

GOVERNMENT OF INDIA  
MINISTRY OF SKILL DEVELOPMENT AND ENTREPRENEURSHIP  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 114**  
ANSWERED ON 20.07.2026

**UPGRADATION OF ITI INFRASTRUCTURE**

114. SHRI PUTTA MAHESH KUMAR:

Will the Minister of SKILL DEVELOPMENT AND ENTREPRENEURSHIP be pleased to state:

- (a) whether the Government has conducted any survey / study of Industrial Training Institute (ITI) infrastructure, especially those under the Government, during the last five years and the current year;
- (b) if so, details regarding the list of ITIs that have been deemed in need of infrastructure upgradation across the country, State and district-wise including in Andhra Pradesh;
- (c) the details regarding the funding allocated, released and utilised for ITI upgradation across the country, State and district-wise in Andhra Pradesh and year-wise during the last five years and the current year;
- (d) whether the Government has also upgraded the course material and instructors in such ITIs over the course of five years; and
- (e) if so, the details thereof and if not, the reasons therefor?

**ANSWER**

THE MINISTER OF STATE (INDEPENDENT CHARGE) IN THE MINISTRY OF SKILL DEVELOPMENT AND ENTREPRENEURSHIP

(SHRI JAYANT CHAUDHARY)

(a) & (b) The Directorate General of Training (DGT) under the aegis of Ministry of Skill Development & Entrepreneurship (MSDE) runs the Craftsmen Training Scheme (CTS), implemented mainly through the Industrial Training Institutes (ITIs). The ITIs are under the administrative and financial control of the respective State Governments. However, DGT has supported the upgradation of ITIs as per the needs highlighted by State/UT Governments through various schemes, such as the Upgradation of Existing Government ITIs into Model ITIs and the Skill Strengthening for Industrial Value Enhancement (STRIVE) Scheme. A Tracer Study to assess employment outcomes of ITI pass outs from Skills Strengthening for Industrial Value Enhancement (STRIVE) Scheme was conducted in 2024, wherein one of the parameter for the study was modernisation of infrastructure of ITIs. Further, as per the study report 78.8 percent of the respondents expressed satisfaction with the infrastructure at ITI.

(c) Under STRIVE, a total financial assistance of Rs. 25.88 crore was provided to the State of Andhra Pradesh for the upgradation of 15 ITIs. Additionally, the State-wise details of fund release under the Upgradation of Existing Government ITIs into Model ITIs scheme are placed at **Annexure I**.

(d) & (e) Upgradation of curricula for ITI training programmes is a continuous process and is generally undertaken every three years. During the last five years, 21 Craftsmen Training Scheme (CTS) courses, 15 short-term courses 17 Flexi-MoU courses and one Craft Instructor Training Scheme (CITS) have been developed and approved by National Council for Vocational Education

and Training (NCVET). Additionally, 40 CTS courses have been revised and approved to further align training with industry requirements. The list is attached at **Annexure II**.

Under CTS, 32 New Age Courses, including Green Hydrogen Production Technician and Internet of Things Technician, have been introduced in ITIs. The enrolment of trainees in ITIs across the country in the New Age Courses has increased from 8,611 in session 2022-23 to 42,338 in session 2025-26. The list of these 32 New Age Courses is at **Annexure III**.

**ANNEXURE REFERRED TO IN REPLY TO PART (C) OF LOK SABHA UNSTARRED QUESTION NO.114 ANSWERED ON 20.07.2026**

**Table 1: State-wise release of financial assistance under the Scheme “Upgradation of Existing Government ITI into Model ITI”**

| (Rs. in Lakh) |                   |                 |                       |                                      |                    |                            |                            |                           |                                              |                                                       |
|---------------|-------------------|-----------------|-----------------------|--------------------------------------|--------------------|----------------------------|----------------------------|---------------------------|----------------------------------------------|-------------------------------------------------------|
| Sl. No.       | States / UTs      | District        | Location of the ITI   | Approved allocation under the scheme | Central Allocation | Fund Release d in FY 21-22 | Fund release d in FY 22-23 | Fund released in FY 23-24 | Total Central funds released upto 31.03.2024 | UC received including unspent balance returned to CFI |
| 1             | Andhra Pradesh    | Visakhapatnam   | ITI Gajuwaka          | 900.00                               | 630.00             | 280.00                     |                            |                           | 630.00                                       | 630.00                                                |
| 2             | Assam             | Jorhat          | ITI Jorhat            | 217.50                               | 195.75             |                            |                            |                           | 195.75                                       | 157.74                                                |
| 3             | Arunachal Pradesh | Papum Pare      | ITI Yupia             | 391.50                               | 352.35             | 156.60                     |                            |                           | 352.35                                       | 352.35                                                |
| 4             | Bihar             | Saran           | ITI Marhowrah         | 900.00                               | 630.00             | 175.00                     |                            | 113.00                    | 463.00                                       | 163.45                                                |
| 5             | Chhattisgarh      | Durg            | ITI Bhilai            | 900.00                               | 630.00             |                            |                            |                           | 350.00                                       | 350.00                                                |
| 6             | Chandigarh        | Chandigarh      | ITI Chandigarh        | 150.00                               | 150.00             |                            |                            |                           | 150.00                                       | 150.00                                                |
| 7             | Delhi             | Central         | ITI Pusa              | 758.70                               | 531.09             |                            |                            |                           | 295.00                                       | 295.00                                                |
| 8             | Goa               | North Goa       | ITI Panaji            | 250.00                               | 175.00             |                            |                            |                           | 175.00                                       | 175.00                                                |
| 9             | Gujarat           | Vadodara        | ITI Dashrath          | 455.00                               | 318.50             |                            |                            |                           | 318.50                                       | 318.50                                                |
| 10            | Haryana           | Gurugram        | ITI Gurugram          | 900.00                               | 630.00             |                            |                            |                           | 630.00                                       | 630.00                                                |
| 11            | Himachal Pradesh  | Solan           | ITI Nalagarh          | 821.70                               | 575.19             |                            |                            |                           | 319.50                                       | 319.50                                                |
| 12            | Jharkhand         | Ranchi          | ITI Ranchi            | 900.00                               | 630.00             |                            |                            |                           | 630.00                                       | 597.55                                                |
| 13            | Jammu & Kashmir   | Srinagar        | ITI Srinagar          | 900.00                               | 630.00             |                            | 350.00                     |                           | 350.00                                       | 350.00                                                |
| 14            | Karnataka         | Bengaluru Urban | ITI Bangalore         | 900.00                               | 630.00             |                            |                            |                           | 350.00                                       | 350.00                                                |
| 15            |                   | Uttara Kannada  | ITI Honnavar          | 250.00                               | 175.00             |                            |                            |                           | 175.00                                       | 175.00                                                |
| 16            | Kerala            | Ernakulam       | ITI Kalamassery       | 900.00                               | 630.00             |                            |                            |                           | 630.00                                       | 630.00                                                |
| 17            | Ladakh            | Kargil          | ITI Kargil            | 208.35                               | 208.35             | 115.75                     |                            |                           | 0.00                                         | 0.00                                                  |
| 18            | Madhya Pradesh    | Bhopal          | ITI Bhopal (Women)    | 500.00                               | 350.00             |                            |                            |                           | 350.00                                       | 350.00                                                |
| 19            | Maharashtra       | Nashik          | ITI Nashik            | 224.76                               | 157.33             |                            |                            |                           | 157.33                                       | 157.33                                                |
| 20            | Odisha            | Keonjhar        | ITI Barbil            | 639.00                               | 447.30             |                            |                            |                           | 447.30                                       | 447.30                                                |
| 21            | Punjab            | Rupnagar        | ITI Roopnagar         | 500.00                               | 350.00             |                            |                            |                           | 350.00                                       | 173.00                                                |
| 22            | Puducherry        | Puducherry      | ITI Men, Mettupayalam | 390.00                               | 273.00             |                            |                            | 98.00                     | 273.00                                       | 273.00                                                |
| 23            | Rajasthan         | Udaipur         | ITI Udaipur           | 450.00                               | 315.00             |                            |                            |                           | 315.00                                       | 315.00                                                |
| 24            | Sikkim            | Namchi          | ITI Namchi            | 500.00                               | 450.00             | 45.00                      |                            |                           | 450.00                                       | 450.00                                                |
| 25            | Tamil Nadu        | Coimbatore      | ITI Coimbatore        | 900.00                               | 630.00             |                            |                            | 49.50                     | 399.50                                       | 399.47                                                |
| 26            | Tripura           | West Tripura    | ITI Indranagar (W)    | 720.00                               | 648.00             |                            |                            |                           | 553.25                                       | 553.25                                                |
| 27            | Telangana         | Hyderabad       | ITI Mallepally        | 900.00                               | 630.00             |                            |                            |                           | 350.00                                       | 228.00                                                |

| (Rs. in Lakh) |               |                   |                         |                                      |                    |                            |                            |                           |                                              |                                                       |
|---------------|---------------|-------------------|-------------------------|--------------------------------------|--------------------|----------------------------|----------------------------|---------------------------|----------------------------------------------|-------------------------------------------------------|
| Sl. No.       | States / UTs  | District          | Location of the ITI     | Approved allocation under the scheme | Central Allocation | Fund Release d in FY 21-22 | Fund release d in FY 22-23 | Fund released in FY 23-24 | Total Central funds released upto 31.03.2024 | UC received including unspent balance returned to CFI |
| 28            | Uttar Pradesh | Meerut            | ITI Meerut              | 900.00                               | 630.00             |                            |                            |                           | 630.00                                       | 630.00                                                |
| 29            |               | Varanasi          | ITI Varanasi            | 810.00                               | 567.00             |                            |                            |                           | 567.00                                       | 567.00                                                |
| 30            |               | Ayodhya           | ITI Ayodhya             | 900.00                               | 630.00             | 350.00                     |                            | 250.00                    | 600.00                                       | 600.00                                                |
| 31            |               | Chandauli         | ITI Chandauli           | 900.00                               | 630.00             | 292.40                     | 57.60                      | 250.00                    | 600.00                                       | 600.00                                                |
| 32            |               | Basti             | ITI Basti               | 900.00                               | 630.00             |                            | 350.00                     | 250.00                    | 600.00                                       | 600.00                                                |
| 33            |               | Siddharthnagar    | ITI Siddharthnagar      | 810.00                               | 567.00             |                            | 315.00                     | 250.00                    | 565.00                                       | 565.00                                                |
| 34            | Uttarakhand   | Haridwar          | ITI Jagjitpur, Haridwar | 675.00                               | 472.50             |                            |                            |                           | 262.50                                       | 262.50                                                |
| 35            | West Bengal   | Paschim Bardhaman | ITI Durgapur            | 900.00                               | 630.00             |                            | 87.50                      |                           | 437.50                                       | 437.50                                                |
|               | Total         |                   |                         | 23221.51                             | 16728.36           | 1414.75                    | 1160.10                    | 1260.50                   | 13921.48                                     | 13252.44                                              |

**ANNEXURE REFERRED TO IN REPLY TO PART (D) & (E) OF LOK SABHA UNSTARRED QUESTION NO.114 ANSWERED ON 20.07.2026**

**A. 21 New CTS Courses:**

| Sl. No. | Trade Name                                    |
|---------|-----------------------------------------------|
| 1.      | 5G Network Technician                         |
| 2.      | Artificial Intelligence Programming Assistant |
| 3.      | Basohli Painting Artist                       |
| 4.      | Carpet Weaving Artisan- Handloom              |
| 5.      | Computer Aided Manufacturing (CAM) Programmer |
| 6.      | Cyber Security Technician                     |
| 7.      | Data Annotation Assistant                     |
| 8.      | Food Processing Equipment Technician          |
| 9.      | Green Hydrogen Production Technician          |
| 10.     | Hand Embroidery Artisan                       |
| 11.     | Honey Processing Technician                   |
| 12.     | Industrial IoT Technician                     |
| 13.     | Nuclear Power Plant Technician                |
| 14.     | Nursery & Orchard Technician                  |
| 15.     | Paper Mache Artisan                           |
| 16.     | Semiconductor Technician                      |
| 17.     | Shawl Weaving Artisan                         |
| 18.     | Small Hydro Power Plant Technician            |
| 19.     | Traditional Phulkari Artisan                  |
| 20.     | Wind Plant Technician                         |
| 21.     | Wood Carving Artisan                          |

**B. 15 new Short-Term Courses:**

| Sl. No. | Trade Name                                                 |
|---------|------------------------------------------------------------|
| 1       | Basics of Cybersecurity                                    |
| 2       | Basics of Generative Artificial Intelligence (AI)          |
| 3       | Basics of IT Skills                                        |
| 4       | Introduction to Artificial Intelligence (AI)               |
| 5       | Fundamentals of Computer Aided Manufacturing (CAM)         |
| 6       | Fundamentals of CNC Programming and Operation              |
| 7       | Basics of Repair and Maintenance of Metal Cutting Machines |
| 8       | Fundamentals of Heating Ventilation and Air Conditioning   |
| 9       | Introduction to Industry 4.0                               |
| 10      | Fundamentals of IoT Application and Maintenance            |
| 11      | Fundamentals of Semiconductor Technology                   |
| 12      | Railway Signaling                                          |
| 13      | Railway Track Maintenance                                  |
| 14      | Welding (GMAW and GTAW)                                    |
| 15      | Railway Electrical – TRD (Traction Distribution)           |

**C. 17 new Flexi-MoU Courses:**

| Sl. No. | Trade Name                                          |
|---------|-----------------------------------------------------|
| 1.      | Amanat Cum Surveyor                                 |
| 2.      | Assembly Technician (Automotive)                    |
| 3.      | Automotive Air-conditioner Manufacturing Technician |
| 4.      | Automotive Logistics Technician                     |
| 5.      | Automotive Paint Technician                         |

|     |                                                |
|-----|------------------------------------------------|
| 6.  | Automotive Quality Inspection Technician       |
| 7.  | Automotive Weld Technician                     |
| 8.  | Barefoot Technician                            |
| 9.  | Fintech Sales Executive                        |
| 10. | Industrial Automotive Manufacturing Technician |
| 11. | Industrial Fitter                              |
| 12. | Industry Integrated Electrician                |
| 13. | Mechatronics Technician                        |
| 14. | Mine Surveyor                                  |
| 15. | Smart Manufacturing Operator (Electronics)     |
| 16. | Vehicle Technician                             |
| 17. | Web Developer                                  |

**D. 1 new CITS Course:**

| <b>Sl. No.</b> | <b>Trade Name</b>                           |
|----------------|---------------------------------------------|
| 1.             | Aeronautical Structure and Equipment Fitter |

**ANNEXURE REFERRED TO IN REPLY TO PART (D) & (E) OF LOK SABHA UNSTARRED QUESTION NO.114 ANSWERED ON 20.07.2026**

**List of 32 New Age Trades running in ITIs:**

| S. No. | Trade Name                                                                                        |
|--------|---------------------------------------------------------------------------------------------------|
| 1      | Additive Manufacturing (3D Printing) Technician                                                   |
| 2      | Aeronautical Structure and Equipment Fitter                                                       |
| 3      | Artificial Intelligence Programming Assistant                                                     |
| 4      | Advanced CNC Machining Technician                                                                 |
| 5      | Computer Aided Manufacturing (CAM) Programmer                                                     |
| 6      | Cyber Security Assistant                                                                          |
| 7      | Data Annotation Assistant                                                                         |
| 8      | Drone Pilot (Junior)                                                                              |
| 9      | Drone Technician                                                                                  |
| 10     | Engineering Design Technician (Artisan Using Advanced Tool)                                       |
| 11     | Fiber to Home Technician                                                                          |
| 12     | Geo Informatics Assistant                                                                         |
| 13     | Green Hydrogen Production Technician                                                              |
| 14     | Industrial Internet of Things (IIoT) Technician                                                   |
| 15     | Industrial Robotics and Digital Manufacturing                                                     |
| 16     | Information Technology                                                                            |
| 17     | Internet of Things Technician (Smart Agriculture)                                                 |
| 18     | Internet of Things Technician (Smart City)                                                        |
| 19     | Internet of Things Technician (Smart Healthcare)                                                  |
| 20     | Manufacturing Process Control & Automation                                                        |
| 21     | Mechanic Electric Vehicle                                                                         |
| 22     | Multimedia, Animation & Special Effects                                                           |
| 23     | Semiconductor Technician                                                                          |
| 24     | Small Hydro Power Plant Technician                                                                |
| 25     | Smartphone Technician Cum App Tester                                                              |
| 26     | Software Testing Assistant                                                                        |
| 27     | Solar Technician (Electrical)                                                                     |
| 28     | Technician Mechatronics                                                                           |
| 29     | Virtual Analysis and Designer – FEM (Finite Element Method) (Basic Designer and Virtual Verifier) |
| 30     | Wind Plant Technician                                                                             |
| 31     | 5G Network Technician                                                                             |
| 32     | Nuclear Power Plant Technician                                                                    |

\*\*\*\*\*