

Pradhan Mantri Skilling And Employability Transformation Through Upgraded ITIs (PM-SETU)

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The Pradhan Mantri Skilling and Employability Transformation through Upgraded ITIs (PM-SETU) scheme envisages to enhance the overall quality and relevance of vocational training with upgraded labs, machines, and industry-aligned curriculum in the country.

The key objectives of the scheme are:

- i. To improve the quality of training delivery in Industrial Training Institutes (ITIs) and National Skill Training Institutes (NSTIs);
- ii. To modernize infrastructure and equipment as per industry standards;
- iii. To introduce industry-aligned long-term and short-term courses, especially in new and emerging sectors;
- iv. To strengthen industry linkage for demand-driven skilling and better employment outcomes; and
- v. To enhance the capacity of NSTIs for training of trainers.

The scheme comprises of two components:

- i. Component I – Upgradation of 1,000 Government ITIs (200 Hub ITIs and 800 Spoke ITIs) in a Hub and Spoke model wherein upgradation includes smart classrooms, modern labs, digital content, and new courses aligned to industry needs.
- ii. Component II – Capacity Augmentation of five NSTIs located in Bhubaneswar, Chennai, Hyderabad, Kanpur, and Ludhiana, including setting-up sector-specific National Centres of Excellence for skilling, with focus on advanced training of trainers with global partnership.

The selection of ITIs under PM-SETU scheme is led by the respective State/ Union Territory (UT) Governments in consultation with industry, ensuring alignment with emerging skill needs and local industrial potential.

Accordingly, States/ UTs are required to submit proposals for upgradation of identified ITI cluster in collaboration with industry partners. 34 States/UTs have constituted their State Steering Committee (SSC) led by Chief Secretary of the State/UT, an apex body at the State/UT level for guiding and overseeing the implementation of scheme.

23 States/UTs have floated their proposal for inviting the interest of industry. Details of Hub and Spoke ITIs identified till date by the State/UTs are given in **Annexure-I**. The National Steering Committee (NSC) has approved six (6) Strategic Investment Plans (SIPs) submitted by Anchor Industry Partners

(AIPs), comprising three from Telangana, one from Andhra Pradesh, one from Odisha and one from Gujarat. The details of the approved clusters, along with the names of the Anchor Industry Partners, are provided in **Annexure -II**.

The industry-led Special Purpose Vehicles (SPVs) under the Scheme would lead the upgradation and be empowered to propose necessary interventions relating to curriculum redesign, training delivery models, infrastructure upgradation, industry exposure, and placement or self-employment facilitation, in alignment with local industry needs and the Scheme guidelines. Further, Directorate General of Training (DGT) has introduced 32 new age courses under Craftsmen Training Scheme (CTS). Details of these courses are given in **Annexure III**.

Implementation of the scheme is being overseen by a National Steering Committee (NSC) comprising representatives of the Central Government, State Governments and industry partners, which provides overall policy guidance. In addition, State Steering Committees (SSCs) chaired by the Chief Secretary of the respective State/UT monitors progress at the State level. The scheme also provides for periodic monitoring, performance reviews, and third-party impact assessment to ensure effective implementation and achievement of intended outcomes.

To strengthen industry participation under PM-SETU, the Ministry of Skill Development and Entrepreneurship (MSDE) has carried out multiple workshops and regional consultations under the Chairpersonship of Hon'ble Minister of State (Independent Charge), Skill Development and Entrepreneurship, and Secretary, MSDE, in Aizawl, Bhopal, Chandigarh, Chennai, Hyderabad, Kanpur, Mumbai, Pune, etc., including one-to-one consultations with prospective Anchor Industry Partners (AIPs), industry associations, and leading industries. Additionally, ₹5.60 crore was disbursed to States and UTs for industry sensitization activities, including outreach programmes, workshops, and stakeholder consultations, to enable wider industry mobilization nationwide.

Annexure-I

The Hub and Spoke ITIs identified are listed below:

S.No	State/UTs	Number of ITI	Hubs	Spokes
1.	Andaman and Nicobar	3	1	2
2.	Andhra Pradesh	74	16	58
3.	Arunachal Pradesh	5	1	4
4.	Assam	34	6	28
5.	Bihar	75	15	60
6.	Chandigarh	2	1	1
7.	Chhattisgarh	30	6	24
8.	Daman and Diu and Dadra and Nagar Haveli	4	1	3

9.	Delhi	5	1	4
10.	Goa	5	1	4
11.	Gujarat	60	12	48
12.	Haryana	27	5	22
13.	Himachal Pradesh	5	1	4
14.	Jammu and Kashmir	10	2	8
15.	Jharkhand	35	7	28
16.	Karnataka	10	2	8
17.	Kerala	29	4	25
18.	Ladakh	2	1	1
19.	Lakshadweep	1	1	0
20.	Madhya Pradesh	101	20	81
21.	Maharashtra	15	3	12
22.	Manipur	5	1	4
23.	Meghalaya	10	2	8
24.	Mizoram	5	1	4
25.	Nagaland	5	1	4
26.	Odisha	10	2	8
27.	Puducherry	7	1	6
28.	Punjab	5	1	4
29.	Rajasthan	40	8	32
30.	Sikkim	4	1	3

31.	Tamil Nadu	30	6	24
32.	Telangana	65	13	52
33.	Tripura	10	2	8
34.	Uttar Pradesh	38	8	30
35.	Uttarakhand	5	1	4
36.	West Bengal	51	11	40
	Grand Total	822	166	656

Annexure-II

Details of Cluster approved by National Steering Committee

S. No.	State Name	Cluster Name	Hub ITI	Spoke ITIs
1	Andhra Pradesh	Visakhapatnam Cluster	Govt. ITI, Kancharapalem	Govt ITI(Women), Vishakhapatnam Govt ITI ,Bobbili, Govt. ITI,Narsipatanam
2	Odisha	Keonihar-Barbil Cluster	Govt. ITI,Barbil	Govt. ITI Anandapur, Govt. ITI Koira, Govt. ITI Karanjia, Govt. ITI Barkote
3	Gujarat	Surat Cluster	Govt. ITI, Surat	Govt. ITI ,Surat (Women), Govt. ITI ,Hajira, Govt. ITI ,Bardoli, Govt. ITI (Women), Sachin
4	Telangana	Old City Cluster	Govt. ITI, Old City	Govt. ITI Warangal, Govt. ITI(Boys), Nalgonda Govt. ITI Vikarabad, Govt. ITI Panjaguda

5	Telangana	Patancheru Cluster	Govt. ITI, Patancheru	Govt. ITI Nalgonda (New), Govt. ITI Marpally, Govt. ITI Bhongir, Govt. ITI Shadnagar
6	Telangana	Sangareddy Cluster	Govt. ITI, Sangareddy	Govt. ITI Hathnoora, Govt. ITI Medak, Govt. ITI Yellareddy, Govt. ITI Dubbaka

Annexure-III

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

This information was given by the Minister of State (Independent Charge), Ministry of Skill Development and Entrepreneurship (MSDE), Shri Jayant Chaudhary in a written reply in the Rajya Sabha today.

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