

**GOVERNMENT OF INDIA
MINISTRY OF SKILL DEVELOPMENT AND ENTREPRENEURSHIP**

LOK SABHA

**UNSTARRED QUESTION NO. 1508
TO BE ANSWERED ON 05.03.2018**

LIST OF ITI COURSES

**1508. SHRI PR. SENTHIL NATHAN:
SHRI K.N. RAMACHANDRAN:
SHRI KIRTI AZAD:**

**SHRI RAMESH CHANDER KAUSHIK:
SHRI BHARATHI MOHAN R.K:**

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

- (a) the details of ITI courses proposed and conducted during the last three years by various ITIs in both Centre and State Governments, Private institutes to produce skilled workers to suite the Industry needs;
- (b) whether the Government has given any approval for any such new courses to make ITIs job oriented and to suite the industry needs and if so, the details thereof;
- (c) whether the Government has assessed the impact of industrial and vocational training given through various Industrial Training Institutes and Vocational Training Institutes in the country;
- (d). if so, the details thereof and the list of courses conducted and persons trained annually in the last three years, year-wise and State-wise; and
- (e). whether the Government has accorded approval to such innovating and job-oriented courses so that industrial training institutes could be made job-oriented and they could meet industrial requirement and if so, the details thereof?

ANSWER

**MINISTER IN THE MINISTRY OF
SKILL DEVELOPMENT AND ENTREPRENEURSHIP
(SHRI DHARMENDRA PRADHAN)**

- (a) Vocational training is being imparted in 128 Trades (74 Engineering, 49 Non-Engineering & 5 for Divyangs) under Craftsmen Training Scheme (CTS) in ITIs across the Country since last three year and current year to produce skilled workers to suite the Industry needs.
- (b) Government has given approval for 16 new courses under Dual System of Training (DST) to make ITIs job oriented and to suite the industry needs. The list of such courses is at **Annexure-I**.

Contd.2/-

Apart from above , in the year 2014, a total of 21 new trades have been included under CTS in consultation with industry experts, academia etc. and a new trade titled 'Soil Testing and Crop Technician' has also been included in the year 2017.

(c) & (d). The Directorate General of Training (DGT) under Ministry of Skill Development & Entrepreneurship (MSDE) is implementing a scheme titled "Up gradation of 400 ITIs" under the World Bank assisted Vocational Training Improvement Project (VTIP). Under this scheme, a study was conducted in the year 2015 by an external agency to assess labour market performance of the ITI sector covering 12,000 pass-outs from 500 ITIs spread across 21 States. The Study reveals that 63.5% pass-out trainees from Industrial Training Institutes (ITIs) find employment. Details of the 128 trades and trainees admitted, annually during the last three years are at **annexure-II and III** respectively.

(e). Government has given approval for following new innovative schemes to make training in ITIs job oriented:

(i). Introduction of two year Advanced Technical Diploma in collaboration with IBM, for ITI pass outs in Central Institutes under DGT in the field of 'IT, Networking and Cloud Computing'.

(ii). The World Bank assisted project Skills Strengthening for Industrial Value Enhancement (STRIVE): The project envisages curriculum development in emerging areas and would encourage ITIs covered under the project to introduce new job oriented courses to respond to the Industrial needs.

(iii). 'Dual System of Training' (DST) in ITIs from August, 2016 with objective to improve job placements. This system enables industries to partner with Government & Private ITIs for conducting training programmes under high employability courses to fulfill the needs of industries.

**STATEMENT REFERRED TO IN REPLY TO PART (b) OF LOK SABHA UNSTARRED
QUESTION NUMBER 1508 TO BE ANSWERED ON 05.03.2018**

The Dual System of Training is currently available in the following 16 trades:

- i. Electrician
- ii. Fitter
- iii. Machinist
- iv. Turner
- v. Electronics Mechanic
- vi. Welder
- vii. Mechanic Diesel
- viii. Mechanic (Motor Vehicle)
- ix. Cosmetology
- x. Tool & Die Maker (Dies & Moulds)
- xi. Draughtsman (Mechanical)
- xii. Attendant Operator (Chemical Plant)
- xiii. Mechanic Refrigeration and Air-conditioning
- xiv. Plumber
- xv. Automotive Body Repair
- xvi. Automotive Paint Repair

**STATEMENT REFERRED TO IN REPLY TO PART (c & d) OF LOK SABHA UNSTARRED
QUESTION NUMBER 1508 TO BE ANSWERED ON 05.03.2018**

Annexure –II

List of 128 trades (Engineering and Non- Engineering) under Craftsmen Training Scheme

S.No.	Name of the Trade	Duration
1	2	3
	Engineering Trades	
1.	Architectural Assistant	2 Semesters
2.	Attendant Operator (Chemical Plant)	4 Semesters
3.	Carpenter	2 Semesters
4.	Draughtsman (Civil)	4 Semesters
5.	Draughtsman (Mechanical)	4 Semesters
6.	Domestic Painter	2 Semesters
7.	Electrician	4 Semesters
8.	Electronic Mechanic	4 Semesters
9.	Electroplater	4 Semesters
10.	Fitter	4 Semesters
11.	Foundry man Technician	2 Semesters
12.	Gold Smith	2 Semesters
13.	Information Communication Technology System Maintenance	4 Semesters
14.	Industrial Painter	2 Semesters
15.	Instrument Mechanic	4 Semesters
16.	Instrument Mechanic (Chemical Plant)	4 Semesters
17.	Interior Decoration and Designing	2 Semesters
18.	Laboratory Assistant (Chemical Plant)	4 Semesters
19.	Lift and Escalator Mechanic	4 Semesters
20.	Machinist	4 Semesters
21.	Machinist (Grinder)	4 Semesters
22.	Maintenance Mechanic (Chemical Plant)	4 Semesters
23.	Marine Engine Fitter	2 Semesters
24.	Marine Fitter	4 Semesters
25.	Mason (Building Constructor)	2 Semesters
26.	Mechanic Diesel	2 Semesters
27.	Mechanic Mining Machinery	4 Semesters
28.	Mechanic Motor Vehicle	4 Semesters
29.	Mechanic (Refrigeration and Air-Conditioner)	4 Semesters
30.	Mechanic (Tractor)	2 Semesters
31.	Mechanic Agricultural Machinery	4 Semesters
32.	Mechanic Auto Electrical and Electronics	2 Semester
33.	Mechanic Lens/Prism Grinding	2 Semesters
34.	Mechanic Motor Cycle	2 Semester

35.	Mechanic Machine Tools Maintenance	4 Semesters
36.	Mechanic Mechatronics	4 Semesters
37.	Mechanic Medical Electronics	4 Semesters
38.	Operator Advanced Machine Tools	4 Semesters
39.	Painter General	4 Semesters
40.	Physiotherapy Technician	2 Semesters
41.	Plastic Processing Operator	2 Semesters
42.	Plumber	2 Semesters
43.	Pump Operator-cum-Mechanic	2 Semesters
44.	Radiology Technician	4 Semesters
45.	Rubber Technician	2 Semesters
46.	Sheet Metal Worker	2 Semesters
47.	Spinning Technician	4 Semesters
48.	Stone Processing Machines Operator	2 Semesters
49.	Stone Mining Machine Operator	2 Semesters
50.	Surveyor	2 Semesters
51.	Textile Mechatronics	4 Semesters
52.	Textile Wet Processing Technician	4 Semesters
53.	Tool & Die Maker (Dies & Moulds)	4 Semesters
54.	Tool & Die Maker (Press Tools, Jigs & Fixtures)	4 Semesters
55.	Turner	4 Semesters
56.	Vessel Navigator	4 Semesters
57.	Welder	2 Semesters
58.	Weaving Technician	4 Semesters
59.	Wireman	4 Semesters
60.	Mechanic Auto Body Repair	One year (Two semesters)
61.	Mechanic Auto Body Painting	One year (Two semesters)
62.	Mechanic Air-conditioning Plant	4 Semesters
63.	Civil Engineer Assistant	4 Semesters
64.	Technician Power Electronic System	4 Semesters
65.	Mechanic Consumer Electronics Appliances	4 Semesters
66.	Welder (GMAW & GTAW)	2 Semesters
67.	Welder (Fabrication & Fitting)	2 Semesters
68.	Welder (Structural)	2 Semesters
69.	Welder (Pipe)	2 Semesters
70.	Welder (Welding & Inspection)	2 Semesters
71.	Information Technology	4 Semesters
72.	Computer Hardware & Network Maintenance	2 Semesters
73.	Refractory Technician	4 Semesters
74.	Architectural Draughtsman	2 Semesters
	Non- Engineering Trades	
1.	Baker and Confectioner	2 Semesters
2.	Computer Operator and Programming Assistant	2 Semesters
3.	Food Production (General)	2 Semesters
4.	Sewing Technology	2 Semesters
5.	Computer Aided Embroidery And Designing	2 Semesters
6.	Dairying	2 Semesters
7.	Dental Laboratory Technician	4 Semesters

8.	Desk Top Publishing Operator	2 Semesters
9.	Digital Photographer	2 Semesters
10.	Dress Making	2 Semesters
11.	Surface Ornamentation Techniques (Embroidery)	2 Semesters
12.	Fashion Design Technology	2 Semesters
13.	Floriculture & Landscaping	2 Semesters
14.	Front Office Assistant	2 Semester
15.	Basic Cosmetology	2 Semesters
16.	Health Sanitary Inspector	2 Semesters
17.	Horticulture	2 Semesters
18.	Hospital House Keeping	2 Semesters
19.	Leather Goods Maker	2 Semesters
20.	Footwear Maker	2 Semesters
21.	Old Age Care	2 Semester
22.	Photographer	2 Semesters
23.	Pre/Preparatory School Management (Assistant)	2 Semester
24.	Fruit and Vegetable Processor	2 Semesters
25.	Process Cameraman	2 Semesters
26.	Secretarial Practice (English)	2 Semesters
27.	Stenographer & Secretarial Assistant (English)	2 Semesters
28.	Spa Therapy	2 Semesters
29.	Stenographer & Secretarial Assistant (Hindi)	2 Semesters
30.	Food & Beverages Guest Services Assistant	2 Semesters
31.	Weaving Technician for Skill & Woolen Fabrics	2 Semesters
32.	Catering & Hospitality Assistant	2 Semesters
33.	Travel & Tour Assistant	2 Semesters
34.	Multimedia Animation & Special Effect	2 Semesters
35.	Health, Safety and Environment	2 Semesters
36.	Fire Technology and Industrial Safety Management	2 Semesters
37.	Human Resource Executive	2 Semesters
38.	Marketing Executive	2 Semesters
39.	Finance Executive	2 Semesters
40.	Tourist Guide	2 Semesters
41.	Bamboo Works	2 Semesters
42.	Milk & Milk Products	2 Semesters
43.	Agro Processing	2 Semesters
44.	Food Beverage	2 Semesters
45.	Data Base System Assistant	2 Semesters
46.	Software Testing Assistant	2 Semesters
47.	House Keeper	2 Semesters
48.	Driver Cum Mechanic (Light Motor Vehicle)	6 Months(1 Semester)* Trade is in dormant mode
49	Soil Testing and Crop Technician	2 Semesters
	Trades for Divyangs	
1	Metal Cutting Attendant (for Visually Impaired Persons)	4Semesters
2	Computer Operator & Programming Assistant	2 Semesters
3	Desktop Publishing Operator	2 Semesters
4	Cutting & Sewing	2 Semesters
5	Hair & Skin Care	2 Semesters

Annexure -III

State wise details of trainees, admitted in ITIs across the country during year 2015, 2016 and 2017(Source: NCVT MIS portal)

Name of the State	Year 2015	Year 2016	Year 2017
A & Nicobar Islands	292	371	355
Andhra Pradesh	53,444	56,516	52,710
Arunachal Pradesh	411	611	598
Assam	3,054	2,673	2,696
Bihar	82,138	94,061	99,516
Chandigarh	1,029	937	1,070
Chhattisgarh	14,941	16,179	17,638
D & Nagar Haveli	112	113	111
Daman & Diu	222	206	223
Delhi	8,083	9,392	8,623
Goa	1,851	2,053	2,081
Gujarat	65,306	66,255	71,853
Haryana	45,885	44,322	44,161
Himachal Pradesh	17,212	21,707	20,700
J&K	2,545	2,653	2,721
Jharkhand	28,735	31,691	28,981
Karnataka	71,014	71,354	72,273
Kerala	28,699	29,714	29,624
Lakshadweep	90	93	87
Madhya Pradesh	61,576	63,871	56,803
Maharashtra	1,08,765	1,17,070	1,18,015
Manipur	94	79	122
Meghalaya	479	645	566
Mizoram	436	474	419
Nagaland	75	169	109
Odisha	49,199	49,145	48,398
Puducherry	965	978	1,038
Punjab	44,146	37,122	37,189
Rajasthan	1,32,555	1,22,384	1,35,209
Sikkim	219	282	339
Tamil Nadu	40,624	41,193	38,430
Telangana	34,132	36,546	32,672
Tripura	1,144	1,593	1,504
Uttar Pradesh	1,77,131	2,33,165	2,46,358
Uttarakhand	10,307	10,718	10,556
West Bengal	15,211	29,152	28,932
