GOVERNMENT OF INDIA
MINISTRY OF SKILL DEVELOPMENT AND ENTREPRENEURSHIP
RAJYA SABHA
UNSTARRED QUESTION NO. 1403
ANSWERED ON 11.02.2026

CRAFTSMEN TRAINING SCHEME

1403.   SHRI S. SELVAGANABATHY:

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

(a)   the number of Industrial Training Institutes (ITIs) and National Skill Training Institutes (NSTIs) presently offering training under the scheme, along with total number of trades and trainees enrolled during the current year;

(b)   the measures taken by Government to modernize training infrastructure, update curricula and align courses with contemporary industry requirements and technologies such as AI, IoT, Renewable Energy and 3D Printing; and

(c)   whether any outcome has been achieved so far under scheme in terms of trade certification, employability of trainees and contribution towards the creation of a skilled workforce?

ANSWER

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

(SHRI JAYANT CHAUDHARY)

(a)   The Directorate General of Training (DGT), under the Ministry of Skill Development and Entrepreneurship (MSDE), implements the Craftsmen Training Scheme (CTS) through a network of Industrial Training Institutes (ITIs) and National Skill Training Institutes (NSTIs) for skilling the youth of the country. At present, training under CTS is offered in 169 trades through 14,688 ITIs (Government – 3,345 and Private – 11,343) and 32 NSTIs. In the current academic session, i.e., 2025–26, 14.70 lakh trainees have been enrolled under CTS in ITIs and NSTIs.

(b)   The course curriculum under CTS is updated periodically in consultation with industry, academia, and State/UT Governments to integrate emerging technologies, modern tools, equipment, and machinery, ensuring that training remains aligned with current skill requirements of Industries.

Out of 169 trades under CTS, 31 New Age trades have been introduced covering areas such as Artificial Intelligence (AI), Internet of Things (IoT), renewable energy and 3D printing. List of these 31 New Age trades is available at ***Annexure-1***.

In addition, The Cabinet has approved PM SETU (Pradhan Mantri Skilling and Employability Transformation through Upgraded ITIs) at an estimated cost of ₹60,000 crore (Central Share: ₹30,000 crore, State Share: ₹20,000 crore and Industry Share: ₹10,000 crore) for upgradation of 1,000 ITIs through hub-and-spoke arrangements in collaboration with State Governments and industry. Under the scheme, course content and design are proposed to be aligned with industry skill needs and new courses are proposed to be introduced in emerging areas, through the industry-led Special Purpose Vehicles (SPVs) under the Scheme.

(c)   The training courses under CTS are designed to impart basic skills and knowledge in the respective trades so as to prepare trainees for wage employment including self-employment. Upon completion of training, trainees are assessed through the All India Trade Test conducted by DGT, and successful candidates are awarded National Trade Certificates. Since the 2014–15 session, around 97.36 lakh candidates have been certified across various trades.

ANNEXURE REFERRED TO IN REPLY TO PART (B) OF RAJYA SABHA UNSTARRED QUESTION NUMBER 1403 ANSWERED ON 11.02.2026.

List of New Age trades under CTS

S. No.	Name of course	Duration	NSQF* Level
1.	5G Network Technician	One year	4.5
2.	Additive Manufacturing (3D Printing) Technician	Two Year	3.5
3.	Aeronautical Structure and Equipment Fitter	Two Year	4
4.	Artificial Intelligence Programming Assistant	One year	3.5
5.	CNC machining Technician	Two Year	4
6.	Computer Aided Manufacturing (CAM) Programmer	One year	3.5
7.	Cyber Security Assistant	One year	3.5
8.	Data Annotation Assistant	One year	3.5
9.	Drone Pilot (Junior)	Six Month	3
10.	Drone Technician	Six Months	3
11.	Engineering Design Technician	One year	3.5
12.	Fiber to Home Technician	Six months	3
13.	Geo Informatics Assistant	One year	3.5
14.	Green Hydrogen Production Technician	One Year	3.5
15.	Industrial Internet of Things (IIoT) Technician	Two Years	4.0
16.	Industrial Robotics and Digital Manufacturing	One year	3.5
17.	Information Technology	Two Year	4
18.	Internet of Things Technician (Smart Agriculture)	One year	3.5
19.	Internet of Things Technician (Smart City)	One year	3.5
20.	Internet of Things Technician (Smart Healthcare)	One year	3.5
21.	Manufacturing Process Control & Automation	One year	3.5
22.	Mechanic Electric Vehicle	Two Year	4
23.	Multimedia, Animation & Special Effects	One year	3.5
24.	Semiconductor Technician	One Year	4.5
25.	Small Hydro Power Plant Technician	Two Year	4
26.	Smartphone Technician Cum App Tester	6 Months	3.5
27.	Software Testing Assistant	One year	4.5
28.	Solar Technician (Electrical)	One year	3.5
29.	Technician Mechatronics	Two Year	4
30.	Virtual Analysis and Designer - FEM (Finite Element Method)	Two Year	4
31.	Wind Plant Technician	Two Year	4

*NSQF - National Skill Qualification Framework

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