

GOVERNMENT OF INDIA
MINISTRY OF SKILL DEVELOPMENT AND ENTREPRENEURSHIP
LOK SABHA
UNSTARRED QUESTION NO. 6
ANSWERED ON 01.12.2025

UPGRADATION OF ITIs AND NSTIs

- †6. Shri Nalin Soren:
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Shri Chavda Vinod Lakhamshi:
Shri Rahul Singh Lodhi:
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Shri Lavu Sri Krishna Devarayalu:
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Shri P. C. Mohan:
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Shri NabaCharan Majhi:
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Shri Kali Charan Singh:
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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) imparting training under the scheme, along with the total number of trades and trainees enrolled during the last three years and the current year, State/UT-wise including Pali Lok Sabha Constituency, Bengaluru, Palghar district and district-wise in Bihar;
- (b) the details of the measures taken by the Government to modernize training infrastructure, curricula updation and align the ITI/NSTI courses with contemporary industry requirements including Artificial Intelligence (AI), Internet of Things (IoT), Renewable Energy and 3D Printing;
- (c) whether the Government has any partnership with Autodesk Inc. for modernisation of curricula of ITIs and NSTIs and capacity building/upskilling/enhancement of practical training of trainers in emerging technologies and if so, the details thereof;

(d) the outcomes achieved under the said initiatives in terms of enhancing employability, creating skilled manpower and improving certification for trainees, fostering innovation and bringing India's technical training system in line with global industrial standards to meet the demands of the domestic and international labour market so far, State/UT-wise including Rajasthan; and

(e) whether the Government has any future plans to increase the number of ITIs/NSTIs in Jharkhand and adjoining States and if so, the details thereof?

ANSWER

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

(SHRI JAYANT CHAUDHARY)

(a) 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 Craft Instructor Training Scheme (CITS) is offered through National Skill Training Institutes (NSTIs) & Institutes for Training of Trainers (IToTs) for skilling the youth of the country.

At present, there are, 14,682 ITIs established in the country, out of which, 3,345 are Government and 11,337 are Private ITIs imparting CTS training in 169 trades. State-wise enrolment in ITIs under CTS for academic session 2022-23 to 2025-26 is given in *Annexure I*.

There are 33 National Skill Training Institutes (NSTIs) (14 General & 19 Women) & 120 Institutes for Training of Trainers (IToTs) (109 State Govt & 11 Private) imparting CITS in 55 trades across the country. Number of trainees enrolled under the CITS during last 3 years and the current year under the State/UT wise including Bihar is attached at *Annexure II*.

The enrolment in ITIs during the sessions 2022–23 to 2025–26 in the Pali Lok Sabha Constituency (Rajasthan), Bengaluru District (Karnataka), and Palghar District (Maharashtra) is 3,983, 11,210, and 8,420, respectively.

District-wise enrolment in ITIs in the Bihar State under CTS from academic session 2022-23 to 2025-26 is given in *Annexure III*.

(b) The DGT has developed 169 NSQF-compliant trades, including 31 new-age/Future Skills courses in area of such as Artificial Intelligence (AI), Internet of Things (IoT), renewable energy and 3D printing etc. for skilling and upskilling of youth of the country. These courses are delivered through a nationwide network of Industrial Training Institutes (ITIs) and National Skill Training Institutes (NSTIs). A list of new-age/Future Skills trades under Craftsmen Training Scheme (CTS) is placed at *Annexure IV*.

The CTS curriculum is regularly updated 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 and future skill requirements.

(c) The DGT has entered into a collaboration with Autodesk India Pvt. Ltd. for strengthening digital design capabilities across ITIs and NSTIs. The partnership supports curriculum

improvement in relevant sectors along with enhancement of instructional capacity through faculty development programmes and short-term training initiatives for students. It provides access to Autodesk software tools, online learning modules and project-based learning content to promote adoption of modern digital workflows relevant to sectors such as manufacturing, designing, architectural engineering and related area. The initiative is aimed at improving employability, creating a skilled manpower pool and encouraging innovation by strengthening practical and application-oriented learning.

(d) The initiatives undertaken by DGT towards curriculum modernization, digital enablement and strengthening of training infrastructure have contributed to improved training delivery, enhanced exposure to emerging technologies, and wider adoption of industry-aligned practices in ITIs and NSTIs. These efforts have supported improved employability prospects, strengthened instructor capabilities and facilitated the availability of a skilled workforce in key sectors. The State/UT-wise details of enrolment including Rajasthan are placed at the relevant Annexures referred to in part (a) of the reply.

Specific attribution of outcomes to individual initiatives is a continuous process, as training results depend on multiple factors including local industry demand, placement facilitation and State-level implementation.

(e) At present, two NSTIs are functioning in Jharkhand. The details are given below:

S. no.	Institute Name
1	National Skill Training Institute, Jamshedpur
2	National Skill Training Institute Extension Centre (Women), Ranchi

Establishment of new ITIs falls primarily within the purview of the respective State Governments, based on local needs and priorities. The Government of India supports States in strengthening training infrastructure through various schemes from time to time, subject to prescribed norms and guidelines.

ANNEXURE REFERRED TO IN REPLY TO PARA (a) OF LOK SABHA UNSTARRED QUESTION No. 6 DUE FOR REPLY ON 01.12.2025

Table 1: State-wise enrolment in ITIs under CTS from academic session 2022-23 to 2025-26

S. No.	State	Enrolment in last three years 2022-23 to 2024-25	Enrolled 2025-26**
1	Andaman And Nicobar Islands	1,769	654
2	Andhra Pradesh	1,51,125	54,213
3	Arunachal Pradesh	2,076	697
4	Assam	13,129	5,706
5	Bihar	3,32,748	1,16,118
6	Chandigarh	2,888	1,175
7	Chhattisgarh	67,279	23,927
8	Delhi	28,916	10,147
9	Goa	6,542	2,404
10	Gujarat	2,61,913	90,788
11	Haryana	1,51,570	53,349
12	Himachal Pradesh	64,863	16,973
13	Jammu and Kashmir	24,860	10,042
14	Jharkhand	1,15,943	48,194
15	Karnataka	2,16,239	70,548
16	Kerala	98,382	30,132
17	Ladakh	1,069	421
18	Lakshadweep	1,004	19
19	Madhya Pradesh	2,11,727	79,737
20	Maharashtra	3,65,780	1,30,774
21	Manipur	2,201	877
22	Meghalaya	2,444	1,000
23	Mizoram	990	328
24	Nagaland	886	324
25	Odisha	1,74,581	61,254
26	Puducherry	2,228	703
27	Punjab	1,24,353	44,040
28	Rajasthan	2,99,809	87,993
29	Sikkim	1,089	431
30	Tamil Nadu	1,11,671	39,090
31	Telangana	89,642	40,323
32	The Dadra and Nagar Haveli and Diu	2,396	842
33	Tripura	7,162	2,714
34	Uttar Pradesh	9,19,174	3,84,615
35	Uttarakhand	30,967	11,502
36	West Bengal	1,22,138	41,958
Grand Total		40,11,553	14,64,012

** The transfer of admission data for the 2025–26 session from the State admission portals to the SIDH portal is underway, and the same is subject to change.

ANNEXURE REFERRED TO IN REPLY TO PARA (a) OF LOK SABHA UNSTARRED QUESTION No. 6 DUE FOR REPLY ON 01.12.2025

Table 2: State/UT wise number of trainees enrolled under the CITS during last 3 years and the current year

S. No.	State	Enrolment in CITS in last three years Session 2022-23 to 2024-25	Enrolment in CITS in current year Session 2025-26
1	Andhra Pradesh	57	69
2	Bihar	197	47
3	Chhattisgarh	327	129
4	Goa	75	34
5	Gujarat	461	209
6	Haryana	3277	1476
7	Himachal Pradesh	861	271
8	Jammu & Kashmir	329	177
9	Jharkhand	149	74
10	Karnataka	799	289
11	Kerala	254	155
12	Madhya Pradesh	726	418
13	Maharashtra	1643	539
14	Meghalaya	66	82
15	Odisha	752	303
16	Punjab	3919	1993
17	Rajasthan	5492	2001
18	Tamil Nadu	1230	429
19	Telangana	1283	548
20	Tripura	143	67
21	Uttar Pradesh	6289	3063
22	Uttarakhand	1541	605
23	West Bengal	1813	653
Grand Total		31683	13631

ANNEXURE REFERRED TO IN REPLY TO PARA (a) OF LOK SABHA UNSTARRED QUESTION No. 6 DUE FOR REPLY ON 01.12.2025

Table 3: District-wise Enrolment in ITIs in the Bihar State under CTS from academic session 2022-23 to 2025-26

Sr.no	District	Enrolment in last three years 2022-23 to 2024-25	Enrollment 2025-26**
1	Araria	1,438	520
2	Arwal	4,902	1,670
3	Aurangabad	14,084	4,905
4	Banka	3,631	1,269
5	Begusarai	8,880	3,177
6	Bhagalpur	12,311	4,549
7	Bhojpur	13,121	4,783
8	Buxar	5,632	2,116
9	Darbhanga	5,283	1,925
10	Gaya	22,705	7,816
11	Gopalganj	6,031	1,760
12	Jamui	6,652	2,236
13	Jehanabad	7,015	2,470
14	Kaimur (Bhabua)	3,072	1,047
15	Katihar	4,299	1,342
16	Khagaria	2,876	1,071
17	Kishanganj	758	294
18	Lakhisarai	2,017	747
19	Madhepura	2,165	782
20	Madhubani	5,593	1,633
21	Munger	10,455	3,484
22	Muzaffarpur	13,272	4,937
23	Nalanda	22,886	7,601
24	Nawada	9,127	3,145
25	Pashchim Champaran	6,069	2,129
26	Patna	46,225	15,861
27	Purba Champaran	9,666	3,634
28	Purnia	3,008	1,107
29	Rohtas	18,866	6,830
30	Saharsa	2,023	711
31	Samastipur	10,410	3,635
32	Saran	15,526	5,798
33	Sheikhpura	3,208	1,008
34	Sheohar	983	338
35	Sitamarhi	5,616	1,992
36	Siwan	7,378	2,483
37	Supaul	2,793	913
38	Vaishali	12,772	4,400
Grand Total		3,32,748	1,16,118

** The transfer of admission data for the 2025–26 session from the State admission portals to the SIDH portal is underway, and the same is subject to change.

ANNEXURE REFERRED TO IN REPLY TO PARA (b) OF LOK SABHA UNSTARRED QUESTION No. 6 DUE FOR REPLY ON 01.12.2025

Table 4: List of New Age / Future Skills Courses Under CTS

Sr.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
