GOVERNMENT OF INDIA
MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY
LOK SABHA
UNSTARRED QUESTION NO. 6142
TO BE ANSWERED ON: 01.04.2026

PROMOTION OF ELECTRONICS MANUFACTURING THROUGH EMC 2.0

6142. SHRI VISHNU DATT SHARMA:

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

(a) whether the Government is promoting electronics manufacturing, digital innovation and IT-enabled employment nationwide through initiatives such as Electronics Manufacturing Clusters (EMC 2.0), Digital India and related programmes;
(b) if so, whether the Government has examined the feasibility of establishing electronics assembly units, IT-enabled service centres or similar technology-driven employment infrastructure in the districts of Katni, Panna and town of Khajuraho in the Khajuraho Lok Sabha region;
(c) if so, whether the absence of such facilities limits technology-based employment opportunities for youth in this comparatively less-developed and largely agriculture-dependent region; and
(d) if so, the steps proposed to promote electronics manufacturing, IT-enabled services and digital entrepreneurship so that local youth obtain sustainable employment opportunities in this region?

ANSWER

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

(a) to (d): Driven by Hon'ble Prime Minister's vision of Make in India and Atmanirbhar Bharat, the Government is developing complete manufacturing ecosystem for electronics goods.

Electronics manufacturing in India has expanded significantly in the last 11 years. It can be seen from the following statistics:

Table 1:

#	2014-15	2024-25	Remarks
Production of electronics goods (₹)	1.9 Lakh Cr	~ 12Lakh Cr	Increased 5 times
Export of electronics goods (₹)	38 thousand Cr	~ 3.3 Lakh Cr	Increased 8 times

Mobile manufacturing units	2	300	Increased 150 times
Production of mobile phones (₹)	18 thousand Cr	5.45 Lakh Cr	Increased 28 times
Export of mobile phones (₹)	1,500 Cr	2 Lakh Cr	Increased 127 times
Mobile phone imported (units)	75% of the total demand	0.02% of the total demand	

From being an importer of mobile phones back in 2014, India has now become a net exporter. We have more than 300 mobile manufacturing units operational in the country.

Smartphones have emerged as India's top exported commodity in CY 2025. The top 3 commodities exported from India in CY 2025 are mentioned below:

Table 2:

#	HS Code	Item	Export value for CY 2025 (₹. Cr.)
1	85171300	Smartphones	262,452
2	27101944	Automotive diesel fuel, not containing biodiesel, conforming to standard IS 1460	1,42,227
3	71023910	Diamond (other than industrial diamond) cut or otherwise worked but not mounted or set	1,08,652

Source: DGCIS

This growth has been possible due to various measures taken by the Government in the last 11 years to promote domestic production of electronic goods, semiconductors, components and hardware. Some of the key electronics manufacturing initiatives include:

Electronics Components Manufacturing Scheme (ECMS)

Government launched ECMS to further deepen the supply chain ecosystem and develop robust electronics component ecosystem in the country.

It aims to attract investments across key components such as Printed Circuit Boards (PCBs), passive components, electro-mechanical components, sub-assemblies, camera modules, optical transceivers, and capital goods required for electronics manufacturing.

The scheme envisaged an investment of Rs 59,350 crore from the domestic/global manufacturers in India and direct employment of 91,600 during the scheme tenure.

The scheme has received an unprecedented response from the industry so far. 260 applications have been received till date, which project an anticipated investment commitment of ~Rs 1.18 lakh crores.
As on date, 75 applications have been approved across 12 states under the ECMS scheme. This is expected to attract an investment of Rs 61,671 crores and generate 65,040 jobs.

Semicon India Programme
Government of India launched India Semiconductor Mission in 2022. The aim is to develop semiconductor manufacturing and to further widen the supply chain ecosystem with respect to manufacturing of active electronics component,

In less than 3 years, ten (10) units have been approved with cumulative investment of Rs.1.6 lakh crore. Commercial production from two plants (Micron and Kaynes at Sanand) has commenced. Pilot production has started in 2 more units. Construction is also progressing rapidly in other units.

Electronics Manufacturing Clusters (EMC 2.0)
The scheme provides plug-and-play manufacturing infrastructure with ready land, utilities, and common facilities, reduce setup time, and enhance production efficiency.

30 Greenfield Electronics Manufacturing Clusters (EMCs) and 5 common facility center (CFCs) have been established across 18 States in the country.
As of now, these clusters have mobilized investments of more than Rs.30,000 crore and generated employment around 90,000 jobs.

Under the EMC Scheme, two (02) greenfield EMC projects have been approved at Badwai-Bhopal and Purva-Jabalpur with total cost of Rs.85.76 crore, including central financial assistance of Rs.38.62 crore covering an area of 90 acres.

Out of the saleable area of 55 acres, 116 manufacturing units have been allocated and 51 of these units have commenced operation. The total Investment mobilized in both EMCs is Rs. 147.8 crores and employment generated is 1366 persons.

These initiatives have significantly contributed to the creation of direct, high-skilled employment opportunities for local youth in the electronics manufacturing sector. Further, it may be noted that the Government of India initiatives are Pan India in nature. Location of the manufacturing units is decided by the industry.

Employment Generation in Electronics Manufacturing:
The growth of the electronics manufacturing sector has led to substantial employment generation. As per industry estimates, it supports around 25 lakh jobs, including direct and indirect employment.

India Semiconductor Mission (ISM)
10 semiconductor units are being constructed as part of this mission. As a foundational industry, semiconductor manufacturing is expected to have a cascading impact on employment

generation across the supply chain and allied sectors, leading to significant indirect job creation.

India Semiconductor Mission 2.0 will also focus on the manufacture of equipment and materials, design full stack, Indian IP and fortify supply chains. This will further drive more employment in the semiconductor ecosystem.

Indian IT/ ITeS industry

Our IT industry has been progressively contributing to the growth of exports and creation of employment opportunities. It is expected to grow by ~6% to reach at USD 315 Billion in FY2025-26 (E) including exports of USD 246 Billion.

The IT-ITeS Industry has created large employment opportunities and is estimated to employ ~6 million professionals. (As per industry estimates)

Digital Entrepreneurship

To strengthen the entrepreneurship ecosystem in the Electronics and ICT domain across Tier-II and Tier-III cities in India, MeitY has undertaken several initiatives to promote technology-driven startups and innovation ecosystem in the country. Some of these initiatives are:

1. **'Gen-Next Support for Innovative Startups (GENESIS)' Scheme** envisages scaling up about 1,600 technology startups, to discover, nurture and grow technology startups. The Scheme is being implemented through 65 incubation centres as Implementing Agencies
2. **Next Generation Incubation Scheme (NGIS)** aimed at supporting software product startups in 12 Tier-II locations including Bhopal. As of now, NGIS Bhopal has supported 73 startups which has generated approximately 724 employments
3. Government has set up **68 Software Technology Parks of India (STPI) centres** of which 60 centres are located in Tier-2 and Tier-3 cities. Out of these, three (03) centres have been established at Bhopal, Indore, and Gwalior.
4. Further, MeitY had also launched the T**echnology Incubation and Development of Entrepreneurs (TIDE 2.0) Scheme**. Under the scheme, financial and technical support is being provided through selected incubators located in institutes of higher learning and premier R&D organizations across the country.

Digital India programme

It was launched in line with the Prime Minister's vision of democratizing technology and ensuring that its benefits reach all sections of society. To promote digital entrepreneurship among local youth, the Government has taken various initiatives under Digital India programme, which, *inter-alia*, include the following:

1. **Common Services Centres (CSCs)** offer government and business services in digital mode, thereby enhancing last-mile connectivity in rural areas through Village Level Entrepreneurs (VLEs).
   VLEs earn money through service fees, and incentives by providing digital, financial, and government services to rural citizens such as bill payments, Aadhar related services etc.

Over 800 services are being delivered through 5.54 lakh CSCs functional across the country (in rural and urban areas).
40,954 CSCs are functional in the state of Madhya Pradesh, including 941 CSCs in Katni, 633 CSCs in Panna and 1567 CSCs in Chhatarpur district (includes Khajuraho region).

2. **Pradhan Mantri Gramin Digital Saksharta Abhiyan (PMGDISHA)** is one of the world's largest digital literacy initiatives with over 6.39 Crore persons getting trained nationwide (against the target of 6 Crore)

   In the state of Madhya Pradesh, 50,69,449 candidates were trained under the Scheme. This included 92,755 candidates from Katni and 94,679 candidates from Panna and 137205 candidates from Chhatarpur district (includes Khajuraho region).

FutureSkills Prime is a collaborative initiative of Government of India and NASSCOM. It provides skilling, reskilling, and upskilling in emerging technologies such as Artificial Intelligence, Big Data Analytics, Internet of Things (IoTs), Cyber Security, Blockchain, Augmented Reality/Virtual Reality (AR/VR), etc.

Under the programme, so far, more than 27.53+ lakh candidates have registered on the portal, out of which there have been 17.24+ lakh candidates enrolled/trained in various courses
In the state of Madhya Pradesh, more than 50,000 candidates have enrolled/trained in various courses.

National Institute of Electronics and Information Technology (NIELIT) provides digital literacy courses such as Awareness in Computer Concept (ACC), Course on Computer Concepts (CCC) etc. It has trained 43 lakh+ candidates under various courses, including digital literacy and cyber security awareness

NIELIT has more than 350 Facilitation Centres spread across the State of Madhya Pradesh, out of which nearly 15 centres are located in the districts of Katni and Panna for promoting Digital Literacy Courses (DLC).

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