates in new/emerging technologies, including Robotic Process Automation, Additive Manufacturing/ 3D Printing, Cloud Computing, Social & Mobile and Cyber Security.

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