Government of India
Ministry of Skill Development and Entrepreneurship

Directorate General of Training (as on May 2024)

Introduction and roles of Directorate General of Training (DGT)

a) Directorate General of Training (DGT) is the apex organization for development and coordination at National level for long term skilling programs relating to vocational training including Women's Vocational Training.

b) DGT runs the Craftsmen Training Scheme (CTS) through a country wide network of about 15000 Industrial Training Institutes (ITIs). It ensures a steady stream of skilled workers in different trades for the industry.

c) The administrative and financial control of ITIs rests with the State/UT governments.

d) DGT is responsible for laying down standards and norms, curriculum development , grant of affiliation, assessment and certification.

e) In addition, DGT runs, from time to time Govt of India schemes for supporting state govts for strengthening the ITIs and the skilling infrastructure.

f) DGT also runs Craft Instructor Training Scheme (CITS) through a network of 33 National Skill Training Institutes (NSTIs). CITS trains instructor trainees in both technical skills and training methodology.

Schemes under Directorate General of Training (DGT)

Schemes for training

a) Craftsmen Training Scheme (CTS)
b) Crafts Instructor Training Scheme (CITS)
c) Dual System of Training (DST)
d) Flexi MoU Scheme

**Schemes for creation/improvement of training Infrastructure**

a) Skill Strengthening for Industrial Value Enhancement (STRIVE) – *ended on 31st May 2024*
b) Upgradation to Model ITIs – *ended on 31st March 2024*
c) Enhancing Skill Development Infrastructure in NE States & Sikkim (ESDI) - *ended on 31st March 2024*
d) Skill Development in 48 Districts affected by LWE- *ended on 31st March 2024*
e) Scheme for Polytechnics

Craftsmen Training Scheme (CTS)

- To ensure a steady flow of skilled workers in different trades for the domestic industry

- To raise quantitatively and qualitatively the industrial production by systematic training

- To reduce unemployment among the educated youth by providing employable skills

- To cultivate and nurture a technical and industrial attitude in the minds of younger generation

Administrative & Financial control of ITIs is with the State Governments/UT Administrations	
Number of ITIs	**15024 ITIs (Govt. 3,169 + Private 11,855)**
Number of Trades	Total 166 NSQF compliant trades
Duration	6 months to 2 year duration
Entry Criteria	8th pass to 12th pass, most trades require 10th
Age	14 years & above
Examination Pattern	• Annual exam system • 70% weightage to practical • 30% for Trade Theory, Workshop Calculation & Science, Engineering Drawing and Employability Skills

Enrolment trends under CTS
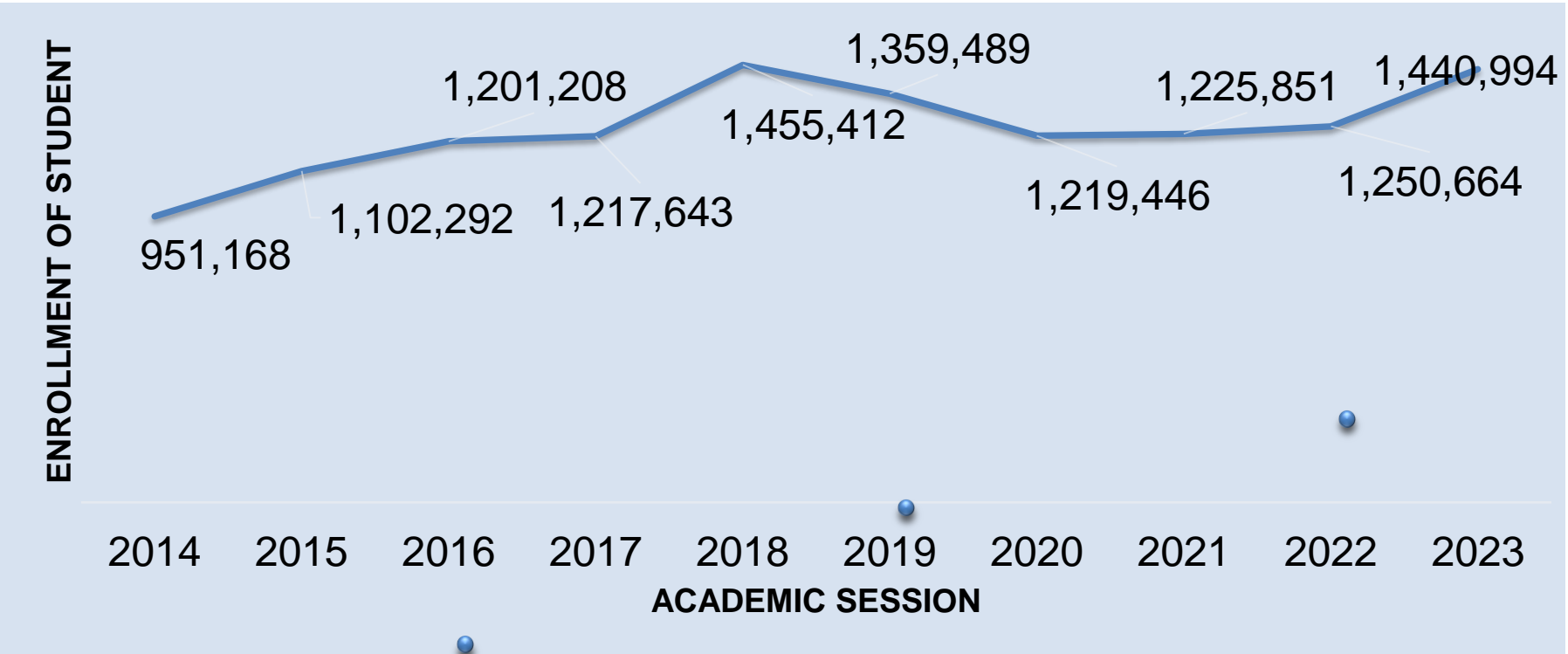
Growth of ITIs
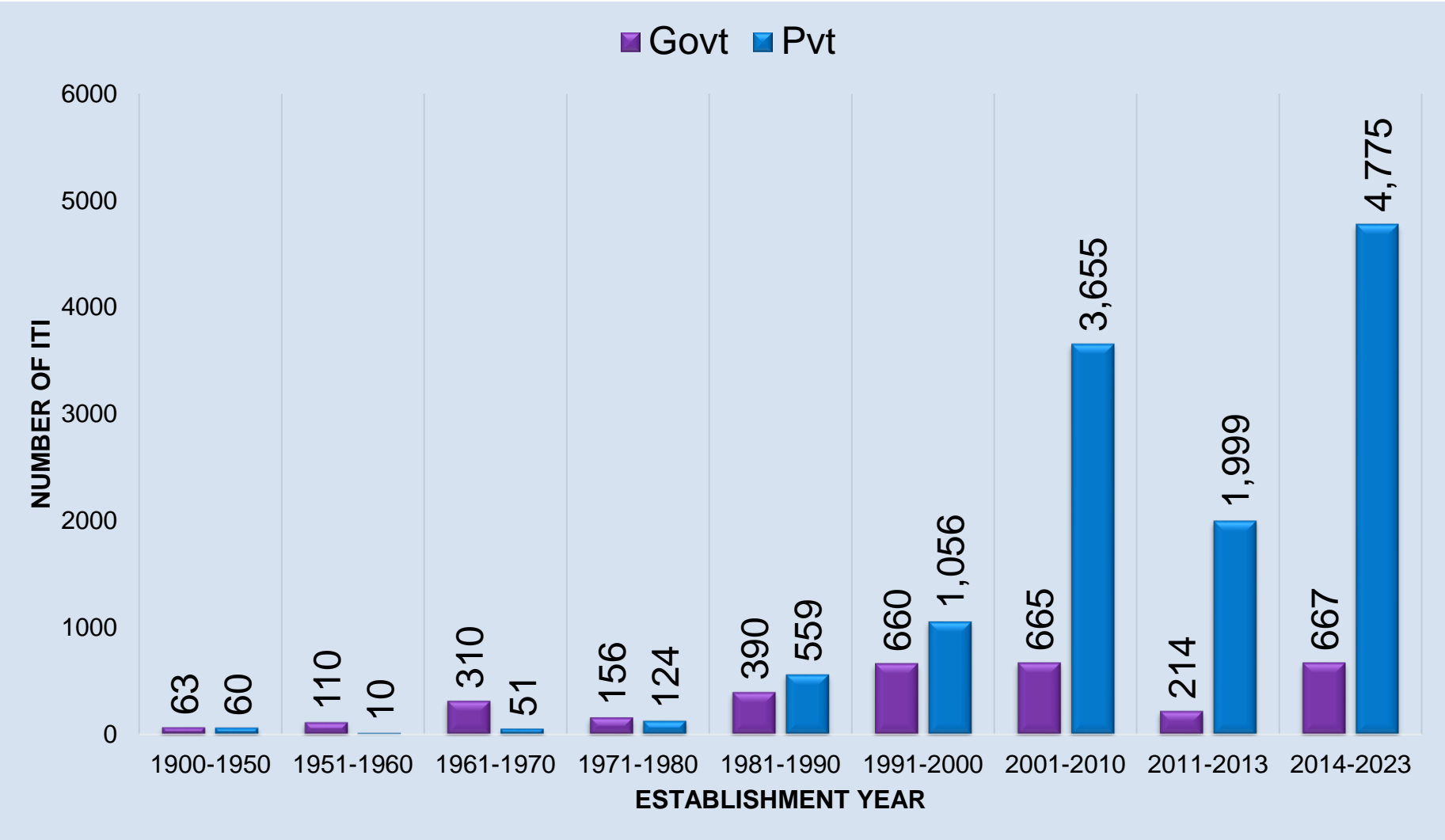
Top 10 CTS Trades (Engineering) 2022-2023

Trade name	Seats Available	Admission	Admission %
Electrician (NSQF)	783,188	503,677	64.3
Fitter (NSQF)	519,095	255,577	49.2
Welder (NSQF)	139,957	82,715	59.1
Mechanic Diesel (NSQF)	128,969	74,949	58.1
Electronics Mechanic (NSQF)	77,428	39,321	50.7
Mechanic (Motor Vehicle) (NSQF)	59,999	33,265	55.4
Wireman (NSQF)	46,401	26,654	57.4
Plumber (NSQF)	48,915	23,264	47.5
Refrigeration And Air Conditioning Technician(NSQF)	36,425	22,500	61.7
Turner (NSQF)	35,959	18,507	51.4

Top 10 CTS Trades (Non-Engg.) 2022-2023

Trade name	Seats Available	Admission	Admission %
Computer Operator And Programming Assistant (NSQF)	159,681	105,306	65.9
Sewing Technology (NSQF)	49,639	22,319	44.9
Cosmetology (NSQF)	26,544	17,731	66.7
Health Sanitary Inspector (NSQF)	48,000	14,070	29.3
Stenographer & Secretarial Assistant (Hindi) (NSQF)	24,432	13,003	53.2
Dress Making (NSQF)	24,462	12,361	50.5
Fashion Design & Technology (NSQF)	18,200	11,504	63.2
Stenographer & Secretarial Assistant (English) (NSQF)	17,339	8,488	48.9
Computer Hardware & Network Maintenance (NSQF)	7,274	5,087	69.9
Surface Ornamentation Techniques (Embroidery) (NSQF)	10,080	3,752	37.2

Success Stories of ITI Trainees (CTS)

Pramodini Patra, who graduated in Dressmaking from ITI Bhubaneswar in 2022, is now a successful self-employed entrepreneur in Bharatpur, Bhubaneswar. Despite challenges, including an unemployed father and a homemaker mother, her determination led her to establish her own shop, "Fashion Ladies Tailor." This venture not only fulfills her entrepreneurial dreams but also provides jobs for five individuals, earning an impressive ₹50,000 per month.	Renjith N R, an alumnus of the Government ITI Chackai in Thiruvananthapuram, completed his studies from 2009 to 2011 with a specialization in surveying. Presently, Renjith serves as a Second Grade Surveyor in the Survey and Land Records Department, showcasing his expertise in the field. With an annual income of Rs. 4.2 Lakhs.	Subha T, a 24-year-old passed from Govt ITI for Women in Kozhikode (Kerala), specialized in Computer Operator and Programming Assistant during her study years from 2019 to 2020. She now works as an Application Developer at IBM, Bangalore, earning an annual income of around Rs. 04 lakhs.

8

Lab upgradation in ITIs with Industry support

HAVELLS

ITI Naigaon, Singhbhum, Jharkhand

MARUTI SUZUKI

ITI Pusa, Delhi

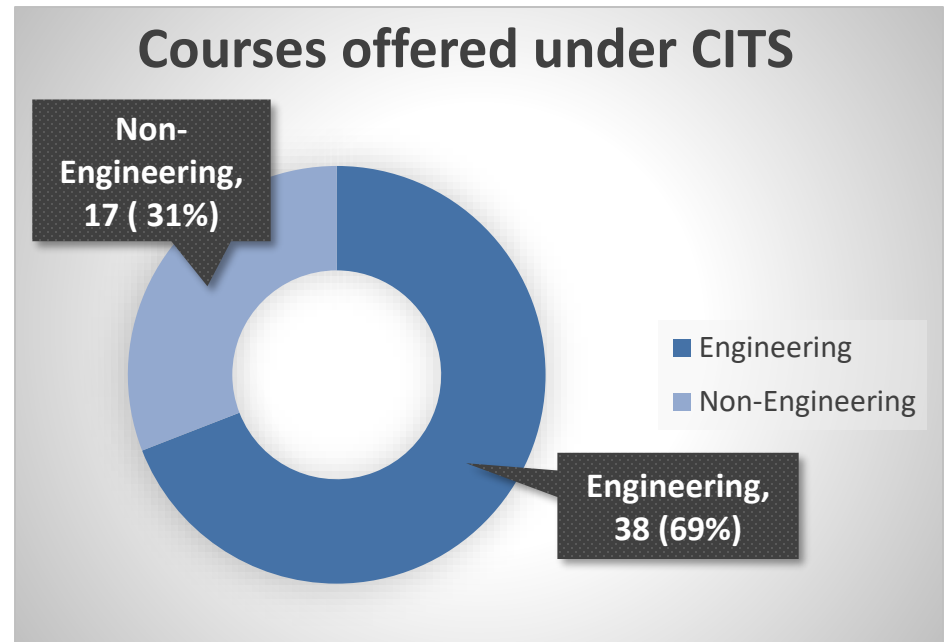# Lab upgradation in ITIs with Industry support
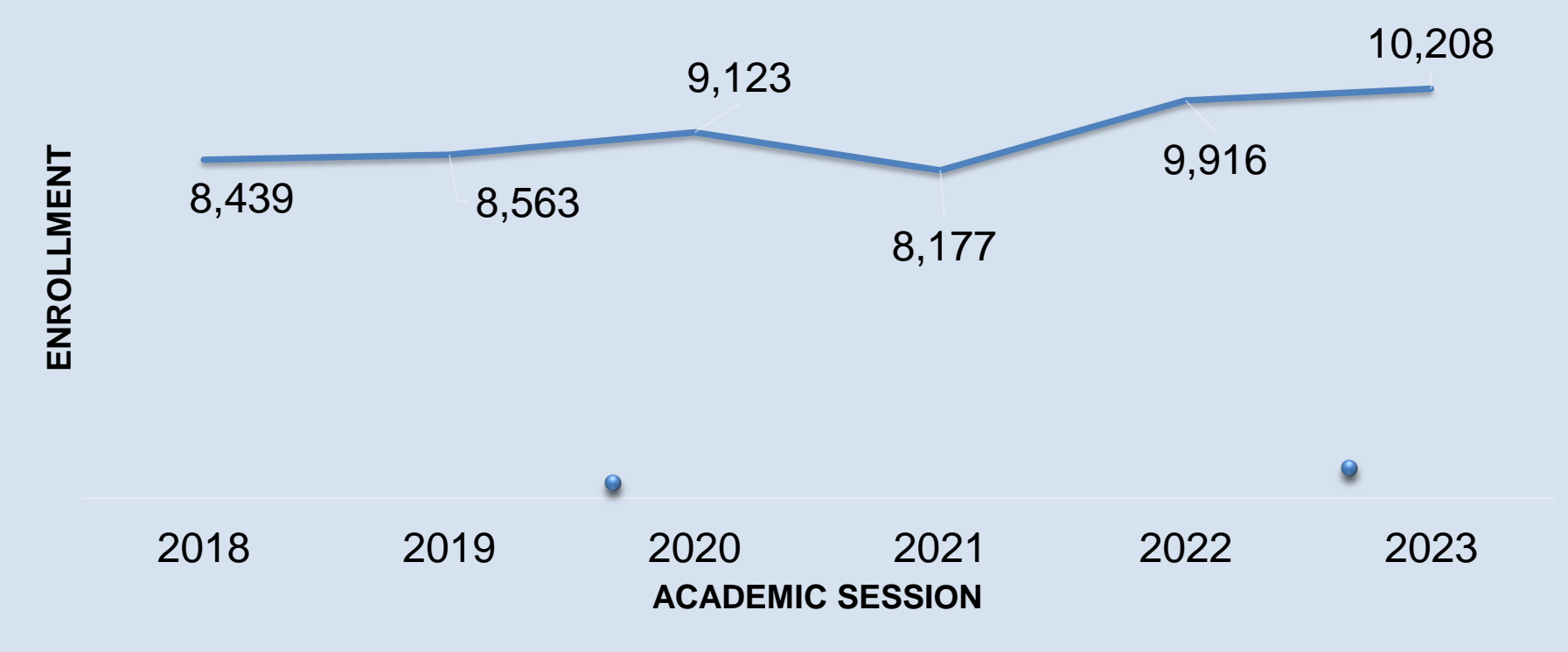

Govt. ITI Kalamssery, Kerala

Govt. ITI Guwahati

Craft Instructor Training Scheme (CITS)

- Training of Trainer (ToT) i.e. Training of Craft Instructors is the mandated responsibility of DGT

- Under CITS comprehensive training both in skills and training methodology is imparted to the instructor trainees to make them conversant with techniques of transferring hands-on skills, to train skilled manpower for the industry.

- Implemented through a network of 33 National Skill Training Institute (NSTI) under direct administrative & financial control of DGT. Out of these 19 NSTIs are exclusively for women

Courses offered under CITS

Non-Engineering, 17 (31%)

Engineering, 38 (69%)

■ Engineering
■ Non-Engineering

Enrolment trends under CITS

Top 10 CITS Trades

Sl. No.	Trade Name	Seat Available	Admission	Admission %	% of Total Admission
1	Electrician	3050	2384	78.16	23.35
2	Fitter	2600	1391	53.50	13.63
3	Computer Software Application	1410	1121	79.50	10.98
4	Cosmetology	725	689	95.03	6.75
5	Sewing Technology	595	550	92.44	5.39
6	Welder	1180	527	44.66	5.16
7	Electronics Mechanic	850	494	58.12	4.84
8	Fashion Design & Technology	450	409	90.89	4.01
9	Dress Making	575	328	57.04	3.21
10	Mechanic Diesel	665	328	49.32	3.21

Dual System of Training (DST)

Under DST mode of training trainees apart from being trained in educational institutions ,also get exposure of actual industry/workplace environment. DST is open for all trades under CTS in all ITIs/NSTIs.
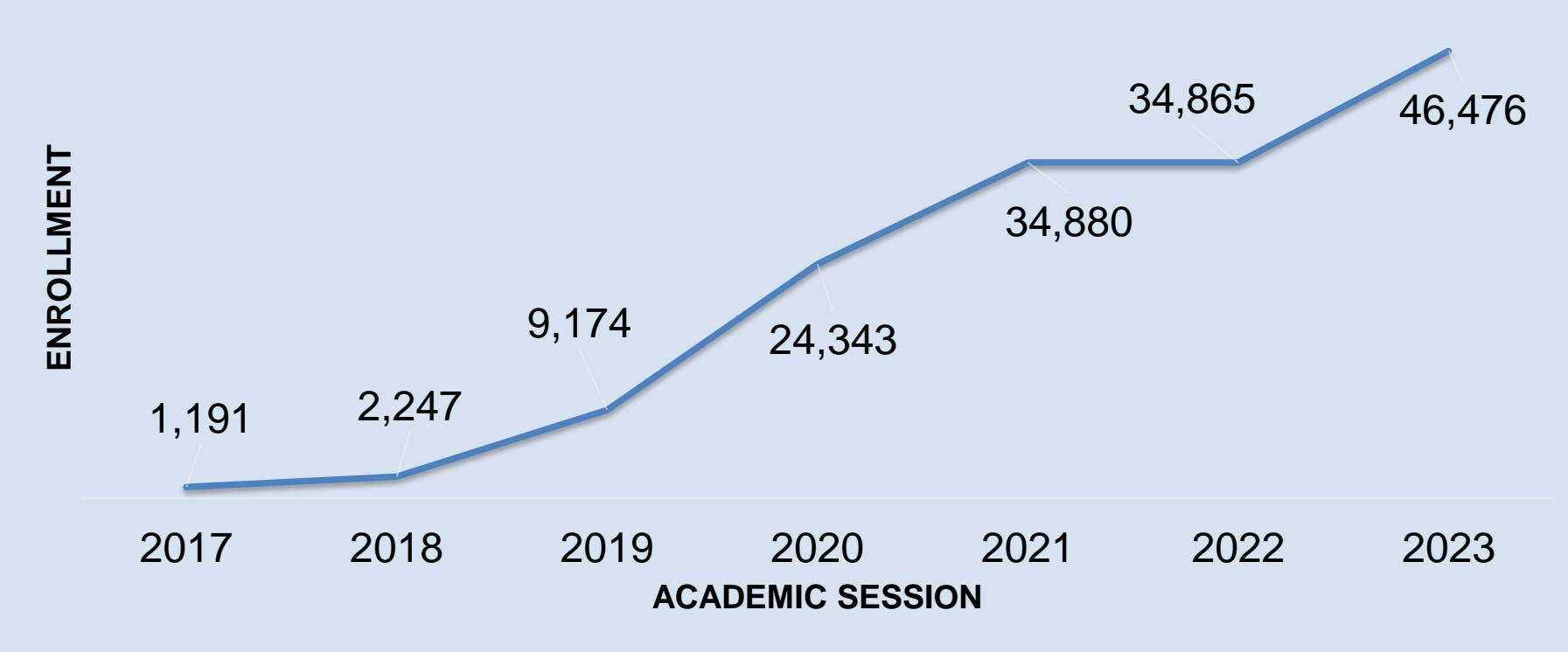
Strengthen industry connect	Impart quality, industry relevant training	Encourage more participation from ITIs and Industry

Duration of Industrial exposure/training under DST

Duration of Trade / course	Duration of industrial exposure/ training
6 months	1-3 months
1 Year	3-6 months
2 Years	6-12 months

Enrolment trends under DST

DST Enrolment top 10 trades

Sl. No.	Trades	Enrolment 2023
1	Electrician (NSQF)	8823
2	Fitter (NSQF)	8388
3	Welder (NSQF)	4449
4	Mechanic Diesel (NSQF)	3524
5	Computer Operator and Programming Assistant (NSQF)	3241
6	Mechanic (Motor Vehicle) (NSQF)	2725
7	Electronics Mechanic (NSQF)	2092
8	REFRIGERATION AND AIR CONDITIONING TECHNICIAN(NSQF)	1871
9	Turner (NSQF)	1231
10	Cosmetology (NSQF)	1056

Flexi-MoU Scheme – Industry specific courses

- Flexi-MoU scheme introduced in the year 2014 and revised in 2019
- Designed to cater the needs of both industry as well as trainees
- The participating entities need to enter into MoU with DGT, as an Industrial Training Partner (ITP)

Objectives → | **Strengthen industry connect** | **Imparting industry relevant training** | **Offer flexibility to create tailored skilling programmes** |
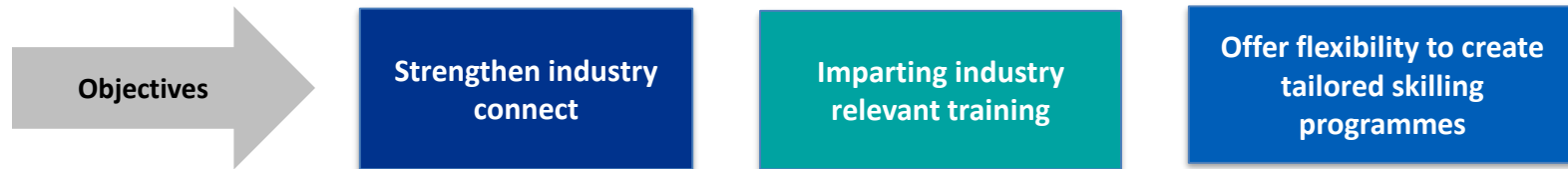
- Total 16 MoU has been signed after 2019 including 03 for the Armed Forces for Agniveers.
- 27 courses approved by NCVET in Flexi MoU.
- More than 9000 certified under Flexi Scheme.
- More than 12000 trainees undergoing training in the scheme.
- Revised Guidelines has been drafted according to a study conducted for enhancement for better implementation of the Scheme.
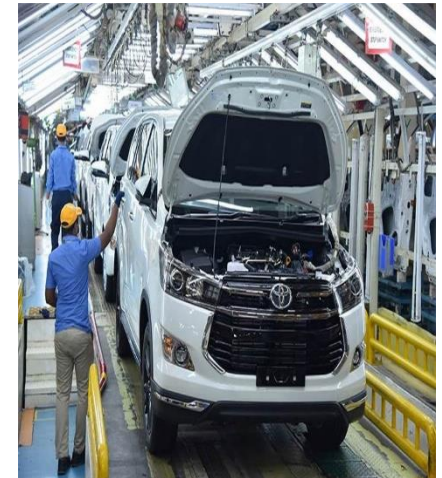
Flexi-MoU Scheme – Industry specific courses

Trainees undergoing training under Flexi -MoU

Enrolments under Flexi MoU by prominent Industrial Training Partners

Name of Industrial Training Partner	Year (Number of Trainees)				
	2019	2020	2021	2022	2023
Centurion University Of Technology & Management (CUTM) (2019)	2,821	-	942	1,623	-
Maruti Suzuki India Ltd. (MSIL) (2019)	2,580	4,762	2,764	3,705	3,346
Toyota Kirloskar Motor Pvt. Ltd. (2020)	-	-	-	202	120
NMDC Steel Limited (NSL) (2019)	-	-	-	-	97

Flexi MoU : Skill Certification of Agniveers

- DGT signed MoUs with all three Armed forces on dated 26 Dec, 2022 under Flexi-MoU Scheme of DGT

- Skill certification to Agniveer by recognizing their skills acquired during the training and service of 4 years.

Indian Army	Indian Navy	Indian Airforce
• Skill certification will be awarded in 53 trades • Capacity building programme organized • All the Line Directorates and their respective Training Centres onboarded on DGT Flexi MoU portal • More than 40,000 Agniveers enrolled on portal	• Skill certification will be awarded in 28 trades. • Capacity building programme organized. • Indian Navy and its Training Centre onboarded on DGT Flexi MoU portal	• Skill certification will be awarded in two trades. • Capacity building programme organized • Indian Navy and its Training Centre onboarded on DGT Flexi MoU portal

Flexi MoU : Skill Certification of Agniveers

STRIVE: Skills Strengthening for Industrial Value Enhancement (uptill May 2024)

Objective	To improve the relevance and efficiency of skills training provided through ITIs and Apprenticeships
Nature of Scheme	• World Bank assisted Govt of India project • Central Sector Scheme (100% funding by GoI) • Implementation by States/UTs
Duration	5 years, extended till May 2024

Result Area 1: Improving performance of ITIs

500 ITIs to be selected (including 100 Private ITIs) for providing grant of average INR 2 crore

Result Area 2: Increased capacities of State Governments

Signing of STRIVE MoU with all states/UTs for state-specific reforms.

Result Area 3: Improved teaching and learning capabilities

On boarding of CSTARI & NIMI

for revamping of CTS and CITS trades

Result Area 4: Improved and broadened apprenticeship training

MoU with Industry Clusters and States has to be signed with 100 Industry Clusters.

STRIVE: Skills Strengthening for Industrial Value Enhancement

E&S Best practices

Maharashtra: Supporting female candidates for continuing training

Ms. Vidya Meshram joined the Women ITI, Butibori in Nagpur, Maharashtra in year 2020. She was a trainee in the Machinist trade which was considered to be a male oriented trade.

Vidya was a resident of Kuhi, a place 80 km away from ITI. It was difficult for her to continue the training due to distance and the expenses incurred as bus fare. To support her for continuing her training at ITI, she was given Rs. 1,500/- per month as stipend to cover the bus fare from her village to the ITI. This enabled her to continue her course and be regular during the two years of her ITI training.

After completion of her course in year 2022, Vidya got selected for Apprenticeship at Tata Motors Ltd. Pune. She is continuing her apprenticeship at Tata Motors now and being paid a stipend of Rs. 15,000/- per month.

State of Maharashtra has provided transportation facility for OJT and travel reimbursement to 3,898 female trainees valued up to Rs. 197.12 lakhs using STRIVE funds.

Gujarat: Installation of solar panels at ITIs

Andhra Pradesh: Installation of Bio-gas plant and Compost pit

Odisha: Cleanliness drive across ITI and village

Meghalaya: Water harvesting and pavement

West Bengal: Installation of Rainwater harvesting systems at ITIs

Plantation and green initiatives at ITIs

STRIVE: Skills Strengthening for Industrial Value Enhancement

2nd Mizoram Startup Competition for Govt. ITI Pass-outs - KAWTCHHUAH – 2024

- KAWTCHHUAH – 2024, a Startup Competition was scheduled from 23rd to 25th January 2024 at Govt. ITI Aizawl and LESDE Department Auditorium.

- **The event was funded through RA-2 component of the World Bank assisted STRIVE project.**

- Objectives of the event:
  o To help aspiring entrepreneurs amongst ITI pass-outs for independent startup.
  o To improve the enrollment of ITIs in Mizoram by promoting and incentivizing innovative and goal driven ITI products.

- Outcome of the event:
  o The Startup Seed Fund of Rs. 1,00,000/- (Rupees One Lakh only) will be given to 15 selected participants resulting a total amount of Rs. 15,00,000.
  o The follow-up grooming of selected participants/ winners will be conducted by Thar Thil Thlentu (TiLi)* and officials.

* TiLi is an entrepreneurship collaborator and Mizoram's first incubator approved by Startup India

Enhancing Skill Development Infrastructure in NE States (ESDI) (uptill March 2024)

Objective	To enhance the existing infrastructure of skill development in North Eastern States
Nature of Scheme	• Centrally Sponsored Scheme • Implementation by States
Duration	Scheme implemented during 2011-24
Total Funding:	Rs 419.41 Cr
Total Expenditure:	Rs 308.33 Cr (till March 2024)

Scheme Components

Upgradation of 22 ITIs by introducing three new trades per ITI

Supplementing infrastructure deficiencies in 28 ITIs (construction of new hostel, boundary wall and supplementing old and obsolete tools and equipment)

Establishment of 34 new ITIs in 8 North Eastern States

Upgradation of existing Government ITIs into Model ITIs (uptill March 2024)

Objective	To upgrade 35 existing ITI in 29 States/UTs as Model ITI which will be evolved as an institution showcasing the best practices, efficient and high quality training delivery and sustainable and effective industry relationship
Nature of Scheme	• Centrally Sponsored Scheme • Implementation by States
Duration	Scheme implemented during 2015-24
Total Funding:	Rs 419.41 Cr
Total Expenditure:	Rs 283.02 Cr (till March 2024)

Scheme Achievements

- Overall seat utilisation have improved

- Passout rates are in increasing trend with passout rate more than 90%

- 15% to 100 % increase in wages of trainees. Placement of trainees in increasing trend

- 16 ITIs have been upgraded

Skill Development in 48 Districts Affected by LWE (uptill March 2024)

Objective	Creation of Skill Development infrastructure closer to the people of left wing extremism (LWE) affected districts. The scheme covers 48 LWE Districts in 10 States. The scheme is aligned with the objectives of the 2030 Agenda for Sustainable Development Goals (SDG).
Nature of Scheme	• Centrally Sponsored Scheme • Implementation by States
Duration	Scheme implemented during 2011-24
Total Funding:	Rs 399.47 Cr
Total Expenditure:	Rs 308.35 Cr (till March 2024)
Scheme Components	• Construction of 48 Industrial Training Institutes (ITIs) • Construction of 68 Skill Development Centres (SDCs)

Scheme Achievements

- 46 ITIs have been made operational under the scheme

- Construction completed for 61 SDCs

- 65% of the constructed ITIs have state of art infrastructure and about 85% of these are in Naxal affected areas

- More than 17000 trainees have been enrolled under these ITIs

27

Scheme of Polytechnic

Objective	To stimulate the growth of Polytechnics in the country by establishment of new polytechnics and upgradation of existing polytechnics
Nature of Scheme	• Centrally Sponsored Scheme • Implementation by States
Duration	Implementation period 2008-2025
Total Funding:	Rs 5298 Cr
Total Expenditure:	Rs 4022.17 Cr (till March 2024)

Component 1 : Setting Up of New Polytechnics in Un-served & Underserved Districts

Component 2 : Up-gradation of selected Polytechnics

Component 3 : Construction of Women's Hostels in selected Polytechnics

Component 4 : Scheme of Community Development Through Polytechnics (CDTP)

Other key initiatives of DGT

- Online learning resources

- Data Driven Grading of ITI

- NCVT MIS Portal

- NIMI Affiliation Portal

- Kaushal Dikshant Samaroh of trainees trained under CTS/CITS

- National Awards for Excellence in Vocational Training and Entrepreneurship development

- Advanced Vocational Training Scheme (AVTS)

- Training under CSR and support of Industry partners

Online Content for ITI Students/Trainers

ITI Students & Trainers Learning Portal
Bharat Skills, a Central Repository for skills which provide NSQF curriculum, course material, videos, question banks and mock test etc.

ITI Trainees

- **Tailored courses for ITI trainees.**
- **Study Materials (English, Hindi and other regional languages) Question Banks, E- books, Video, Blended Learning courses, Mock Test etc.,**

ITI Trainers

- **Access ToT courses under Trainers Module**

Others

- **Add-On trade related courses, NSDC short term courses**
- **Soft Skills**
- **Custom courses from partners such as CISCO, Quest Alliance, Microsoft India, AWS, IBM, ETS India, Wadhwani Foundation**

Online content

- A digital **Repository for skills - seamless online self-learning platform for the** skill Community of trainees and trainers.

- In-house developed & maintained (no third party), works on 2G network, no login required, simple user interface (3 click solution), mobile responsive, anytime-anywhere

Courseware - 13 languages
(Hindi, Gujarati, Odiya, Tamil, Marathi, English, Assamese, Bengali, Kannada, Malayalam, Punjabi, Telugu, Urdu)

6201 E-learning video content for 79 popular CTS courses

832 e-books, 447 question banks, 190 study material videos

NSQF compliant Curriculum- CTS/CITS/ATS

Industry connect new-age courses (IR 4.0)

Blended Learning - 6 Popular course :
https://blendedlearning.bharatskills.gov.in

Bharatskills Forum - Community Version :
https://bskillforum.bharatskills.gov.in

DGT- Industry Connect
Online courses under new emerging Technologies

IBM SkillsBuild

Microsoft

QUEST ALLIANCE

CISCO

WADHWANI FOUNDATION

aws

~ 22 lakhs trainees benefitted by DGT- Industry Connect

MoUs between DGT and Industries –by IT Cell of DGT

S.No.	Name of the Industry	Brief of MoU	Major Achievements
1	Microsoft	• Capacity building training programs in Digital Productivity and Advanced IT skills, viz. AI, Cloud Computing, CyberSecurity, etc., for the students of NSTIs & ITIs in the future skills ensuring better preparedness for the upcoming jobs. • **8000** students of Govt. ITIs and NSTIs to be upskilled and prepared for relevant job opportunities under Skill Saksham program.	Training completed for ITIs and NSTIs with 7483 students completed/are undergoing training in 46 ITIs and 14 NSTIs.
2	IBM India	• Two Year Advanced Diploma (vocational) in IT Networking & Cloud Computing (ADIT) started - NSQF Level 6 In progress • **DGT-IBM SkillsBuild** - A Digital Learning Platform for learners linked with DGT Bharatskills	• 318 trainees in DGT IBM ADIT Course Batch – 4 (2022-24) – previously total of 458 students have completed this Diploma course with support from IBM. • 10100 trainers from ITIs trained in basic AI skills • 14,12,303 learners, Course completed with certificate /badges : 11,91,726 (from Nov 2019 to Feb 2024 & is increasing)
3	Future Right Skill Network (Erstwhile Quest Alliance)	• Support in curriculum development and content creation of Employability skills (1 year and 2 year trades) • Training of trainers and master trainers in ES • Set up of Modern Employability Skills Labs in NSTIs	Curriculum, content, Question bank of Year 1 and Year 2 completed and uploaded on Bharatskills portal. 289 Master Trainers trained and training of 6618 trainers completed. Modern Employability skills Labs setup in 15 NSTIs for women. 6.37 students from DGT ecosystem benefitted under this MoU.

MoUs between DGT and Industries- by IT Cell of DGT

S.No.	Name of the Industry	Brief of MoU	Major Achievements
4	Amazon Web Services Ltd.	Skilling, reskilling and upskilling of learners and educators of NSTIs and ITIs, in the fields of cloud computing, and emerging technologies like Artificial Intelligence (AI), machine learning (ML), etc. through learning programs u	12 NSTIs have been onboarded as AWS academies and 420 students have been enrolled in these academies.
5	ETS India	TOEIC Bridge assessment & certification for 1000 students of NSTIs@ no cost. Online Learning and Practice Course (OLPC) for self-learning by the short-listed 1000 students of NSTIs under the guidance of trained trainers	• 43 trainers across 24 NSTIs have completed the Offline & online training. • Students mobilization in NSTIs completed. • Interested students will undergo a Diagnostic test in 2nd Week of June. • Short-listed students will be trained by the trainers using the TOEIC Official Learning and Preparation Course (OLPC) content for the TOEIC bridge assessments.
6	Wadhwani Foundation	Digital training & assessment in 21st Century Employability Skills through the digitized content developed and used by the Wadhwani Foundation.	The interactive ES content has been posted on Bharatskills portal. More than 34,000 ITI students have been trained under this MoU.

Data Driven Grading Methodology

Data Driven Grading Methodology (DDGM) is developed for grading all existing ITIs using the parameters/information available on the DGTMIS portal. ITIs graded on a scale of 0 to 10.

Sl. No.	Parameters	Weightage	Parameter Scale					
			0	1	2	3	4	5
1	Admission % (Average of the maximum of 2 years out of last 3 years) 2018-19, 2019-20, 2022-23)	35	<=20%	>20-30%	>30-50%	50-60 %	60-70%	> 70%
2	Female Participation (Average of the maximum of 2 years out of last 3 years) 2018-19, 2019-20, 2022-23)	5	0	0-5%	5-10%	10-15%	15-20%	>20%
3	Trade Diversity (New Age Course/Non-Engineering Trade/Engineering Trade)	5	-	Any 1 type of course	-	Any 2 type of courses	-	All 3 type of courses
4	Pass% (Average of the maximum % of 2 years out of last 3 years Against the trainees HT generated) 2017-18, 2018-19, 2019-20	35	<40	>=40-50%	>=50-60%	>60-70 %	>70-80%	>80%
5	CBT examination participation (% HT generated against Admitted trainees Average of the maximum of 2 years out of last 3 years)	5	0-20%	>=20-40%	>=40-60%	>=60-70%	>=70-80%	>80%
6	Average marks % of last year trainees	5	0-40%	>40-50%	>50-60	>60-70	>70-90	>90%
7	DST enrolled trainees against total admitted trainees	5	0	>0-5%	>=5-10%	>=10-15%	>=15-20%	>=20%
8	SC/ST/PwD enrolled trainees against total admitted trainees	5	>0-5%	>=5-10%	>=10-20	>=20-30%	>=30-40%	>=40%

Formulae for new grading =($\sum$ Weightage x parameter score/100)×2

Data Driven Grading Methodology

Total Number of ITIs	**14,952**
Grading Scores Generated for ITIs	14,683
Grading Scores Not Generated (NG)	269

Grading Range	No. of ITIs
0 to 2	883
2 to 4	1,808
4 to 6	4,670
6 to 8	5,466
8 to 10	1856
NULL	269
Total	14,952

Grading portal: https://dgt.gov.in/itigrading

NCVT MIS Portal

Portal developed in 2014 as a part of Digital India initiative for delivery of citizen centric services to trainees, ITIs and State/UT Directorates. The portal is in process of migration to Skill India Digital Hub (SIDH) portal.

Features

- All certificates are digital with embedded QR code
- Trainees empowered to download Hall Ticket, Marksheet, Certificate, CBT exam answer sheet
- Trainees can raise profile and exam grievances
- Certificate verification functionality for employers
- All data available in public domain to bring transparency
- Single point of direct contact between DGT, trainees and ITIs for all important communications
- Even the online content on bharatskills portal is being migrated on the SIDH portal

NIMI Affiliation Portal

Improving system efficiency, transparency and empowerment of citizens with the use of technology.

Comprehensive portal to meet demands of Affiliation processes with following features :

- Application for new ITI/trade & unit addition/change of location etc.
- Desktop assessment by State/UT Directorates
- Submission of Inspection reports
- Submission of requisite documents by ITI/State/RDSDE in compliance to Standing Committee on Accreditation and Affiliation (SCAA) decisions.
- Grievance redressal

Kaushal Dikshant Samaroh

- To instill a feeling of pride and respect among all students belonging to the skill ecosystem for becoming a part of the nation-building initiative.

- Two national level Dikshant Samaroh's conducted for sessions 2021-22 and 2022-23.

- During session 2022-23 out of 51 toppers, 26 were female and 2 PwD trainees under various categories of CTS and CITS

- During session 2021-22 out of 42 toppers, 23 were female and 2 PwD trainees under various categories of CTS and CITS

KAUSHAL DEEKSHANT SAMAROH 2023

TOPPER TRAINEES IN HALL

DIGNITARIES ON STAGE

TOPPER TRAINEES GETTING FELICITATED

Hon'ble MSDE ADDRESSING THE AUDIENCE

National Awards for Excellence in Vocational Training and Entrepreneurship development

- To recognize excellence among faculty, trainers and master trainers in the long-term and short-term training spheres as well as entrepreneurship development.

- It honors trainers, faculty from vocational education, school education and higher education under one Umbrella.

- Two Categories of award under Long term training
i.   Best Skill Trainers – Long Term Training (08 awards)
ii. Best Master Trainers - Long Term Training (02 awards)

- Nominations are received on portal, established criteria of selection to bring transparency.

Advanced Vocational Training Scheme (AVTS)

- Aims to upgrade and update the skills of serving industrial workforce

- Training in selected skill areas is being imparted through short-term modular courses of one to six weeks' duration

- Tailor-made courses suiting to the specific requirements of industrial establishments are offered

- Hands-on Learning with access to latest equipment and machinery, enabling gain real-world experience and proficiency required in the industry

- Major Industry partners Indian Space Research Organisation (ISRO), Oil and Natural Gas Corporation (ONGC), Naval Dockyard, Mazgaon Dockyard, Hindustan Aeronautics Limited (HAL), Pidilite etc

- More than 3700 participants trained in FY 2023-24.

Training with support of Industry partners and lab upgradation under CSR

a) Establishment of Aeronautical Structure And Equipment Fitter (ASEF) lab/workshop with the support of **Dassault Aerospace Skill Institute (DASI)**

b) Under CSR MoU signed with **M/s SKODA Volkswagen** for Automobile training including engines.

c) MoU signed with **M/s SIEMENS India Pvt Ltd** for CNC Programming and operations. In addition lab upgradation for PLC and HMI programming with CSR support from SIEMENS

d) Upgradation of Plumbing lab with CSR support from **M/s JAQUAR**

e) Establishment of Woodworking technician & Plumbing lab/Workshop with support from **M/s Pidilite Industries Ltd. (PIL)**

f) Upgradation of labs with installation and commissioning high-end CNC machines from **M/s HAL** under CSR

g) MoU signed between **NSTI Hyderabad and Directorate General Resettlement (DGR)**, Ministry of Defence and RDSDE Telangana for short-term training in various areas to train Indian armed forces.

h) Upgradation of labs with painting simulator and paints for Interior decorative paintings under CSR initiative from **Nippon Paints**

i) Establishment of Centre of Excellence (CoE) workshop for Woodwork workshop with support from **Furnitures and Fitting Skill Council (FFSC)**

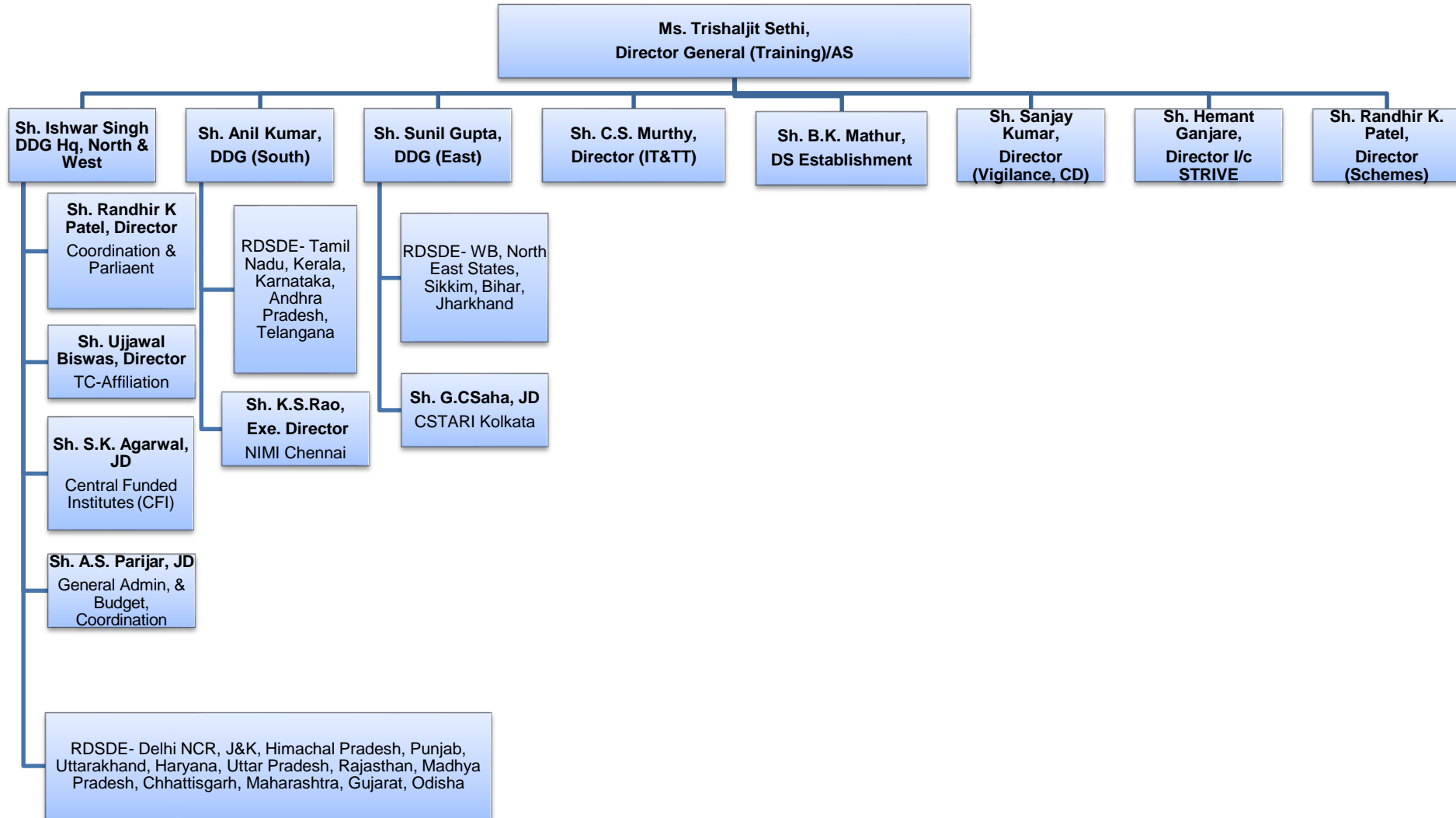j) Establishment of Centre of Excellence (CoE) in Media Sector with support from **Media Skill Council**

Action Plan for next 6 months (1/2)

1. Preparation of new Scheme on ITI upgradation – KSHAMTA
a) Establishment of 30 central government higher skilling institutions with autonomy(Mega ITIs)
b) Upgradation of 400 ITIs
c) Capacity building for system wide improvement in ITIs

2. Revised Flexi MoU guidelines

3. Revised Affiliation norms for ITIs

4. Skilling under PM Surya Ghar Muft Bijli Yojna

6. Multi Skilling and Cross Sectoral Skilling

Action Plan for next 6 months (2/2)

7. 3rd edition of Kaushal Dikshant Samaroh

8. National Awards for Excellence in Vocational Training and Entrepreneurship development

9. Training of Trainer (ToT) in Apparel sector in collaboration with National Institute of Fashion Technology (NIFT)

10. Introduction of Artificial Intelligent Programming Assistant (CTS) in 12 NSTIs with support from Microsoft

11. Completion of pilot phase of ToEIC (Test of English for International Communication) bridge assessment for 1000 trainees in collaboration with ETS

DGT-Organizational Structure

```
                          Ms. Trishaljit Sethi,
                          Director General (Training)/AS
```

Sh. Ishwar Singh DDG Hq, North & West

Sh. Anil Kumar, DDG (South)

Sh. Sunil Gupta, DDG (East)

Sh. C.S. Murthy, Director (IT&TT)

Sh. B.K. Mathur, DS Establishment

Sh. Sanjay Kumar, Director (Vigilance, CD)

Sh. Hemant Ganjare, Director I/c STRIVE

Sh. Randhir K. Patel, Director (Schemes)

Sh. Randhir K Patel, Director
Coordination & Parliaent

RDSDE- Tamil Nadu, Kerala, Karnataka, Andhra Pradesh, Telangana

RDSDE- WB, North East States, Sikkim, Bihar, Jharkhand

Sh. Ujjawal Biswas, Director
TC-Affiliation

Sh. S.K. Agarwal, JD
Central Funded Institutes (CFI)

Sh. K.S.Rao, Exe. Director
NIMI Chennai

Sh. G.CSaha, JD
CSTARI Kolkata

Sh. A.S. Parijar, JD
General Admin, & Budget, Coordination

RDSDE- Delhi NCR, J&K, Himachal Pradesh, Punjab, Uttarakhand, Haryana, Uttar Pradesh, Rajasthan, Madhya Pradesh, Chhattisgarh, Maharashtra, Gujarat, Odisha

Offices under Directorate General of Training

Regional Directorate of Skill Development and Entrepreneurship (RDSDE)

- RDSDEs were setup to ensure effective integrated development and monitoring of Skill Training and Apprenticeship training at the state level

- 22 RDSDEs established across 36 States/UTs

RDSDE Uttar Pradesh

Key functions :

I.   a. Implementation of CTS,CITS and Apprenticeship training scheme

II.   b. Coordination for training under PM Vishwakarma, PMKVY, JSS, Entrepreneurship and other central skilling schemes

III.   c. Coordination with State/UT governments to ensure quality of training in ITI, standards of assessment, smooth implementation of various financial and non-financial schemes of DGT.

48

National Skill Training Institute (NSTI)

- Established to train Instructor trainees in the techniques of transferring hands on skills & training methodology

- 33 NSTIs including 19 women NSTIs across 36 States/UTs

- NSTIs conduct training under CTS,CITS,AVTS, Advanced Diploma and other short term courses.

- NSTIs have been upgraded to cater to the needs of Industry 4.0

NSTI, Dehradun

NSTI, Haldwani

Geographical Presence of NSTIs
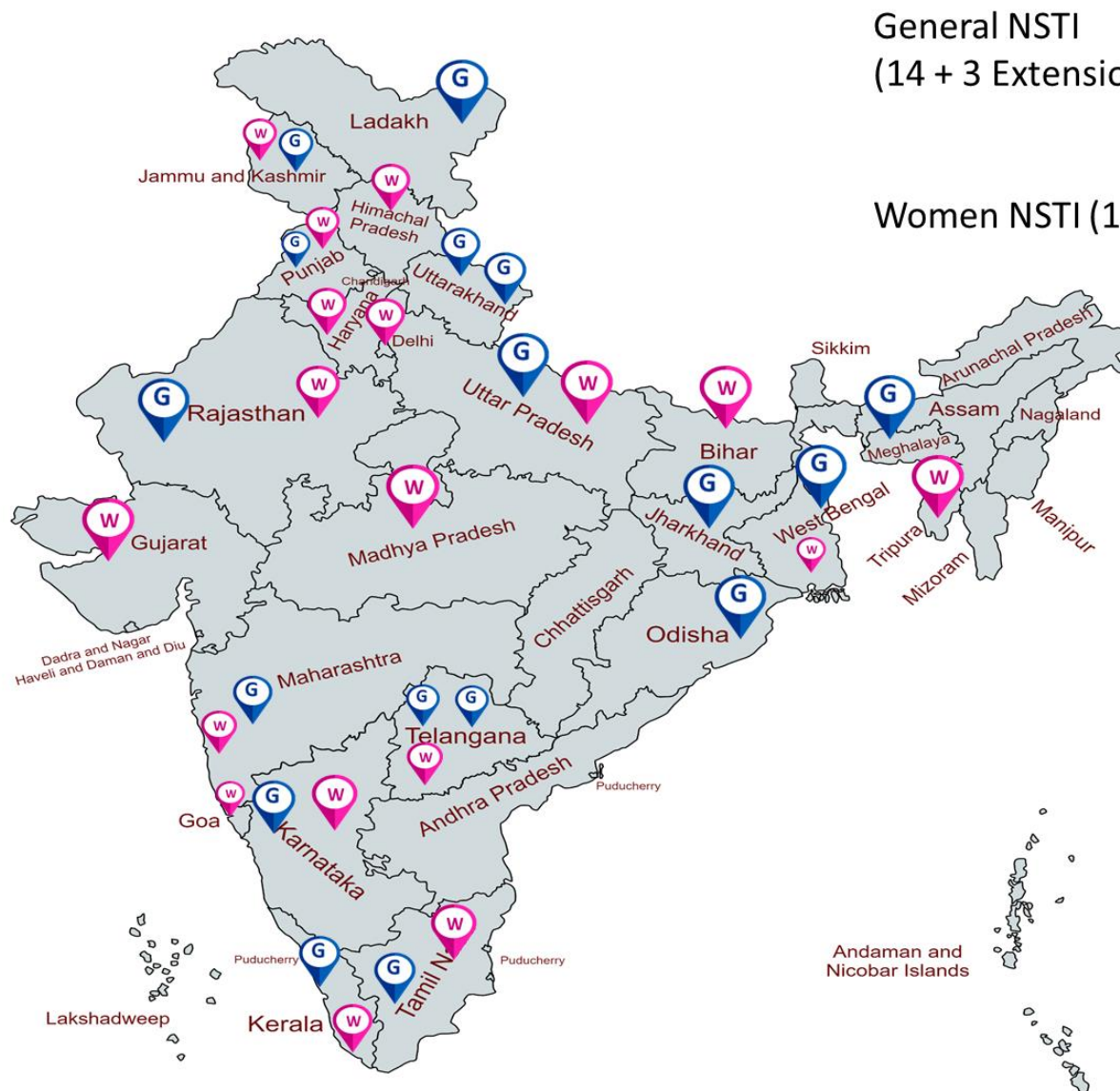
New Project Inaugurated at NSTI

Inauguration of New Hostel Building at NSTI Dehradun by Hon'ble Prime Minister (through virtual mode) on 20/02/2024.
Total Cost- 11.5 Cr.
Capacity – 228 Trainees

New Project Inaugurated at NSTI

Inauguration of **NSTI-W,Hyderabad** by Honorable Union Minister Shri.Kishan Reddy, Minister of Tourism, Culture and Development of North Eastern Region of India

Date : 21/01/2024

New Project Inaugurated at NSTI

Inauguration of new NSTI campus with total cost of Rs. 17 crores at Anand Nagar, Agartala. The institute is built over 4.12 acres which include academic block, admin block and a hostel (16 rooms for 32 girls). The foundation stone for the new campus was laid down on 2nd March 2019 by the Hon'ble minister of Skill Development and Entrepreneurship through virtual mode.

New Project Inaugurated at NSTI

MOU signed with MECON for constructing of new NSTI at Jatni , bhubaneswar (own campus NSTI plus) in the presence of Sh. Atul Kumar Tiwari, Secretary, MSDE and Ms. Trishaljit Sethi, DG(T)/AS, DGT.

MoU Signed Mahindra & Mahindra

Signing of MoU between DGT, MSDE and Mahindra & Mahindra in the presence of Sh. Atul Kumar Tiwari, Secretary, MSDE and Ms. Trishaljit Sethi, DG(T)/AS,DGT to run a pilot programme in two National Skill Training Institutes, NSTI Ramanthapur and NSTI Noida, that would skill 500 women from registered self-help groups under the Drone Didi Scheme. Eventually, the scheme aims to empower 15,000 rural women to become drone pilots in agriculture.

MoU Signed with Defence Organisations

Exchange of MoU with DGR by RDSDE(TS) , MSDE in the presence of Sh. Atul Kumar Tiwari, Secretary, MSDE for providing training for soldiers who are due for retire with placement opportunity.

Success Stories of NSTI Trainees (CITS)

Mr. Sanjeev Joshi, a Vocational Instructor, attained his Certificate in Information Technology Skills (CITS) from the National Skill Training Institute (NSTI) in Dehradun in 2019. Presently, he holds the position of Vocational Instructor at the National Career Services in Dehradun, with an approximate annual salary of Rs. 05 Lakhs.

Ms. Priyadharshini, hailing from Dharmapuri, Tamil Nadu State, completed her Certificate in Information Technology Skills (CITS) from the National Skill Training Institute (NSTI) in Bangalore. Subsequently, she transitioned to NSTI Bengaluru in the Computer System Administration (CSA) program. Presently, she serves as a Technical Support Engineer at CGS, with an approximate annual salary of Rs. 3.2 Lakhs

Mr. Mukesh Pandey completed his Craft Instructor Training Scheme (CITS) from the National Skill Training Institute (NSTI) in Dehradun in 2022. He is currently employed as a Technician at the Indian Space Research Organisation (ISRO) and earning salary package of approximately Rs. 03 Lakhs .

Institutions attached with Directorate General of Training

National Instructional Media Institute, Chennai

- **Nodal Agency to develop Instructional Materials, Digital Content related to vocational courses, Question Bank, and Translation of books into Hindi and other regional languages.**

- **More than 660 books are available in 12 regional languages. Translation of 721 books is under process.**

- **More than 80,000 new questions have been added in question bank**

- **Question Bank for CTS is available in 10 regional languages**

- **Supports DGT in various IT initiatives viz CBT Mock Test App, Affiliation portal and App, CITS admission portal etc.**

- **Supports MSDE and DGT in implementation of various special projects**

Snap shots of Achievements

Release of NIMI Books (100 Titles) in 12 Regional Languages by Hon'ble PM on 3rd Anniversary of NEP 2020 @New Delhi

Snap shots of Achievements

Implementing Training of Trainers(ToT)- Employability Skills

Self-Defense training for Women trainees

250 Apprenticeship workshops across the country

VR piloting in 05 ITIs

Central Staff Training and Research Institute (CSTARI) Kolkata

- Designs and develops trade curricula for the various trades, involving trade and industry experts. The course designed is submitted to NCVET for approval.

- Course Curricula of 14 trades has been developed in last one year.

- Curricula for 240 hrs short term course in 19 trades under development. These include Generative AI, Cyber security, Solar (Photo Voltic), Semiconductor etc.

- Revision of curricula under various trades under process. These include Additive manufacturing technician, Artisan using advanced tools, plumber etc.

- Organize suitable training programmes in institutes/ industries.

Submissions before the Hon'ble Minister

1. Five Years Zero admission units

There are 22,668 units that have been unutilized for more than five consecutive years and are currently listed on the NCVTMIS/SIDH portal. These redundant units are artificially inflating the total seating capacity and vacant seats in CTS each year.

The presence of these unutilized units could have a significant impact on the grading of certain ITIs, potentially resulting in legal disputes and grievances related to the grading of ITIs for the session Aug-2024.

A total of 22,668 units with 482,500 seats in ITIs are proposed for deactivation/de-affiliation on the NCVTMIS/SIDH portal.

2. Kaushal Dikshant Samaroh 2024

"Kaushal Dikshant Samaroh 2024 is anticipated to be held in September 2024 under the esteemed leadership of the Honorable Minister

3. NIMI : General Body Meeting

The General Body meeting of NIMI will be chaired by the Honorable Minister. Meeting likely to be convened before the end of the year.

Thank You

STRIVE: Skills Strengthening for Industrial Value Enhancement

Result Area 1:Improving performance of it is

- 500 ITIs selected for upgradation of training equipment and machinery
- 22% increase in graduates in academic year 2021-22
- 20% female enrolled in academic year 2021-22
- 35% of candidates undergone OJT in academic year 2021-22

Result Area 2: Increased capacities of State Governments

- Tracer Study conducted by 18 states
- National Tracer study has been completed by an independent agency
- 17 states have reduced vacancy of trainers in Government ITIs by 20%
- Model Career Progression Policy created by MSDE; 10 states developed CPP on similar lines
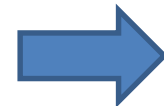
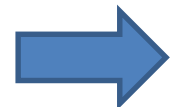# STRIVE: Skills Strengthening for Industrial Value Enhancement

Result Area wise achievements

Result Area 3: Improved teaching and learning capabilities

- Teaching & learning materials in 14 trades
- Translation of learning material in 8 regional languages and question bank into 12 regional languages
- Instructional Media Packages (IMPs) created for 50 trades
- Capacity building programs

ToT of 463 trainers under Drone Technology, 2373 trainers under Employability Skills and Training of 115 officials at IIM Kozhikode

- AR/VR lab setup in 5 ITIs
- Lab upgradation in 23 NSTIs
- 15 Days Entrepreneurship Development Program (EDP) and 2 days Entrepreneurship Awareness Program (EAP)
- Self defense training for about 3500 female trainees of NSTIs

Result Area 4: Improved and broadened apprenticeship training

- 90 Industry Clusters selected across 17 States to promote apprenticeship
- Training commenced by 30 Industrial Clusters in 2 new trades
- 29.50% female enrolment achieved across 22 Industry Clusters against the target of 12% in aggregate

Enhancing Skill Development Infrastructure in NE States (ESDI)
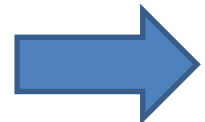
Component 1 : Upgradation of 22 ITIs

- Upgradation work completed in 16 ITIs

Component 2 : Supplementing infrastructure deficiencies in 28 ITIs

- Deficient infrastructure supplemented in 16 ITIs

Component 3 : Establishment of 34 new ITIs

- Construction work completed in 18 new ITIs

Scheme of Polytechnic

Component wise achievements

Component 1 : Setting Up of New Polytechnics in Un-served & Underserved Districts

Out 0f 296 polytechnics to be setup, 124 Polytechnics have been constructed and remaining are at different stage of construction

Component 2 : Up-gradation of selected Polytechnics

Out of 500 polytechnics to be upgraded, 105 Polytechnics have been completely upgraded and remaining are the different stages of upgradation.

Component 3 : Construction of Women's Hostels in selected Polytechnics

Out of 500 women hostel to be constructed, 351 women hostel have been constructed and remaining are at different stage of construction

Component 4 : Scheme of Community Development Through Polytechnics (CDTP)

CDTP scheme envisages providing non-formal, short-term, employment-oriented skill development programmes, through AICTE approved Polytechnics. About 14.09 lakh trainees have been trained under CDTP scheme.