

GOVERNMENT OF INDIA
MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY
LOK SABHA
UNSTARRED QUESTION NO. 1723
TO BE ANSWERED ON: 29.07.2026

**SEMICONDUCTOR FABRICATION AND OSAT POTENTIAL IN ANDHRA
PRADESH**

1723. SHRI P V MIDHUN REDDY:

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

- (a) whether the Government have assessed the potential for semiconductor fabrication, packaging and Outsourced Semiconductor Assembly and Test (OSAT) facilities in Andhra Pradesh;
- (b) if so, the details thereof particularly with regard to Visakhapatnam and existing Electronics System Design and Manufacturing clusters in the State; and
- (c) the details of steps taken by the Government to attract semiconductor investments to Andhra Pradesh?

ANSWER

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

(a) to (c): Inspired by the Hon'ble Prime Minister's vision of AtmaNirbhar Bharat and making India a global electronics manufacturing hub, Government adopted structured and targeted policy initiatives for the development of electronics manufacturing across the entire value chain including semiconductors.

The semiconductor industry is a foundational industry. All sectors of the economy such as industrial, consumer, defence, telecommunication and automotive etc depend on semiconductors. This sector offers transformative advantages by driving technological innovation, economic growth, and strategic self-reliance.

Semicon India Programme:

Recognising the importance of Semiconductors, the Government launched Semicon India Programme in January 2022 for setting up of semiconductor fabs, display fabs semiconductor packaging and also for promotion of Indian designed chips.

Under Semicon India Programme, Government has approved 12 manufacturing projects with total investment commitments of about Rs. 1.64 lakh crore. This includes the proposal of Advanced System in Package (ASIP) Technologies Private Limited for setting up Assembly Testing Marking and Packaging (ATMP) facility in district Visakhapatnam, Andhra Pradesh, with an investment of ₹468 crores. The facility will be set up in technology partnership with APACT Co. Ltd, South Korea. The production capacity of the facility would be around 96 million units/annum and the unit is expected to generate more than 500 employment opportunities, depending on the factory automation.

Further, under Semicon India Programme, Twenty-four (24) semiconductor design projects have also been approved for financial support. Additionally, 105 start-ups/MSMEs have been granted access to industry-standard Electronic Design Automation (EDA) tools. So far, the usage of these chip design tools has exceeded 87 lakh hours.

Chip to Start-up Programme:

Additionally, Government launched Chips to Startup (C2S) programme to provide industry ready manpower in chip design. Under this programme, access to cutting-edge chip design tools has been provided at no cost. The access to these tools is provided to 320 organizations. So far, the usage of these chip design tools has exceeded 240 lakh hours. The list of organizations supported under C2S programme in the State of Andhra Pradesh is at **Annex-I**.

Semicon 2.0:

To address the Semiconductor needs of the country and the world, the Union Cabinet has approved Semicon2.0 on 15.07.2026 with an outlay of ₹1.275 lakh crore, providing ample opportunity for the States to attract semiconductor investment.

Electronics Manufacturing Clusters (EMC):

Prime Minister Shri Narendra Modi ji has encouraged setting up manufacturing clusters in various sectors like electronics, textiles, defence, chemicals, etc. His vision was translated through the Electronics Manufacturing Cluster (EMC) scheme in electronics sector.

Government has supported the following EMCs in the state of Andhra Pradesh:

- i. EMC at Cherivi, Chittoor District – Spread over an area of 94 acres, with a project cost of ₹ 56.75 crore.
- ii. EMC at Vikruthamala, Chittoor District – Spread over an area of 501.4 acres, with a project cost of ₹ 248.9 crore.
- iii. EMC at Renigunta and Yerpadu, Chittoor District - Spread over an area of 113.27 acres, with a project cost of ₹ 74.27 crore.
- iv. EMC at Kopparthy, YSR District -Spread over an area of 540 acres, with a project cost of ₹ 748.76 crore.

Annex-I

List of organizations supported under C2S programme in the State of Andhra Pradesh:

1. Indian Institute of Technology Tirupati
2. Indian Institute of Information Technology Design and Manufacturing Kurnool
3. National Institute of Technology Andhra Pradesh
4. Shri Vishnu Engineering College for Women, Bhimavaram
5. Vignan's Foundation for Science Technology and Research, Guntur
6. Vellore Institute of Technology (VIT-AP) University, Amaravati, AP
7. SRM University, AP
8. Jawaharlal Nehru Technological University (JNTU), Kakinada
9. Jawaharlal Nehru Technological University (JNTU), Anantapur
10. V.R. Siddhartha Engineering College, Vijayawada
11. Anil Neerukonda Institute of Technology & Sciences (ANITS), Visakhapatnam
12. Vishnu Institute of Technology, AP

13. Sagi Rama Krishnam Raju (SRKR) Engineering College, Andhra Pradesh
14. GMR Institute of Technology (GMRIT), Andhra Pradesh
15. G. Pullaiah College of Engineering and Technology, Kurnool
16. Koneru Lakshmaiah Education Foundation, Guntur
17. Vignan's Institute of Information Technology, Visakhapatnam
18. Mohan Babu University, Tirupati, Andhra Pradesh
19. Narayana Engineering College, Gudur, Andhra Pradesh
20. Sri Vasavi Engineering College, Tadepalligudem, Andhra Pradesh
21. Gayatri Vidya Parishad College of Engineering, Visakhapatnam
22. Santhiram Engineering College, Nandyal, Kurnool
23. National Institute of Electronics and Information Technology Tirupati
