



ANNUAL ACTIVITY REPORT


2023-24

Skill Development & Technical Education Department

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Abbreviations and Acronyms

ADB	- Asian Development Bank
AEBAS	- Aadhaar Enabled Biometric Attendance System
AI	- Artificial Intelligence
BCA	- Bachelor of Computer Application
B.CAT	- Bachelor in Cinematic Art and Technology
BPUT	- Biju Patnaik University of Technology
BOSE	- Bhubananda Odisha School of Engineering
CMEGP	- Chief Minister's Employment Generation Programme
CNV Act	- Compulsory Notification of Vacancies Act,1959
CoE	- Centre of Excellence
CSR	- Corporate Social Responsibility
CSCM	- Centrally Sponsored Centrally managed.
CSSM	- Centrally Sponsored State managed.
CTTC	- Central Tool Room and Training Centre
DMF	- District Mineral Fund
DTE&T	- Directorate of Technical Education and Training
DRIEMS	- Dhaneswar Rath Institute of Engineering and Management Studies
DSDEO	- District Skill Development -cum- Employment Officer
ERP	- Enterprise Resource Planning
FY	- Financial Year
HTE	- Higher Technical Education
IDP	- Institute Development Plan
IEC	- Information Education Communication
IoT	- Internet of Things
ITI	- Industrial Training Institute



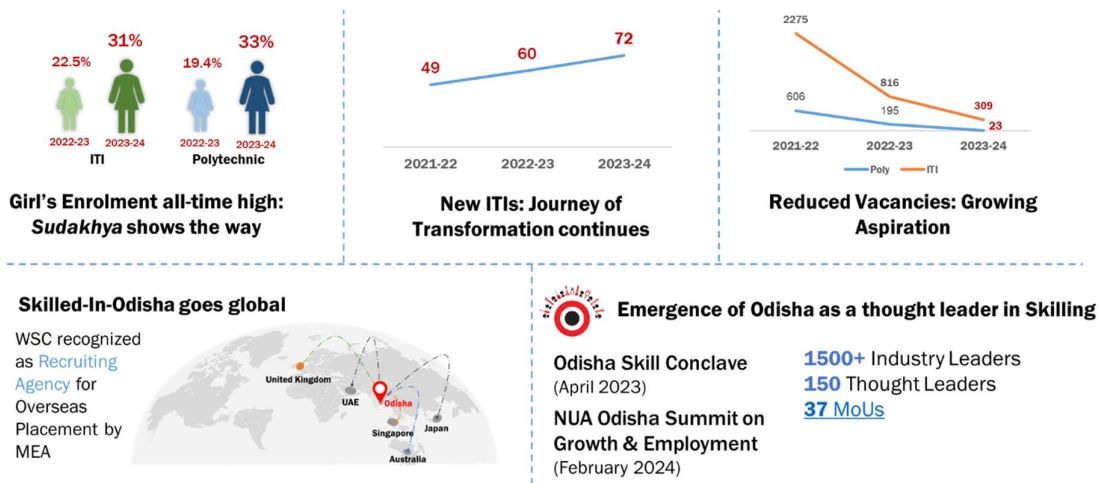
LWE	- Left Wing Extremism
MBA	- Master of Business Administration
MCA	- Master of Computer Application
MoU	- Memorandum of Understanding
ML	- Machine Learning
NCVET	- National Council for Vocational Education and Training
NIST	- National Institute of Science and Technology
NSDC	- National Skill Development Corporation
NSQF	- National Skills Qualification Framework
NTPC	- National Thermal Power Corporation
NUA Odisha	- Nutana Unnata Abhilasha (NUA) Odisha
OCAC	- Odisha Computer Application Centre
OGITS Rules	- Odisha Government ITIs Trainers Service Rules
OGPTS Rules	- Odisha Government Polytechnic Teachers' Service Rules
OJEE	- Odisha Joint Entrance Examination
OMT	- Operate, Maintain and Transfer
OPSC	- Odisha Public Service Commission
ORTPS Act	- Odisha Right to Public Services Act
OSDA	- Odisha Skill Development authority
OSFDC	- Odisha SC & SC Development Finance Co-operative Corporation
OUTR	- Odisha University of Technology and Research
PIA	- Programme Implementing Agency
PLTP	- Placement Linked Training Program
PMEC	- Parala Maharaja Engineering College
PPP	- Public–Private Partnership
RPL	- Recognition of Prior Learning
SC	- Scheduled Caste



SCTE&VT Training	- State Council for Technical Education and Vocational
SDC	- Skill Development Centre
SDEC	- Skill Development Extension Centre
SDTE	- Skill Development & Technical Education
SHG	- Self Help Group
SSC	- Sector Skill Council
ST	- Scheduled Tribe
STT	- Short Term Training
STRIVE	- Skills Strengthening for Industrial Value Enhancement
TC	- Training Centre
TP	- Training Provider
TVET	- Technical and Vocational Education and Training
UC	- Utilization Certificate
UGIE	- Utkalmani Gopabandhu Institute of Engineering
UGMIT	- Utkal Gourav Madhusudan Institute of Technology
VSSUT	- Veer Surendra Sai University of Technology
WSC	- World Skill Centre

Executive Summary

The year 2023-24 was a phenomenal year with several targeted initiatives yielding positive results. Enrolment of girls in ITIs has significantly increased from 6% in 2016-17 to 31% in 2023-24 and in case of Polytechnics it has increased from 16% in 2021-22 to 33% in 2023-24, because of our Sudakshya Scheme. With this Odisha stands number one in the country in terms of share of female students in Government ITI and Polytechnics. Through a collaborative approach and teamwork, admissions in Govt ITIs and Polytechnics have reached almost 100%. Resounding success of Odisha Skill Conclave 2023 has reinforced our position as a thought leader. 'Skilled-In-Odisha went global with our students' getting jobs and internships in Singapore and Dubai. Trainings have commenced under the NUA Odisha scheme, which is an aspirational programme to equip our youths in new-age skills, strengthen the traditional sector and make skilling inclusive. Our Digital Skilling initiative won the DigiTech Award (Gold Category) by the Economic Times while we were recognized as a Premier Partner by ITEES Singapore.



Key Highlights of 2023-24

1. INTRODUCTION

The Skill Development and Technical Education (SD&TE) Department (erstwhile Employment & Technical Education & Training Department) was created vide General Administration Department Notification No. 24622 dt.19.12.2011.

Vision

Provide **leadership in assuring quality** and in stimulating innovation in technical education and vocational training sector in the State in its way through vigorous pursuits of **industry-academia interface** and **achieving excellence** in the delivery of technical education and training and the resulting output.

Objectives

Nurturing the Human Resource potential of the State by imparting technical/ vocational education

Making technical/ vocational education Affordable and Accessible for all sections of society breaking socio economic barriers

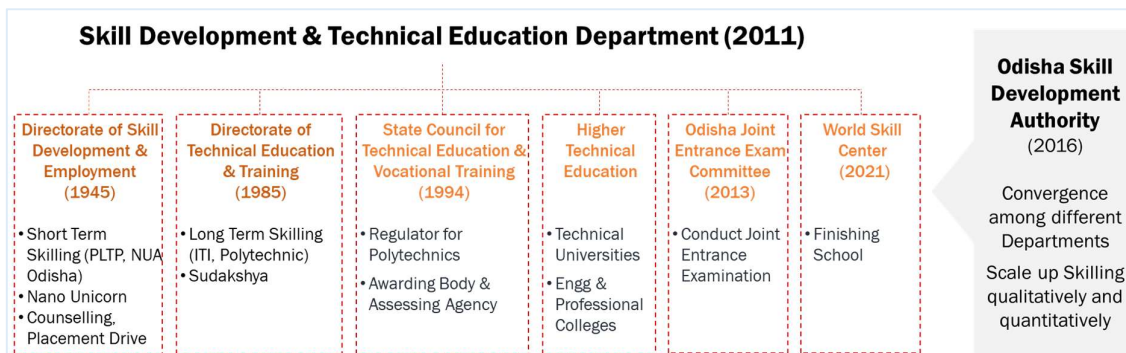
Equipping workforce with Emerging and Future Skills through robust skill development programmes that will cater to the need of industry

The Department through its Directorates and various establishments caters to the demand for skilled youths through a 4-tier structure comprising Short Term Skilling (300-600 hrs courses), Long Term Skilling (1yr – 3 yr. in ITI or Polytechnic), Higher Technical Education (BTech to PhD) and World Skill Centre (Advanced skilling and finishing school).

Under the umbrella of the Skilled-In-Odisha brand, several initiatives have been taken to establish a robust skilling eco-system. The year 2023-24 saw major consolidation of the efforts while trying to accelerate the pace to achieve the desired scale.

1.1. Administrative Structure

The Department functions through 2 major directorates and other organizations and bodies as outlined below:



a. Directorate of Skill Development & Employment:

Directorate of Skill Development & Employment (earlier known as Directorate of Employment) is the nodal directorate for short term skilling and employment. The Directorate primarily deals with all the short-term skilling programmes, employment exchanges, career guidance through Model Career Centres, organization of recruitment rallies, conduct of Block Level Counselling Camps, Placement Drives, etc.

The Directorate functions through the 30 District Skill Development Employment Offices in all the Districts and three Regional Assistant Directors of Skill Development & Employment. The short-term skilling programmes of the Directorate are offered through the 82 Skill Development/ Extension Centre and the 30 Model Career Centres operational in the State.

b. Directorate of Technical Education & Training (DTE&T), Odisha, Cuttack:

The Directorate of Technical Education and Training (DTE&T), Odisha, Cuttack is entrusted with implementation of various schemes and programmes for promotion of Technical Education and Training sector in the State. As the nodal agency for Long Term Skilling, the DTE&T is responsible for skilling requisite technical manpower through the Government ITIs and Polytechnics.

c. State Council for Technical Education and Vocational Training (SCTE&VT):

State Council for Technical Education & Vocational Training is the examining and certifying body of Diploma in the State. SCTE&VT affiliates and conducts examination, evaluation & publication of results. The main mission of SCTE&VT is to promote quality & innovation in technical education & vocational training and upgrade the technical institutes into Centres of Excellence through industry driven course curriculum. SCTE&VT Odisha is also an Awarding and Assessing Body duly recognized by the National Council for Vocational Education and Training (NCVET).

d. Higher Technical Education (Technical Universities, and Engineering and Professional Colleges):

There are three Government Technical Universities, viz., Biju Patnaik University of Technology (BPUT), Rourkela, Veer Surendra Sai University of Technology (VSSUT), Burla, Odisha University of Technology and Research (OUTR), Bhubaneswar, four Government Engineering Colleges and two Government Management Colleges functioning in the State.

e. Odisha Joint Entrance Examination (OJEE):

The Odisha Joint Entrance Examination (OJEE) was established to conduct common entrance examinations and manage the counselling process for admissions to various undergraduate and postgraduate professional courses in the State of Odisha. The OJEE is committed to providing a fair, transparent, and streamlined single-window admission process for these courses, utilizing state-of-the-art technology.

f. World Skill Centre (WSC):

The World Skill Center (WSC) in Bhubaneswar was established as a finishing school to provide advanced skill training to students from ITIs, polytechnics, +2 (any stream), and engineering backgrounds, preparing them for global placements. With ITEES Singapore as the knowledge partner, the WSC aims to enhance the overall skill development ecosystem in Odisha by offering integrated services through an entrepreneurship incubation center, a career counselling and placement center, a curriculum design and development center, and an education technology deployment center.

g. Odisha Skill Development Authority (OSDA):

To bring convergence amongst skill development training programmes being implemented by various Departments in the State and to scale up skilling activities both in quantitative and qualitative terms, the Odisha Skill Development Authority was established in 2016-17.

Primary objective of OSDA is to spearhead, steer, implement, coordinate, and oversee all skill development programmes executed in the State. It also works with an overarching mission to bring transformative human development through extensive skilling of youth and making Skilled-in-Odisha a global brand.

The Directorate of Skill Development and Employment serves as the secretariat of the Odisha Skill Development Authority.

EMPOWERING FUTURE OF ODISHA
SKILLING EXCELLENCE AND INNOVATIONS

- Pioneering Initiative**
1st state to provide free education for girls in ITIs and Polytechnics under **Sudakshya**
- Academic Innovation**
1st state to introduce a ranking system in **polytechnics**, revolutionizing assessment with **QCI**
- Global Collaboration**
Leading the way with a ground-breaking partnership with **ITEES Singapore** as a knowledge partner
- Credential Empowerment**
1st state with an innovative MoU with NIOS, ensuring **12th pass** certificates for ITI students
- Inclusive Skilling**
Unveiling Decentralized Skilling Programs in Districts under **NUA (Nutana Unnata Abhilasha) Odisha**
- Tech-Powered Skilling**
MoU with **NASSCOM** for **Digital Skilling** under **NUA Odisha**, propelling the state into the digital era
- Industry Engagement**
Over **1000 industry** leaders participated in the **Odisha Skill Conclave 2023**, fostering collaboration
- National Recognition**
DigiTech Award (Gold Category) by **The Economic Times**, acknowledging excellence in digital education
- Industry-Academia Synergy**
Establishment of 16 Centers of Excellence (CoEs) in collaboration with reputed industries
- Chief Minister's Employment Generation Programme (CMEGP)**
16.93 lakh youths have been trained since 2014-15 and further to scale up skilling activities under the program

SDTEOdisha

2. SHORT TERM SKILLING

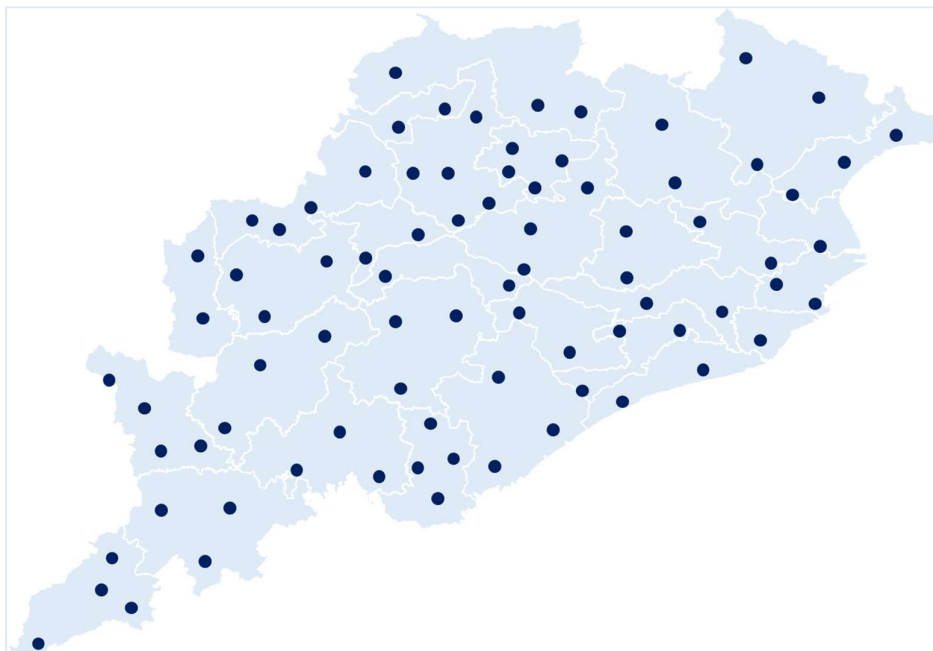
The Short-Term Skilling intervention encompasses shorter duration skill development programmes primarily between 300-600 hours of training offered through Programme Implementing Agencies (PIAs) in various Skill Development/Extension Centres across the State. The year 2023-24 saw a significant boost to the short-term skilling ecosystem in terms of introduction of NUA Odisha scheme, thrust on engaging reputed PIAs, diversifying course offerings. Emphasis was also on strengthening the Block Level Counselling Camps, Placement Drives and making the Model Career Centres vibrant.

The Directorate of Skill Development & Employment serves as the Nodal Directorate for all the short-term skilling interventions in the State under the SD&TE Department.

Restructuring of Odisha Employment Service Cadre

During FY 2023-24, the Odisha Employment Service Cadre was restructured as the Odisha Skill Development & Employment Service Cadre vide Odisha Gazette Notification No. 2027 dated 23.08.2023, and the District Employment Officers/Employment Officers were renamed as District Skill Development & Employment Officers (DSDEOs)/ Skill Development & Employment Officers (SDEOs).

The short-term skilling interventions are offered in the Skill Development/Extension Centres setup across the State with one-time capital support of Rs. 75 lakhs each. These Centres are leased out to PIAs for conducting the trainings.



Skill Development / Extension Centres across Odisha

2.1. Nutana Unnata Abhilasha (NUA) Odisha

NUA Odisha Scheme was approved and notified vide SDTE-SD-MISC-0005-2023/ 7355/SDTE dated 06.10.2023. The scheme aims to empower Odisha's youth with continuous skilling, reskilling, and up skilling opportunity. With a budget of **Rs. 385.00 crores for 3 years** i.e from FY 2023-24 to FY 2025-26, the scheme covers all 30 districts, prioritizing Aspirational, Tribal, and remote areas. The scheme works towards addressing scarcity of skilled human resources in emerging trades by offering high-quality training, fostering industry linkages, and enhancing employability skills and bridge gap in utilization of new-age technologies in traditional sectors (handicraft, handloom, agriculture), etc.

Training offerings range from fresh skilling for youths and supplementary courses to digital and e-courses for higher education students. The scheme includes establishing advanced labs, incentivizing training providers, curriculum development, and training of trainers. The scheme signifies the state's commitment to inclusive growth through skill development, aligning modern technologies with traditional sectors for a dynamic and sustainable future.

Summary of Projects Approved under NUA Odisha

Proposals	No of Projects	Total Target	Total Budget (in Rs)
State Proposals	29	25895	88,84,72,855
District Proposals	27	2560	10,34,26,046
Digital Skilling		1,00,000	5,00,00,000
Total	56	1,28,455	100,70,89,461.70

ASCI Agriculture Skill Council of India
Aquaculture, Ornamental Fish Farming

GAR AERO **BIRDSGROUP** Imagine. Innovate. Inspire!
Aviation Training in Airport Operations, Ground Handling (Hyderabad, Kochi)

CoE in AI, Blockchain, etc. for Engg Graduates

TATA STEEL
Industry based training of ITI & Polytechnic Faculty

GJSCI Tarakasi Jeweller, Jewellery Appraiser & Valuer

NAVIS HR™ NO BOUNDARIES
Japanese Language Training + Guaranteed Placement in Japan

COE IN AI, BLOCKCHAIN, ETC. FOR ENGG GRADUATES

PROFESSIONAL TRAINING CENTRE
Site Safety, Hydraulic & Pneumatic System, etc (Jamshedpur)

TRAINING OF TRAINERS

TRADITIONAL SECTOR

LANGUAGE TRAINING

COURSERA **CISCO** Networking Academy

MICROSOFT **AUTODESK**

Training of Jail Inmates in LED Luminary Assembly and Testing Technician

Training of PwDs in Data Entry Operator

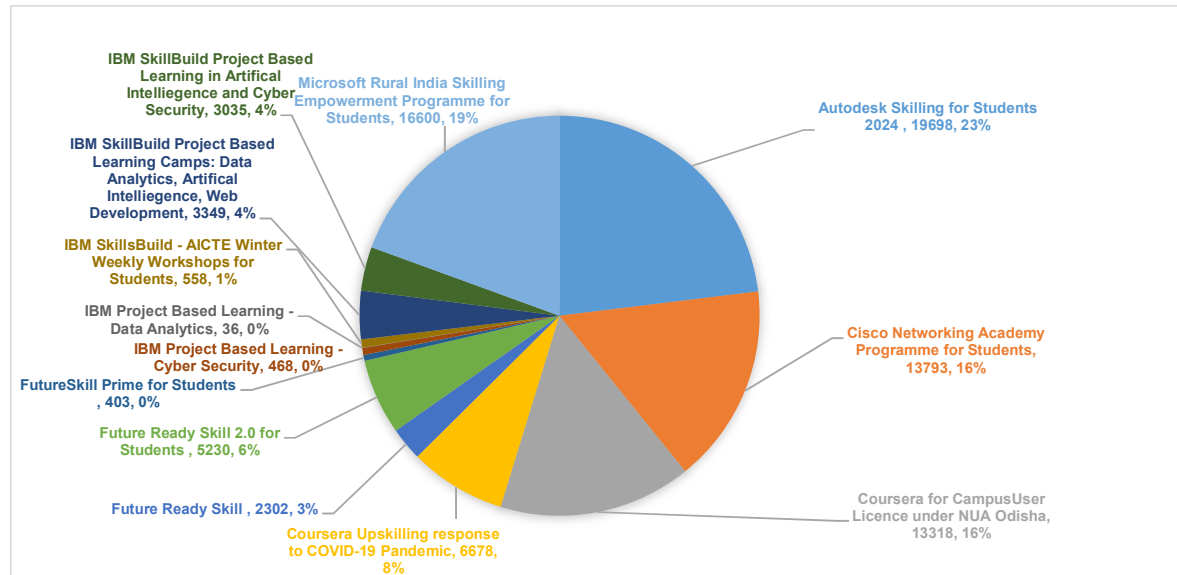
Digital Skilling - 10th Pass to PhD Holders

NUA Odisha District Skill Centre, Dhenkanal

Snapshot of Projects taken up under NUA Odisha

2.2. Digital Skilling Initiatives under NUA Odisha

Under the Digital Skilling initiative under NUA Odisha, 1,00,491 candidates have been trained in various courses offered by global players like Autodesk, CISCO, Coursera, SAP, IBM, and Microsoft.

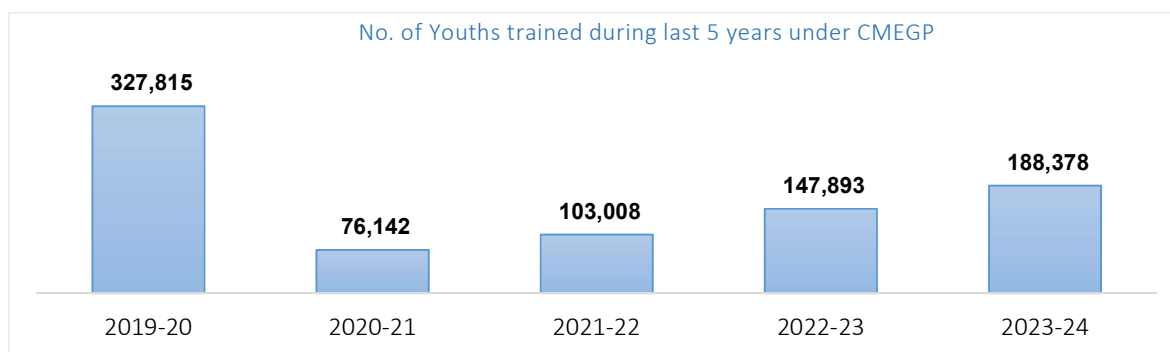


2.3. Decentralizing Skilling through District Skill Development Mission:

Establishment of District Skill Development Missions, led by District Collectors, marks a significant stride towards decentralizing skilling initiatives in Odisha. This approach aims to achieve convergence and expand the scale and outreach of skill development programs at the grassroots level. By tailoring training programs to align with the unique industries and demands of each district, this bottom-up approach enhances employability and empowers individuals and communities. By fostering localized solutions, this initiative not only addresses specific skill gaps but also catalyzes socio-economic growth, ultimately transforming the skill development landscape across the state.

2.4. Chief Minister's Employment Generation Programme (CMEGP):

Under the Chief Minister's Employment Generation Programme, 1,88,378 youths were trained during the year 2023-24. More than 10 departments are involved including the Panchayati Raj, ST&SC Development, Housing and Urban Development, Agriculture & Farmers' Empowerment, Handloom & Textiles, Commerce & Transport, Fisheries & ARD, Electronics & IT Department, Tourism, etc.

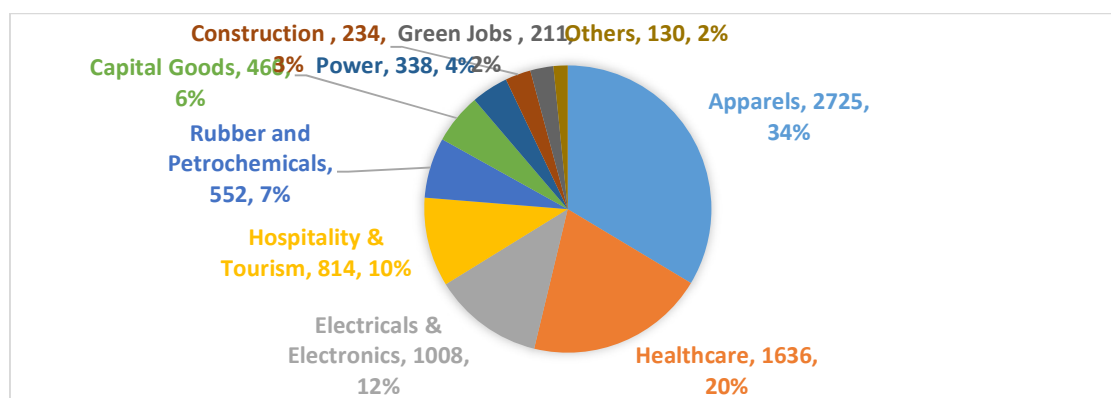


2.5.Placement Linked Training Program:

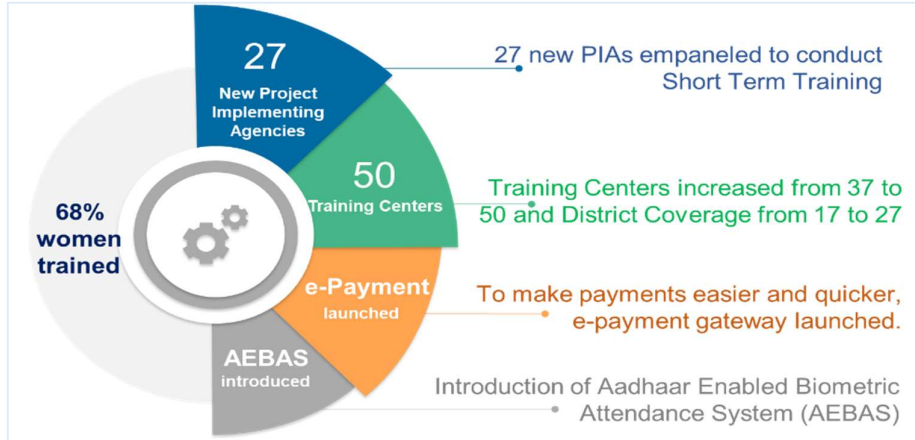
Placement Linked Training Program (PLTP) is being implemented since 2011-12 where training ranging from two to six months in industry relevant trade is provided to youths to enhance their employability with placement assurance. During FY 2023-24, 8,113 candidates have been trained in various trades by PIAs in different centres across the State.

Year	No. of PIAs	Achievement	
		Trained	Placed
2019-20	18	9,256	1,563
2020-21	15	3,115	1,499
2021-22	15	5,451	400
2022-23	23	10,399	1,334
2023-24	25	8,113	1,508

During the last three years, 23,963 candidates have been trained under PLTP. Women participation has increased from **39%** in 2021-22 to **68.5%** in 2023-24 in span of two years under PLTP program. Sector-wise candidates trained during FY 2023-24 is depicted in the below chart.



Sector Wise Candidates Trained under PLTP during 2023-24



PLTP Highlights of 2023-24

2.6.Skill Calendar

To ensure that the youth of Odisha have seamless access to a consolidated source of information about training programs, locations, and training partners is crucial for enhanced awareness and participation. The department introduced the **Skill Calendar – 2024** as a dynamic document regularly updated to reflect new planned/approved programs.



2.7.Model Career Centre (MCC)

The Model Career Centres (MCCs) has been set up as a hub of career counselling and provides career related services such as organizing job fairs, mobilize the employers, aware the job seekers the opportunities available based on their skills, area of interest and requirement. The Model Career Center (MCC) connects local youth and other job seekers with all possible/ available job opportunities in the vicinity.

Fifteen Model Career Centres have been set up in the fifteen District Employment Exchanges under National Career Service Scheme of Ministry of Labour and Employment, Government of India. The seven MCCs have been functioning in seven districts namely Sambalpur, Cuttack, Rourkela, Dhenkanal, Keonjhar, Koraput and Berhampur in the year 2018-19 and the rest eight MCCs have functioned in the eight districts namely Angul, Bhadrak, Rayagada, Jajpur, Balangir, Kalahandi, Subarnapur and Kandhamal in the year 2022-23.

Fifteen more Model Career Centres have been sanctioned by the Ministry of Labour and Employment, Government of India in the year 2022-23 and are going to be set up in the District Skill Development-cum-Employment Offices namely Nuapada, Jagatsinghpur, Baripada, Balasore, Kendrapara, Puri, Malkangiri, Khordha, Nabarangpur, Jharsuguda, Bargarh, Nayagarh, Deogarh, Boudh and Gajapati.

Apart from Job Fairs/ Placement Drives, Registration of Job Seekers, Employers, Local Service Providers, Individual Counselling, Group Counselling, Tagging Candidates to PIA and Placements, Career Talks / Webinars, Industry Visit, Institution Visit are being regularly conducted. During the FY 2023-24, 313 Block Level Counselling Camps organized, wherein, 44,484 candidates have been counselled out of which 19,307 applications received for Short Term Training, 16552 applications received for admission in ITIs & 8,441 for Polytechnics. Around 1,469 placement drives have been conducted and 5,321 candidates have joined/ placed in the different organizations inside and outside the state during the FY 2023-24.

2.8. Organization of Job Fair

A job fair is an event where multiple recruiters, hiring managers and employers meet with potential candidates for hiring in one-stop place. A total number of 46 job fairs were organized in 2023-24 in which 57,330 candidates participated. Out of which 25,868 candidates were short listed for placement and job offer letters were issued to them.

2.9. Recruitment Rallies for Defence Forces

The Recruitment Rallies are being conducted across India in different cities and parts of the country for recruiting candidates for the different posts in the Armed forces. Two Army Recruitment Rallies were conducted in Sambalpur and Balasore during the year 2023-24. A total number of 4,457 candidates participated in these two rallies out of which 241 candidates qualified for the written test.

2.10. Digital Initiatives

a. Go-skill Job Portal

The phase 1 of the Go-skill job portal was launched on 17th August 2023 with an aim to automate job drives as well as connect potential employers with employees. So far, the institutes are getting onboarded in a phased manner with the integration of the state

employment exchange data. In phase 2 the full functionality of integration with various portal will be enabled.

b. E-Payment Gateway:

The short-term skill development program was automated through the Common Database Portal that aims to bring in convergence in short-term Skill Development in the state. This year OSDA added E-payment Gateway an online payment processing between two parties', PIAs and Directorate of Skill Development & Employment under OSDA. The entire payment system is automated with Service Level Agreements built in the system that has a workflow-based system. E-payment system has been launched on 1st April 2022 keeping in view the following advantages:

- It provides complete visibility & transparency.
- It is secure & faster.
- It saves time & resources.
- It streamlines the process.
- It is easier & safer than the traditional paper-based work.

E-payment Gateway helps in streamlining the execution of the payments Lodging & Boarding cost, Training cost, Uniform cost & Assessment cost of trained trainees of PIAs under Placement Linked Training Programme of OSDA. Claims of Placement Linked Training Programme of empanelled PIAs under OSDA are being released seamlessly.


c. Employment Registration through e-Portal:

Keeping in view to make the public services more user friendly, online employment registration by Jobseekers / candidates in the Employment Exchanges has been launched on 15th October 2022 under State Reform Action Plan-2022. In this mechanism, the entire registration process starting from filling up application to issue of final registration certificate including verification of certificates has been made online to obviate the need of physical visit by jobseekers / candidates to Employment Exchanges. 3,55,258 registrants have registered their name in different qualifications in all the Employment exchanges of Odisha during the year 2023-24.

2.11. Nano Unicorn for promoting entrepreneurship:

The Nano Unicorn scheme, launched in 2023-24, is a transformative initiative aimed at nurturing entrepreneurship among Odisha's skilled youth. It empowers eligible candidates with entrepreneurial potential by providing them with a conducive environment to create livelihoods and generate employment opportunities.

Under the scheme, known as Nano Unicorns, participants receive a refundable seed funding of up to Rs. 1 lakh, repayable over three years. This financial support acts as a catalyst for their entrepreneurial journey, complemented by mentoring and a specially curated mini-MBA program.



With a target to support 1200 entrepreneurs between FY 2023-24 to 2025-26, the scheme underscores its commitment to fostering a vibrant ecosystem of entrepreneurship in the state. Originally piloted in 2017 with the aim of creating 100 Nano-Unicorns, its notable success has led to its expansion and scaling up, significantly impacting the entrepreneurial landscape of Odisha.

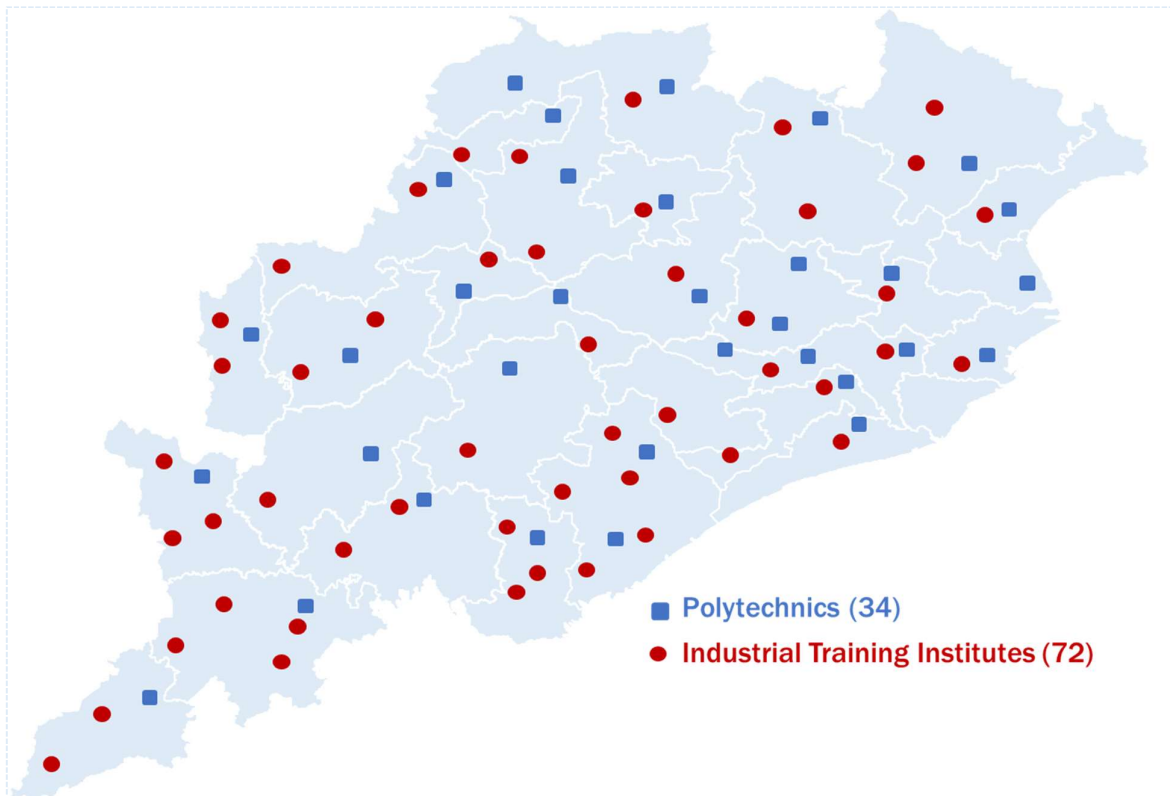
3. LONG TERM SKILLING

The Long-Term Skilling interventions comprise the skill courses offered through the Industrial Training Institutes and the Polytechnics. Course duration ranges from minimum 1 year in ITIs to 3 years in the Polytechnics. The year 2023-24 saw several initiatives being taken to improve the long-term skilling scenario in the state through setting up of new institutions, strengthening of existing infrastructure, improving industry connect, increasing enrolment of girls, etc.

The Directorate of Technical Education and Training serves as the Nodal Directorate for all the long-term skilling interventions through the Government ITIs and Polytechnics in the State under the SD&TE Department.

3.1. Institutional Network

With commissioning of 12 new Government ITIs during the year 2023-24, the number of ITIs in the State has increased to 72. All the 30 districts of Odisha are now served by Government ITIs affiliated to NCVT, New Delhi. The number of Government Polytechnics stood at 34 with one polytechnic in each of the district.



Long Term Skilling Institutions: Govt ITIs and Polytechnics across Odisha

3.2. Student's enrolment

Link has been established between High Schools and ITIs & Polytechnics through Career Counselling Campaigns in 20% of High Schools (on rotation basis) in each district every year including visit of 9th& 10th class students to ITIs & Polytechnics for their orientation for career building through TVET Sector.

The TVET institutes conducted Summer Camps for new aspirants. With a variety of team activities, trade visits, and motivational sessions, participants get a taste of what TVET sector has to offer and explore an interesting career path.

Government ITIs

- a. During 2023-24; total 65,916 students (23,203 in 72 Government ITIs against 23,512 seats + 42,713 in 418 Private ITIs against 60,164 seats) against total 83,676 seats notified have been enrolled online through Student's Academic Management System (SAMS).
- b. Vacancy in Government ITIs have been reduced from 38% during 2016-17 to 1% during 2023-24.

Government Polytechnics

- c. Similarly, total 49,430 students (9577 in 34 Government Polytechnics against 10,069 seats notified +39,361 in 126 Pvt Polytechnics against 46,732 seats notified) against total 56,801 seats notified have been enrolled online through Student's Academic Management System (SAMS) managed by OCAC, Bhubaneswar.

3.3. Sudakshya Scheme for improving enrolment of Girls:

The Sudakshya scheme, introduced by the Government in 2017-18, stands as a beacon of empowerment for girl students in Odisha, particularly in the realm of vocational education.

The impact of the scheme has been profound, with a remarkable increase in girls' enrolment in Government ITIs, soaring from a mere 6% in 2016-17 to an impressive 30% by 2023-24. Over 25,000 girl students, including approximately 10,500 from the ST/SC community, have benefited from the scheme to date. Notably, it has been a lifeline for young girls hailing from economically disadvantaged backgrounds, providing them with opportunities for upward mobility.

Recognizing the success and significance of the Sudakshya scheme in Govt. I.T.Is, the Government extended its purview to Government Polytechnics in 2023-24. This expansion heralded a new era of inclusivity, ensuring that girls could pursue technical education beyond ITIs. In Government Polytechnics, where the scheme was introduced last year, the enrolment of girls surged from 18% in 2022-23 to an impressive 33% in 2023-24. By breaking down barriers and creating pathways for girls to excel in vocational education, Sudakshya paves the way for a more equitable and prosperous future for Odisha.

3.4. Facilitating Mobility between Vocational Education and Formal Education: Senior Secondary Certificate for ITI Students:

This initiative facilitates eligible ITI students' enrolment enmasse with NIOS for Senior Secondary Certificate. The government covers all associated fees, alleviating financial strain on students. This allows students to earn a Senior Secondary Qualification (12th) alongside their NTC, unlocking pathways for higher education.

By enhancing the aspirational value of ITI courses, this initiative empowers students to pursue further academic and professional opportunities, enriching their educational journey and expanding their horizons.

3.5. Scholarship Schemes of SD &TE Department for ITI and Polytechnics:

SI No	Scholarship	Applicability	Benefits	Youths covered
1	Sudakshya Scheme	Girls studying in Govt. ITIs and Govt. Polytechnics	<ul style="list-style-type: none"> Hostellers- Rs.1500/-p.m. Day ScholarsRs.500/-p.m. Admission fees and assistance post diploma placement is also covered 	10299
2	Green Passage	Orphan students studying in Govt. ITIs and Govt. Polytechnics	<ul style="list-style-type: none"> Hostellers- Rs.2000/-p.m. Day Scholars-Rs.1000/-p.m. Admission fees are also covered 	173
3	Merit-cum-Poverty Stipend	For children of BPL Card holder studying in Govt. ITIs and Govt. Polytechnics	<ul style="list-style-type: none"> Rs. 200/- p.m. for Govt. ITI students Rs. 300/- p.m. for Govt. Polytechnic students 	1266
4	Merit Stipend	For students of Govt. ITIs only	<ul style="list-style-type: none"> Rs.250/- p.m. to one meritorious student per unit for each trade selected through written test at Institute level. 	590
5	Welfare Fund Scheme	For students of Govt. Polytechnics only	<ul style="list-style-type: none"> Financial assistance to Govt. Polytechnic student on death of his/her financing guardian. They will be entitled for reimbursement of tuition fee, development fee, exam fee, and allowance for books & study materials (@Rs.5,000/- per semester), conveyance(@Rs.6,000/- per semester) and boarding & lodging (@Rs.12,000/- for Boarders & @Rs.9,000/- for Day Scholars per semester). Study allowance to 100 Toppers of 	194

SI No	Scholarship	Applicability	Benefits	Youths covered
			<p>Economically Backward Meritorious Students of all six semesters (@Rs. 6000/- one time)</p> <ul style="list-style-type: none"> • Scholarship to 23 Girl Toppers (@Rs. 6000/- one time) • Scholarship to PwD (@Rs.6000 /- p.a.) <p>N.B. For eligibility in every case mentioned above, the income ceiling of parents / financial guardian of the student shall be Rs.6,00,000/- p.a. from all sources.</p>	

3.6.Strengthening Industry Connect

- CTTC, Bhubaneswar has been selected as Training Partner for operationalization & maintenance of the new Govt ITIs at Patnagarh in Bolangir and Athmallik in Angul districts operationalized during 2023-24 in Operate, Maintain and Transfer (OMT) model for improving employability of trainee’s enrolled w.e.f August 2024.
- To promote utility of green energy, the Off-GRID solar plants ranging from 10 to 20 KW have been established at 23 ITIs under World Bank assisted STRIVE program.
- Tata Power has signed MoUs with district level nodal ITIs for specialized & safety training of ITI trainees.

3.7.Venturing into new age trades

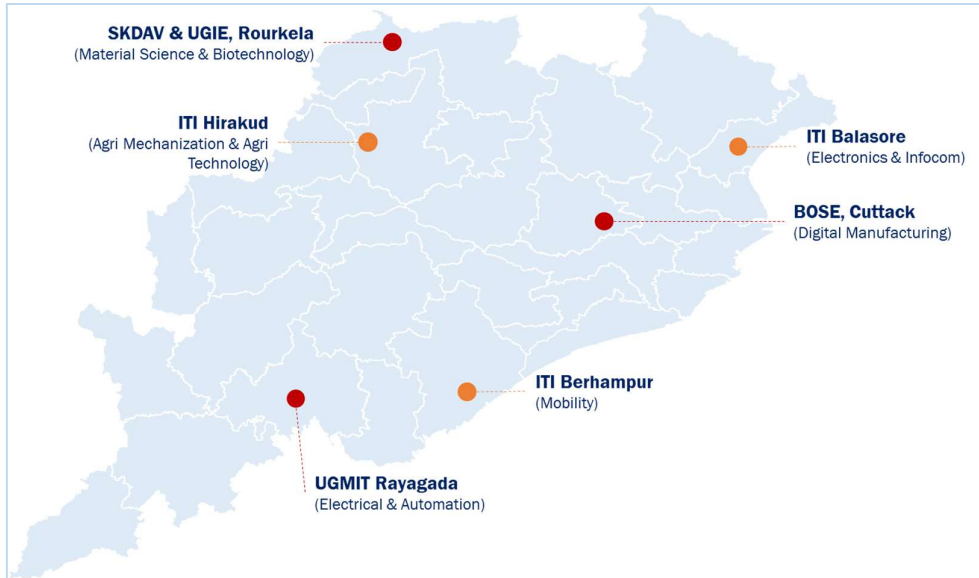
- The Internet of Things (IoT) and new age trades in Smart City, Smart Agriculture, Smart Health Care, Smart Phone Technician, Mechatronics Technician, Solar Technician, Additive Manufacturing/3D Printing, Drone Pilot/Technician, Inplant Logistics Assistant, Warehouse Technician, Advanced CNC Machining Technician, Mechanic e-Vehicle, Tech. Electronics System Design & Repair have been introduced at selected ITIs with NCVET affiliation.
- Robotics & Automation branch has been introduced at BOSE, Cuttack with AICTE approval.
- 18 Diploma programs of 15 Govt Polytechnics have NBA accreditation.

Illustrative list of New Age Courses offered in ITI and Polytechnics

- Additive Manufacturing Technician (3D Printing)
- Computer Engineer and IoT
- Drone Technician
- Electrician Power Distribution
- Internet of Things (Smart Agriculture)
- Internet of Things (Smart City)
- Remotely Piloted Aircraft (RPA)/Drone Pilot
- Robotics and Automation,
- Smartphone Technician Cum App Tester
- Smartphone Technician Cum App Tester

- Internet of Things (Smart Healthcare)
- Mechatronics
- Petrochemical Engineering
- Precision Engineering
- Solar Technician (Electrical)
- Technician Electronic system Design & repair
- Technician Mechatronics

3.8. Setting up of Iconic Institutions



6 Government Institutions vide Notification No. SDTE-PDE-II-Poly-0011-2024-2561/SDTE dated 12.03.2024. These institutions include Govt. ITI Balasore, Govt. ITI Berhampur, Govt. ITI Hirkud, BOSE-Cuttack, UGIE, Rourkela and SKDV, Rourkela as one cluster and UGMIT, Rayagada.

These Iconic Institutions shall have the following features:

- a. Focus on one Primary Sector considering their current expertise and priority.
- b. State-of-the-art infrastructure.
- c. International collaborations.
- d. Well-equipped labs in partnership with reputed partners.
- e. Vibrant campus with focus on research and innovation.
- f. Multi-skilling/ employability courses, etc.

3.9. Beyond Soft Skills

- a. Life Skill training has been extended to 70 ITIs through professional agency including deployment of Sports Change Leaders in 30 district level ITIs.
- b. Physical and mental well-being are as important to human life as livelihood. In a bid to promote the importance of Yoga and Meditation as a life skill, special programmes have been organized by ITIs.
- c. To foster a healthy spirit of competition and improving aspiration level of trainees and trainers of all Government and Private ITIs and Polytechnics as well as attracting

attention of society & intelligentsia towards technical education & skills, the three tier Polytechnic and ITI Fest 2023 has been conducted during 05th Feb to 8th Feb'2024 for 4 days at Kalinga Stadium, Bhubaneswar. About 1200 winner students of various Government and Private Polytechnics (Diploma Institutes) in 6 zones and 1800 winner trainees/staff of various Government and Private ITIs in 11 zones of the State have participated in various Athletic and Cultural Competitions at State Level.

3.10. Restructuring of Cadre and Recruitment

- a. The Odisha Technical Education and Training Service Rules 1985 has been repealed with formation of two separate cadre rules namely Odisha Government Polytechnic Teachers Service (Methods of Recruitment and Conditions of Service) Rules, 2024 and "Odisha Government ITI Trainers' Services (Methods of Recruitment and Conditions of Service) Rules, 2024."
- b. 192 ATOs newly recruited through OSSC, Bhubaneswar under the combined technical examination have been served with appointment letters out of which 174 have joined in Government ITIs. Indicative advertisement has been published by OSSC, Bhubaneswar for recruitment of 250 ATOs based on the provisions of newly framed OGITIT Service Rules 2024.
- c. To rectify the Pay Scale disparity between Laboratory Assistants in Government Polytechnics and their counterparts in other Departments Odisha Laboratory Assistant Cadre was restructured to enhance their pay scale from Rs. 5200 -20200/- +G. P of Rs.2400/-(Level -7 of ORSP Rules,2017) to Rs. 9300 -34800/-+G. P of Rs.4200 /-(Level -9 of ORSP Rules,2017).
- d. OPSC, Cuttack has been requested to go ahead with recruitment of 236 Lecturer as per the provisions of newly framed OGPTS Rule 2024.

3.11. Digitization of course contents of ITIs and Polytechnics

- a. The curriculum of 15 most popular trades of all 72 ITIs have been digitized into multimedia contents and made available to ITI trainees through Android App namely ODISKILLS. This covers around 87% of trainee's population in Govt ITIs.
- b. The digital contents and ODSKILLS App have been procured for Civil, Electrical and Mechanical engineering diploma branches of Government Polytechnics
- c. The ITIs and Polytechnics have been supported with 50 to 100 mbps internet lease line connectivity for online admission, training through digitized course contents, examinations, and certification with better internet facilities.
- d. ERP software solutions have been procured and in the process of commissioning at all ITIs, Polytechnics, Directorate and SCTE&VT.

3.12. Preparing Students for future life

- a. 3,778 ITI pass-outs with 13% girls and 3631 Diploma pass-outs with 43% girls have been placed during 2023-24 in major industries across the Country.
- b. Special coaching classes organized for SC students organized in partnership with OSFDC.

3.13. Budget Utilization

- a. Out of Rs. 84.37 crore provided for infrastructure development of Government Polytechnics, an amount of Rs. 71.61 core has been utilized. Similarly, out of Rs. 85.00 crore provided for infrastructure development of Government ITIs, an amount of Rs. 82.65 crore has been utilized towards civil works & procurement of goods.
- b. Out of Rs. 20.00 crore provided under World Bank assisted STRIVE program, an amount of Rs. 14.50 crore has been utilized and out of Rs. 3.00 crore provided under LWE scheme, an amount of Rs 0.66 crore has been utilized based on the releases made by DGT, New Delhi.

Ranking of Polytechnics

On 8th August 2023, 100 Government and Private Polytechnics of Odisha have been awarded ranks for 2021-22 through NABET / Quality Council of India, in which 6 Government Polytechnics and 4 of the Private Polytechnics have been placed in top 10 positions in the State.

4. HIGHER TECHNICAL EDUCATION

Three Government Technical Universities, four Government Engineering Colleges and two Government Management Colleges are functioning in the State are depicted below:



Higher technical and professional courses like B.Tech (4 years), MTech (2 years), MBA (2 years), MCA (3 years), B.CAT (4 years) in the field of Computer Sciences, Mechanical Sciences, Infrastructure of Infrastructure and planning, Electronics Sciences, Electrical Sciences, Basic Sciences and Humanities, Biotechnology, Textile Engineering, Cinematic Art and Technology Management, and many more trades are being offered through the institutions of Higher Technical Education. During FY 2023-24, around 5,870 candidates have been enrolled and out of which 1,533 are female, constituting 26% of the total admission. The detail is given below:

Sl. No.	Institution	No. of Candidates	Male	Female
1	VSSUT Burla	1,208	913	295
2	BPUT Rourkela	271	207	64
3	OUTR Bhubaneswar	1,403	978	425
4	PMEC Berhampur	770	589	181
5	GCE Kalahandi	274	217	57
6	GCE Keonjhar	533	420	113
7	IGIT Sarang	996	751	245
8	IMIT Cuttack	247	158	89
9	CIME Bhubaneswar	132	73	59
10	BPFTIO	36	31	5
Total		5,870	4,337	1,533

Candidates enrolled in Higher Technical Institutions during 2023-24

TRANSFORMATION OF HIGHER TECHNICAL EDUCATION



SDTE includes three esteemed Government Technical Universities – Biju Patnaik University of Technology (BPUT), Rourkela, Veer Surendra Sai University of Technology (VSSUT) Burla, and Odisha University of Technology and Research (OUTR) Bhubaneswar - serving as pillars of academic excellence in education and technology. The state's educational landscape is further enriched by four Government Engineering Colleges (PMEC Berhampur, GCE Kalahandi, GCE Keonjhar, IGIT Sarang), two Government Management Colleges (CIME in Bhubaneswar, IMIT in Cuttack), and the premium Biju Patnaik Film and Technical Institute Odisha (BPFTIO), dedicated to cultivating skills and talent in the cinematic and technical arts.

-  Set up of Centres of Excellence in Technical Universities and Engineering Colleges.
-  Introduction of Common Curriculum Structure and Synchronized Academic Calendar.
-  Cabinet approval for the upgradation of Odisha University of Technology and Research (OUTR) and the transformation of Veer Surendra Sai University of Technology (VSSUT) with ₹1,500.00 crore and ₹2,000.00 crore respectively.

These achievements stand as a testament to our commitment to fostering skill development and creating a dynamic future for the youth of Odisha.



4.1. Transformation of Technical Universities

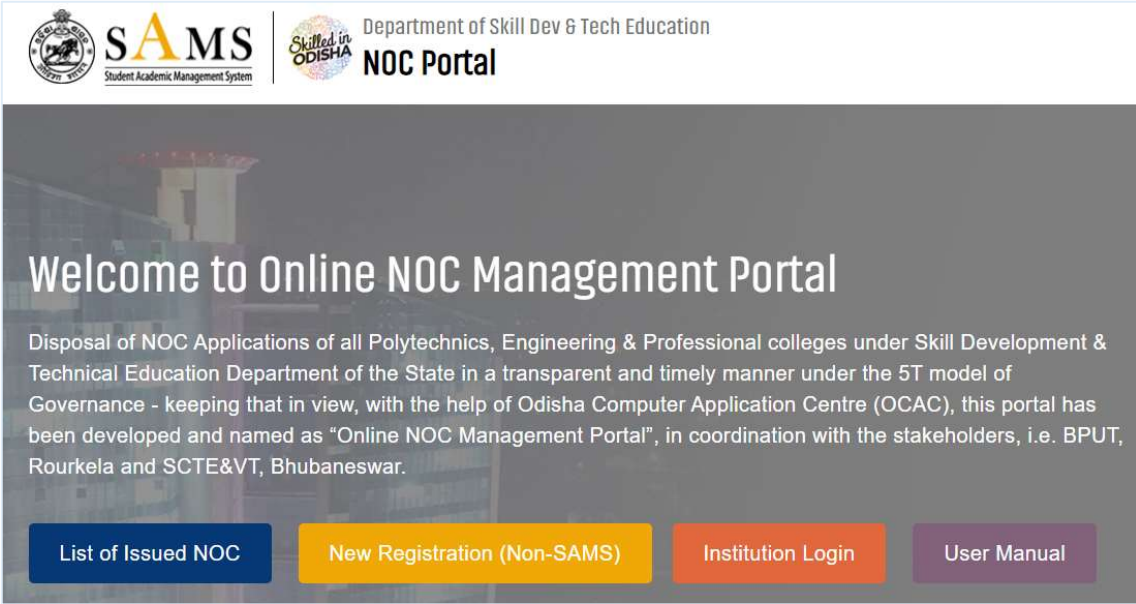
₹1,500.00 crore approved by Cabinet for upgradation of Odisha University of Technology and Research (OUTR) and ₹2,000.00 crore approved by Cabinet for transformation of Veer Surendra Sai University of Technology (VSSUT).

4.2. Common Curriculum Structure across Technical Universities

A standardized curriculum structure has been adopted across Technical Universities to ensure seamless horizontal and vertical mobility for students. This initiative helps smooth transition between programs and institutions. By harmonizing curriculum structures, students can easily navigate their academic pathways and pursue their educational goals with greater flexibility and clarity.

Online Portal for issuance of NOC to Engineering/ Professional / Diploma Institutions


Online portal has been launched for Engineering/ Professional / Diploma Institutions through which they can apply for NOC from State Government / University/ Council for establishment of new institutions /opening of new courses/ increase or reduction in intake capacity/ closure of courses or institutions to ensure delivery of such service in a hassle-free, transparent & timely manner.



Snapshot of NOC Management Portal (<https://skillnoc.samsodisha.gov.in>)

4.3. Major highlights during 2023-24

- a. Three Centre of Excellences (CoEs) at OUTR have been approved, as follows:
 - i. CoE on Digital Manufacturing (CDM) in partnership with Phillips India Ltd,
 - ii. CoE on AI and Robotics (CAIR) in partnership with NITKAL Japan and
 - iii. CoE on Centre of Design and Computational Skilling (CDCS) in partnership with ANSYS CADFEM
- b. To facilitate young entrepreneurs to showcase their ideas with seed funding support, an incubation centre named as OUTR-FINE (OUTR- Foundation for Innovation and Entrepreneurship) has been established.
- c. OUTR has filed 21 patents, participated/ facilitated in 54 conferences, published 54 journals in various platforms during 2023-24.

- 
- d. VSSUT, Burla has organized seventeen nos. of conference / Workshop / Seminar in the University, published 449 articles, 150 papers in conferences, 57 book chapters, and filed 19 patents.
 - e. 56 Journals and 42 no. of book chapters were published by various faculty members of P MEC, Berhampur and participated in 38 Conference. It has also filed 2 patents.
 - f. Recruitment of Principal and Faculty of Government Engineering Colleges have been initiated through Odisha Public Service Commission (OPSC).
 - g. Three Private Technical Universities namely DRIEMS, Cuttack; NIST, Berhampur; and Silicon University, Bhubaneswar have been approved.
 - h. Enactment of Recruitment Rules for appointment of Faculties in Government Engineering Colleges through OPSC.

5. WORLD SKILL CENTRE

The World Skill Centre (WSC), Bhubaneswar established in 2021 offers comprehensive support to a network of ITIs, enriching the skills and capacities of ITI graduates, polytechnics, engineering colleges, etc. Enhancements for ITIs include curriculum enrichment, improved training facilities, training and development for teachers and management, and facility upgrades funded by the state. This initiative maximizes project resources to introduce private sector operational efficiency, elevate the quality of skills training across the board, and synergize with other initiatives to meet the state's training objectives.

World Skill Center through a MoU with ITEES, Singapore provides international certification to the graduating students. This international certificate also provides global recognition to the courses and helps the students in fetching international placement offers. Further this also sets an international benchmarks in the assessment standards of the WSC.

5.1. Student Enrolment during 2023-24

During the year 2023-24, 2771 students were enrolled in 5 engineering streams and 2 services streams in the following courses:

- a. Facility Technology – Air Conditioning and Refrigeration
- b. Facility Technology – Mechanical and Electrical Services &
- c. Mechatronics
- d. Electrical Technology
- e. Facility Technology – Vertical Transportation
- f. Beauty Wellness & Spa
- g. Hair & Fashion Design

Out of these 959 students of 1st three batches have been graduated as on date. Out of the graduating students all willing students got placed in various reputed companies from campus through the placement cell of WSC.

More than 90% have been placed from the campus in companies like Tata, Arcelor Mittal, Jindal Poly, IHCL. 70 candidates secured overseas placements in Dubai and Singapore.

5.2. Setting up of Advanced Labs for Skilling

With addition of 4 niche labs in Vertical Transportation during the year, the total number of labs in the WSC has increased to 43. These state-of-the-art labs have all the latest equipment and offer an authenticated environment for skilling. Details of the Labs in WSC is given below:

Course name	Labs	Classrooms
Air Conditioning & Refrigeration	6	1
Mechanical & Electrical Services	6	1
Beauty Wellness & Spa	5	2

Course name	Labs	Classrooms
Hair Fashion & Design	4	2
Electrical Technology	7	2
Vertical Transportation	4	1
Mechatronics	9	1
Information Tech (IT)	2	-
Grand Total	43	10

5.3. Training of Trainers

As on date 861 trainers from ITI/Polytechnic have been trained in various technical short courses in SoE under Hub-Spoke model and short courses have been conducted for 601 participants which fetched Rs 9.48 Lakh revenue for WSC. Under WSC Academy, 761 trainers from ITI/Poly have been trained in TVET Pedagogy, 766 have been trained in TVET Assessment, 54 in TVET Curriculum design & 86 in advance TVET pedagogy.

5.4. Training of Trainers under WSC Academy

Under Hub-Spoke arrangement, WSC Academy imparts life skills training for all the students who enroll in WSC in different course under SoE & SoS. Apart from this, WSC Academy conducts ToT programs in TVET Pedagogy, Assessment, Curriculum design etc. for our trainers at Government ITI and Polytechnic. This is to ensure a standard methodology for training to happen across the state and to have a standard assessment. WSC Academy has conducted these courses for 1804 trainers from ITI & Polytechnic.

5.5. Entrepreneurship Development

- a. Under the Swakalpa programme, 9,184 participants were trained and certified in 100-hour entrepreneurship program out of which 412 have already set up their enterprise in various parts of the state.
- b. Customized training in Odia bridal make-up, Mutual fund distributor and Accounts Assistant courses has been completed for the members of SHG and other girls to help them to migrate from SHG to SME.
- c. One extension center for training cum production center the members of SHG in bakery has been established at Cuttack.

5.6. International Engagements

- a. WSC as International Career Center (ICC): WSC has been recognised by Ministry of External Affairs (MEA) Government of India as a recruiting agency for overseas placement of Odia youths.
- b. Two batches comprising 48 students completed 6-month long paid internship in various reputed companies in Singapore.

- c. Three batches comprising 120 students underwent 2-week long Student Exchange Programme in Singapore. The objective was to create opportunities for students to gain global exposure and perspectives, including learning of new skills, to enrich and enhance their learning experiences in becoming skilled professionals.

5.7. Odisha Skill Competition

Conducted the Odisha Skills Competition from 12th to 15th March in 45 different skills as the organiser. For the 1st time, competitions in 16 skills were conducted at WSC.

5.8. Other Highlights

- a. Short Courses for Girls & Women under CSR grant: WSC conducted training of 3 batches during 2023-24 in two courses viz. Mutual Fund Distributor and Accounts Assistant under a CSR funded programme.
- b. Recognition of Prior Learning (RPL): Under the RPL programme, 15,039 candidates were certified in various trades by the Sector Skill Councils.
- c. WSC hosted many eminent visitors from India and abroad starting from Policy makers, senior Bureaucrats, Eminent Business heads, students, and many other stakeholders.

6. SKILL CONCLAVE/SUMMIT

6.1. Odisha Skill Conclave 2023

- a. Organized in April 2023, saw participation of more than 1000 industry leaders representing national and international companies, 100 thought leaders with diverse sectoral experience, and over 2000 student participants, including a contingent from Singapore.
- b. 24 MoUs signed with reputed industries during the Conclave.

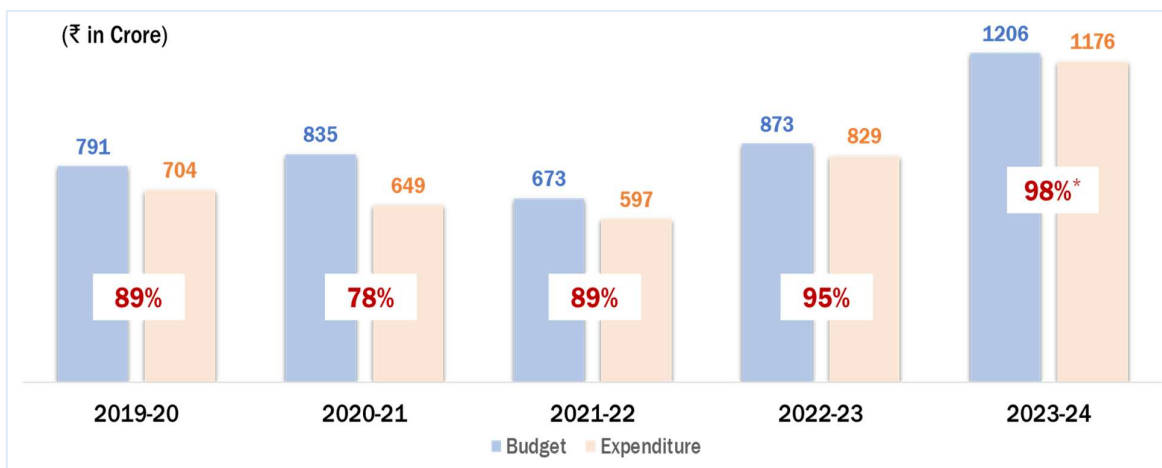
6.2. NUA Odisha Growth & Employment Summit:

- a. NUA Odisha Growth & Employment Summit organised during 19th -20th February 2024 at Bhubaneswar saw participation of Delegates from across the country and abroad from diverse sectors like IT, FMCG, Logistic & Supply Chain, Auto, Apparel, Services etc.
- b. 13 MoUs signed during the Summit with reputed organizations viz. Microsoft Corporation (India) Pvt Ltd., Infosys Limited, Indian School of Business, TATA Community Initiatives Trust, Kaynes Semiconductor Pvt. Ltd., Logistic Sector Skill Council, Philips Machine Tools India Pvt Ltd. etc.

7. BUDGET & EXPENDITURE

7.1. Budget & Expenditure during last 5 years

There has been a steady rise in the budget allocated to the Department reflecting the commitment of the Government towards skill development. There has also been an increase in the expenditure pattern with 98% expenditure in 2023-24 in comparison to 78% in 2021-22. Trend of last 5 years is given below:

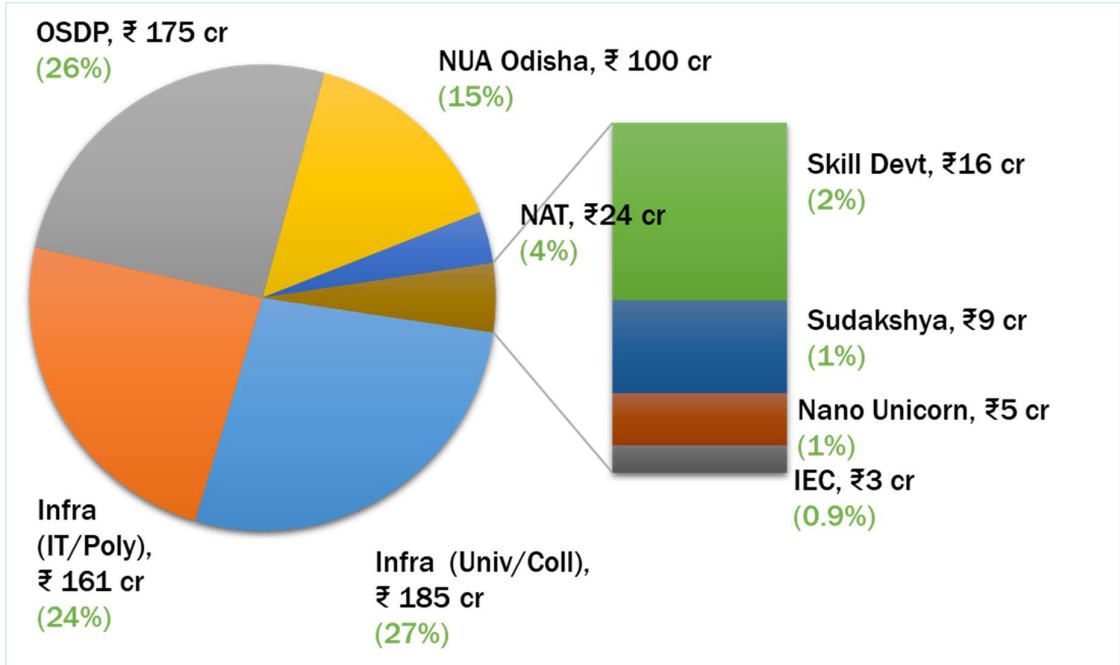


7.2. Budget Highlights of 2023-24

Out of the total allocation of Rs. 1206.08 crores during 2023-24 an expenditure of Rs. 1176.33 was made i.e. 98%. (the gap of 2% was on account of Centrally Sponsored Schemes) Under the State Sector Scheme out of budgetary allocation of Rs. 688.94 crores, an expenditure of Rs. 684.05 was made which is about 99% of the allocation. The increase in the expenditure pattern is a result of various efforts taken for timely expenditure of allocated budget.

Component	Budget (₹ in Crore)	Expenditure (₹ in Crore)
State Sector Scheme	688.94	684.05
Centrally Sponsored Scheme	32.26	16.42
Central Sector Scheme	0.41	0.35
Administrative Expenditure	484.47	475.51
Total	1206.08	1176.33

7.3. Major Scheme Wise allocation of Budget during 2023-24


























8. AWARDS & RECOGNITION

Institutional Recognitions received during the year:

 <p>'DIGITALL - Digital Skilling for All' initiative won the DigiTech Award (Gold Category) by the Economic Times</p>	 <p>OSDA recognized as Premier Partner by ITEES Singapore</p>	 <p>Waste-to-Wealth Initiative of ITI Berhampur, earns laurels at national and international level.</p>
 <p>Academic Excellence Award to BPUT by Outlook Business</p>	 <p>BOSE, Cuttack completes 100 years!</p>	 <p>BPFTIO, Cuttack completes 25 years!</p>

Awards & Recognition received by Students during the year:

 <p>8 students of VSSUT participated in CANSAT India finals organized by ISRO IN-SPACE and Astronautical Society of India</p>	<table border="0"> <tr> <td data-bbox="704 1003 797 1119">  <p>P. KUMARI Electronic Mechanic (Govt. ITI Berhampur)</p> </td> <td data-bbox="813 1003 943 1119">  <p>ANURAG MICHEL Additive Manufacturing Technician 3D Printing (Govt. ITI Berhampur)</p> </td> <td data-bbox="959 1003 1078 1119">  <p>AKASH BODAIK Solar Technician (Govt. ITI Rourkela)</p> </td> </tr> <tr> <td data-bbox="704 1140 797 1255">  <p>DALI ROUT Mechanic Motor Vehicle (Govt. ITI, Khairata)</p> </td> <td data-bbox="813 1140 943 1255">  <p>SANCEETA PRADHAN Plumber (Government ITI Phulbani)</p> </td> <td data-bbox="959 1140 1078 1255">  <p>PREETAM DAS Plumber (Government ITI, Balasore)</p> </td> </tr> </table> <p>6 of our ITI students as Trade Toppers at National Level</p>	 <p>P. KUMARI Electronic Mechanic (Govt. ITI Berhampur)</p>	 <p>ANURAG MICHEL Additive Manufacturing Technician 3D Printing (Govt. ITI Berhampur)</p>	 <p>AKASH BODAIK Solar Technician (Govt. ITI Rourkela)</p>	 <p>DALI ROUT Mechanic Motor Vehicle (Govt. ITI, Khairata)</p>	 <p>SANCEETA PRADHAN Plumber (Government ITI Phulbani)</p>	 <p>PREETAM DAS Plumber (Government ITI, Balasore)</p>	  <p>6 alumni of BPFTIO involved in Chandrayan 3 & Aditya L1 Mission</p>
 <p>P. KUMARI Electronic Mechanic (Govt. ITI Berhampur)</p>	 <p>ANURAG MICHEL Additive Manufacturing Technician 3D Printing (Govt. ITI Berhampur)</p>	 <p>AKASH BODAIK Solar Technician (Govt. ITI Rourkela)</p>						
 <p>DALI ROUT Mechanic Motor Vehicle (Govt. ITI, Khairata)</p>	 <p>SANCEETA PRADHAN Plumber (Government ITI Phulbani)</p>	 <p>PREETAM DAS Plumber (Government ITI, Balasore)</p>						
 <p>Priyanka Priyadarsini Singh Research Scholar VSSUT, selected to attend 73rd Lindau Nobel Laureate meeting at Germany</p>	 <p>Anup Paikaray, OTR to participate in Boston Immersion Programme at Northeastern University, USA</p>							

BRIEF NOTE ON THE BUDGET ESTIMATE FOR THE YEAR 2024-25

ABSTRACT

Rs. in lakh

Sl. No.	Scheme Details	Resource	Budget Provision 2022-23	RE 2022-23	Actual Expenditure 2022-23 (upto 31.03.2023)	Budget Provision 2023-24	RE 2023-24	Actual Expenditure 2023-24 (upto 31.03.2024)	Budget provision 2024-25
1	2	3	4	5	6	7	8	9	10
1	State Sector Scheme	SSS	33600	38261	26728.4	49000	68894.11	68405.17	102500
2	Centrally Sponsored Scheme	CSS	2196.4	2573.6	125.32	2100	3226.08	1642.2	2490.34
3	Central Sector	CS	55.51	55.51	29.23	41.08	41.08	34.56	42.31
4	Administrative Expenditure	EOM	45217	46456	33777.7	47485	48446.75	47551	53243.38
Total			81068	87347	60660.67	98626	120608	117632.93	158276.03

Detail Breakdown

STATE SECTOR SCHEMES (SSS)

1	3737- L&E-NUA Odisha (Nutana Unnata Abhilasha)	SSS				10000	10000	10000	15000
2	2857- Technical Education- Infrastructure Development of Technological Universities/ Engg. Colleges	SSS	6500	6500	4104.93	8500.01	18500	18500	8600
3	3826- Transformation of VSSUT, Burla	SSS							12229
4	3827- Transformation of OTR, BBSR	SSS							10000
5	2858-Technical Education- Infrastructure Development of Engg.	SSS	5000	7200	4097.87	7000	7552.3	7531.3	9000

	Schools/ Polytechnics								
6	2466- L&E- Infrastructure Development of ITIs(37199)	SSS	8700	8700	6462.57	8600	8600	8594.28	10000
7	2466- Infra. Up- gradation of I.T.I (18062)	SSS							700
8	0951- L &E- Craftsment Training – Skill Development of youth through ITIs. (NAT)	SSS	2621.25	2621.26	1526.06	2579.32	2879.29	2425.54	0
9	3830- Integrated Programme for improvement of I.T.Is (old name NAT)	SSS							3270.03
10	3830- Integrated Programme for ITI (SUDAKSHYA)	SSS							1000
	3246- Estt. Of								
11	exclusive campus for Higher learning programme by CIPET- State Contribution .	SSS	0.01	0.01	0	0.01	0.01	0	0.01
12	2937- L &E- Employment Service- OSDP Assisted by ADB.	SSS					17500	17500	20000
		EAP	10000	10000	10000	10000	0	0	0
13	0182- L &E- Employment Service- Construction of Building	SSS	71	71	0	51	51	50.94	200
14	1822-L &E- Odisha State Self Employment Mission/ 3194- OSDA	SSS	84.23	2545.5	84.23	1646.16	1646.16	1646.16	6064.93

15	2035-Technical Education- Improving employable skill through Polytechnics	SSS	573.51	573.51	426.16	573.51	573.51	565.13	770.02
16	2035- Improving employable skill through Polytechnics (SUDAKSHYA)	SSS					861.84	861.58	1000
17	0708-Technical Education- Information, Education, Communication,(IEC)	SSS	50	50	26.59	50	255	255.24	270
18	2230-02-101-3794- NANO Unicorn	SSS					475	475	452
19	2230-02-800-3828- CM Aspire (New Umbrella scheme)	SSS							3100
20	2203-03-003-0951- NAT-Poly Apprenticeship (New Scheme)	SSS							144
21	3829- Public-Private Partneship (PPP), I.T.I	SSS							500
22	2783- Establishment of PMU, DTET Office	SSS							100
23	2788- Establishment of Central Placemete Cell, BBSR / Cuttack	SSS							100
Total (SSS)			33600	38261	26728.4	49000	68894.11	68405.17	102500

CENTRALLY SPONSORED SCHEME (CSS):									
24	3544- L&E- Craftsman Training under Skill Development Mission/PMKVY – STRIVE & Others	CSS	1000.07	1000.07	82.01	1000.06	2000	1450	1900
25	3545-L&E- Craftsman Training under Skill Development Mission/PMKVY- Skill Development of youth in LWE affected Districts- Strengthening ITIs	CSS	300	300	0	300	300	66.02	0.03
26	2936-Technical Education- RUSA	CSS	438.25	438.25	0	138.54	138.5	0	0.11
27	3543- L&E- Employment Service- Establishment of Model Career Center /National Career Service Project for Interlinking of Employment Exchange.	CSS	44.1	173.54	43.31	233.4	233.4	0	363.98
28	3392- L &E- Employment Service- craftsman training- SANKALPA (Skill Acquisition & Knowledge Awareness for Livelihood Promotion) Project World Bank-EAP	EAP	256.97	504.72	0	378	504.18	126.18	226.18
29	2935-Skill Development Mission	CSS							0.03

30	3647- L&E- Craftsman Training under Skill Development Mission/PMKVY - NAPS (National Apprenticeship Promotion Scheme)	CSS	157	157	0	50	50	0	0.01
Total (CSS)			2196.4	2573.6	125.32	2100	3226.08	1642.2	2490.34
CENTRAL SECTOR (CS):									
30	1279- Technical Education- Research & Training- OSME- Keonjhar (Teaching of MCL staff students)	CS	55.51	55.51	29.23	41.08	41.08	34.56	42.31
Total Programme Expenditure			35852	40890	26883	51141	72161.3	70081.9	105032.65
Administrative Expenditure			45217	46456	33777.7	47485	48446.75	47551	53243.38
Total			81068	87347	60660.67	98626	120608	117632.93	158276.03

Brief notes on Scheme wise justification for Demand of Grants under Programme Expenditure:

1. World Skill Centre: The World Skill Centre has been operationalised at Bhubaneswar as a mega finishing School with ITEES, Singapore being the training partner with an objective to provide high end skill training to youth and create an opportunity for the youth to make them a formidable skill work force of the World. Around 95% of students graduated from World Skill Centre have been provided placement in various sectors along with 25% placement across the globe. For infrastructure development, installation of tools and equipment, training, and other operational requirement of WSC, total amount of **Rs. 200.00 Crore** has been proposed in the Budget for the F.Y. 2024-25.

2. Placement Linked Training Programme (PLTP): The guiding principle of all skilling training programme in the state is to create “Skilled-in-Odisha” brand across the globe. A training programme named as “Placement Linked Training Programme (PLTP)” is conducted by Odisha Skill Development Authority (OSDA) with minimum placement assurance of 70%, since 2011-12 in association with credible Training Partners, 34 Skill Development Centers (SDC) and 48 Skill Development Extension Centers (SDEC) in the campus of each Govt. ITIs and Polytechnics are functioning in the State. Construction of 78 SDCs / SDECs have been completed and commissioned so far and rest 4 Nos. shall be commissioned by end of this financial year. Under this Scheme, **Rs. 60.64 Crore** is proposed in the Budget Estimate for F.Y. 2024-25.

3. Nano-Uncorn: The Government of Odisha in SD&TE Department has formulated a new scheme named Nano-Uncorn from the F.Y. 2023-24 to promote entrepreneurship at grassroots level. The programme aims to identify youth with entrepreneurship potential and provide them the right environment to generate livelihood for themselves through self-employment and create jobs for at least one or more additional individuals. Odisha Skill Development Authority (OSDA) will act as the nodal point for selecting, training, mentoring the new entrepreneurs and channelizing philanthropic support by way of risk capital for the Unicorns. Under this scheme the selected Unicorns will be provided with refundable Loan assistance of maximum of Rs 1,00,000/- (Rupees One Lakh) only with rate of interest-0% for 1st year, 4% for 2nd year and 8% for 3rd year. The loan will be recoverable within three years. Under this scheme, 1200 Nano Unicorns will be created in three years. An amount of **Rs. 4.50 Crores** has been proposed in the budget for the F.Y. 2024-25.

4. Nutana Unnata Abhilasha (NUA) Odisha: NUA Odisha is being implemented by SD&TE Department from the Financial Year 2023-24. The scheme aims to address scarcity of skilled human resources in emerging trades by offering high-quality training, fostering industry linkages, and enhancing employability skills and bridge gap in utilization of new-age technologies in traditional sectors (handicraft, handloom, agriculture), etc. The scheme

signifies the state's commitment to inclusive growth through skill development, aligning modern technologies with traditional sectors for a dynamic and sustainable future. For the F.Y. 2024-25, a budget of **Rs.150 crore** has been proposed under this Scheme.

5. CM-Aspire: To enhance the aspirational value of skilling a new Umbrella Scheme named as "CM-Aspire" comprising of seven components is proposed during the Financial Year 2024-25 viz. (i) NUA Nijukti- For connecting youth with employment opportunities, fostering informed career choices, and facilitating seamless employer-employee connections. (ii) Enhancing Employability of Students in I.T.I. & Polytechnics - to provide employable skill training, (iii) Senior Secondary Certificate for ITI Students - to earn a Senior Secondary Qualification (12 th class) along with the National Trade Certificate (NTC) inter-alia opening avenues for ITI students to pursue higher learning, (iv) Odisha Overseas Fellowship Programme for Skilled-in-Odisha Students - to provide Financial assistance to meritorious Engineering students to pursue post graduate courses (Masters, Ph. D and Post-Doctoral Research) in reputed universities across the world (v) Research Fellowship for Technical Universities – to promote academic research and innovation across diverse disciplines and provide ample support to scholars and researchers from Technical Universities in Odisha (vi) Innovate-In-Odisha programme – to foster innovation culture, stimulate start-up growth, contribute to the overall socio-economic development of the state, positioning Odisha as a hub for technological advancements and entrepreneurial excellence (vii) Mukhyamantri Dakshyata Puraskar – to recognize, promote and reward the exemplary efforts and outstanding contributions and achievements in the field of skill development. A sum of **Rs.31.00 Crore** has been proposed in the budget of F.Y. 2024-25 for implementation of this scheme.

6. Sudakshya: In Govt. I.T.I.s, 30% seats are reserved for girl students. But it was seen that during the year 2016-17 only 6% girl students were enrolled in Government I.T.I.s. To encourage the girl students for getting the admission into Govt. I.T.I.s, "Sudakshya" Scheme was implemented as a pilot scheme for two years during the year 2017-18 & 2018-19 and subsequently extended for one year for achieving the target of at least 30% girl's enrolment in Government I.T.I.s with a roadmap. And subsequently, it was converted to a permanent Scheme. Under the Scheme, admission fee, maintenance allowance, hostel seat rent are being reimbursed by the Government. By introduction of the Scheme, girls' enrolment in Govt. I.T.I.s is increased from 6% during 2016 -17 to 22.39% during 2022-23 and now it is increased to 31% in 2023-24.

Similarly, in Polytechnic Sector, girls' enrolment was not encouraging. Only 16% girls (1345) were enrolled during 2021-22, 18% girls have been enrolled during 2022-23 despite 30% reservation for girl students. By seeing the success in I.T.I., the scheme has been extended to girl students in Govt. Polytechnics in 2023-24, which has also resulted increase in girl students' enrolment in Govt. Polytechnic to 35% during the FY 2024-25. An amount of

Rs.20.00 Crore (Rs. 10.00 Crore for I.T.I. and Rs. 10.00 Crore for Polytechnics) under Sudakshya Scheme is proposed in the budget for the F.Y. 2024-25.

7. **Green Passage Programme:** has been newly introduced by SD& TE Department in the Financial Year 2023-24 . The objective of the scheme is to help the orphans for pursuing in Govt. ITIs and Govt. Polytechnics. Under the Scheme, tuition fee, application fee, hostel seat rent, library charges, examination fee for the orphan students admitted in Govt. ITIs and Polytechnics is free. Besides this monthly maintenance allowance of Rs. 2000/- to hosteller students and Rs. 1,000/- to day scholar students is paid by the Govt. On account of this, an amount of Rs. 30.00 lakhs have been proposed in the Budget for the F.Y. 2004-25.

8. **Stipend for Apprentices in Govt. ITIs and Polytechnics:** Apprenticeship Training has been globally recognized as an important mechanism which converts the semiskilled hands (Polytechnics/ ITI pass outs) to skilled ones (skilled professionals) which is necessary for a decent employment or self-employment. In view of the above, two new schemes named as “Engagement of Diploma (Technician) Apprentices” and “Engagement of (ITI) Apprentices” are proposed during the F.Y. 2024-25. The main objective is to produce industry ready skilled manpower and self-employed youth. On account of this, Budget of **Rs. 3.28 Crore** has been proposed for the FY 2024-25, towards stipend of apprentices.

9. **Infrastructure development of Government Technical Universities and Engineering Colleges:** Government has taken up transformation of Odisha University of Technology and Research (OUTR), Bhubaneswar and Veer Surendra Sai University of Technology (VSSUT), Burla to World class Universities. Under this scheme, all round development of universities like infrastructure, modern facilities, digital ecosystems, sophisticated laboratory, interactive smart class rooms etc. shall be created for high end research driven education. Project cost of OUTR and VSSUT are Rs. 1500.00 Cr and Rs. 2000.00 Cr respectively and the project will be completed within five years. On account of this a budget estimate of Rs. 222.29 Crores has been proposed in the budget for the F.Y. 2024-25 in this respect. In addition to this an amount of Rs. 86.00 Cr have been proposed for infrastructure development of Government Engineering Colleges for the F.Y. 2024-25.

10. **Infrastructure development of Government Polytechnics and ITIs:** The Government has taken up many initiatives for modernization of Govt. Polytechnics and ITIs keeping in view standards prescribed by AICTE/ DGT. For creation of modern infrastructure like smart classroom, advance laboratory, computer centres, setting up new ITI and Polytechnics buildings as well as procurement of tools and equipment, a budget of Rs. 197.00 Cr (Rs. 90.00 Cr– Polytechnics + Rs. 107.00 Cr– ITIs) has been proposed in the budget for the F.Y. 2024-25.

11. 3544-PMKVY-Skills Strengthening for Industrial Value Enhancement (STRIVE) (CSS-100% central)- (Rs.19.00 cr):

Objective of this scheme is to improve relevance and efficiency of skills training provided through ITIs and Industry Clusters. Rs.1900.00 lakhs has been proposed for the FY 2024-25 to improve relevance and efficiency of skills training provided through ITIs and Industry Clusters. This is 100% Centrally funded by MSDE / DGT, New Delhi. It has 03 Result Areas tagged with various Target Key Performance Indicators with signing of Tripartite Performance based Grant Agreement between State Government, Institute Management Committee of selected ITIs and Central Government. Under this scheme infrastructure development of ITIs are taken up.

12. 3543-Employment Service -Model Career Centre-(100% Central) (Rs.363.98 Lakhs):

The National Career Service (NCS) project envisaged setting up of Model Career Centres (MCCs) in collaboration with various States/UTs. So far, under this scheme Odisha has 15 numbers of functional Model Career centres located in 15 District Skill Development & Employment Offices & 15 more will be functional shortly.

The Central Government has been extending one time grant-in-aid up-to Rs.60 lakh for establishment of each new MCCs as per the revised Guidelines issued to States/UTs on 16th March, 2022. This financial assistance can be utilized for infrastructure like electrical and electronic equipment, furniture, IT Hardware as well as minor civil works. It is a 100 % centrally funded scheme.

The objective of a Model Career Centre is to link the youth with jobs and career opportunities through counselling and training. A Model Career Centre assists job seekers with all employment-related information ranging from career counselling to apprenticeship and job opportunities, through self-assessments & insights, thereby helping them make the right career choices. It acts as a platform for all stakeholders i.e. Employers, Jobseekers, Counsellors, Local Service Providers, Skill Providers and Government Departments to come together and connect with each other to meet their requirements. Being a reservoir of skilled talent pool, a Model Career Centre is an avenue for the industry to tap in from and form a seamless employer-employee connect.

The budget provision of **Rs.363.98 lakhs** has been proposed as it is expected that, Ministry of Labour & Employment will release one time capital for 14 Employment Exchanges for setting up of MCC.

13. 3392-SANKALPA Project- World Bank (EAP) (60:40 ratio) (Rs.226.18 Lakhs):

A sum of Rs. **226.18 lakh** has been proposed for the FY **2024-25** to strengthen institutional mechanism for skill development and increase access to quality and market relevant training for youth across the country. The Central and State share under this scheme is limited to 60:40 ratio. The Budget provision has been made to meet the expenditure towards Project Management Unit created for implementation of SANKALP programmes, cost towards Digital Marketing & Entrepreneurship Development programmes for Women Self-Help Groups of 10 aspirational Districts conducted through NIESBUD and Livelihood Skill Development Training Programme for Persons with Disability implemented through SSEPD Department by NCSCDA.

14. 796-TSP-1279-Shifting Mining discipline from Modern Polytechnics, Talcher to OSME, Keonjhar(Rs. 42.31 lakh):

Due to shifting of Mining discipline from Modern Polytechnics, Talcher to OSME, Keonjhar, the cost of students of MCL staffs is borne by the MCL itself and deposit the cost with State Govt. Budget proposal of Rs. 42.31 lakhs has been proposed from the FY 2024-25 to met the Salary expenditure for running Diploma in Mining Courses at OSME, Keonjhar – **Rs.42.31 lakhs** has been provided for 2024-25.

Comparative statement of the Budget Provision & expenditure (Major Head wise)for the year 2022-23 and 2023-24 & 2024-25 (Rs. In Lakh)					
Name of the Major Head	Budget Provision 2022-23	Actual Exp 2022-23	Budget Provision 2023-24	Actual Exp 2023-24	Budget Provision 2024-25
State Sector Scheme (SSS)					
2203-Technical Education	623.51	752.13	1690.37	1681.96	2184.02
2230-Labour & Employment	5166.76	4703.31	14600.48	14546.79	29086.97
4059-COL on Public Works	71	39.64	51	50.95	200
4202-COL on education,sports,art& culture(Infrastructure dev. Of colleges/universities)	13700.01	13695.06	26052.32	26031.31	40329.01
4250-COL on other social Services(Infrastructure dev. Of ITIs & polytechnics)	18700	18182.6	26100	2694.29	30700
Total	38261.28	37371.74	68494.17	68405.3	102500
Centrally Sponsored Scheme(CSS)					
2203- Technical Education	0.03	0	0.03	0	0.03
2230-Labour & Employment	1835.33	480.55	2787.64	1576.19	2490.17
4202-COL on Education, Sports, Art & Culture	438.22	0	138.5	0	0.08
4250-COL on other social Services	300	0	300.03	66.02	0.06
Total	2573.58	480.55	3226.2	1642.21	2490.34
Central Sector Scheme(CS)					
2203-Shifting of Mining Discipline from Talcher to Keonjhar	55.51	34.01	41.08	34.56	42.31
Grand Total (Programme)	40890.37	37818.31	71761.45	70082.07	105032.65
Administrative Expenditure (EOM)					
2203- Tech Edn	35752.86	35359.04	36155.43	36059.8	39481.13
2230-Lab &Emplo	10099.9	9319.77	11494.38	10915.54	12663.63
2251-Secretariat Social Services	603.57	367.8	796.94	576.23	1098.62
Total	46456.33	45046.6	48446.8	47551.6	53243.38
GRAND TOTAL	87346.70	82864.91	120208.25	117633.67	158276.03

**ACTION TAKEN NOTES ON THE OBSERVATIONS/RECOMMENDATIONS OF THE 5TH
REPORT OF THE COMMITTEE 2023-24.**

SL No.	Observations/Recommendations by the Committee as per the Budget Provision for the year 2023-24	Compliances
1	All existing vacancies under different cadres of the Department are required to be filled up on a priority basis through direct recruitment method.	<p>Department has taken pro-active measures to fill up various vacancies in sub-ordinate offices and technical institutions. Recruitment of 10 Assistant Professors were placed in BPUT and IMIT, Cuttack, 09 Skill Development-cum-Employment Officers, 194 ATOs for posting in Government ITIs, 150 Junior Assistants for O/o DTET, Odisha and Directorate of Skill Development & Employment, 24 Junior Employment Officers, 64 Laboratory Assistants & 9 Junior Librarians in Government Polytechnics has been completed in 2023-24.</p> <p>Recruitment of 168 Lecturers for posting in Government Polytechnics and 250 ATOs in Government ITIs and 120 Assistant Professors/Associate Professors/Professors in Engineering Colleges is under process.</p>
2	All admission to vocational and technical courses need to be completed in a timely manner adhering to strict timeline devised for the purpose.	Synchronized Academic calendar has been devised in co-ordination with Departments viz. Higher Education, School & Mass Education, Health & Family Welfare and the same is followed from current academic session 2024-25. This will ensure timely commencement of academic session timely conduct of examinations, timely declaration of results, and seamless movement of students to higher studies reducing loss of academic days.

3	<p>Industry partnership at all levels of vocational & technical education should be forged to provide more exposure to students in contemporary and emerging technologies.</p>	<p>To make students in the short-term, long-term and higher technical education 'industry ready' the Department has been pro-actively engaging with various industries to introduce market oriented skilling courses, setting up CoEs, promoting apprenticeships, Training of Trainers etc.</p> <p>Partnership has been forged with various reputed organizations like Schneider Electric, L&T, IG Drones, Dassault Systems, Messer Cutting Systems, Tech Mahindra, Philips Machine Tools etc. to impart industry relevant skills.</p> <p>This also includes partnership with Bird group, GMR Aero Academy, AI SATS for Civil Aviation related training, NAVIS HR for Japanese Language Training, Coursera, CISCO, Autodesk, Microsoft for Digital Skilling.</p> <p>Centre of Excellences (CoE) have also been established in various institutions in fields like Artificial Excellence& Machine Learning, Cyber Security & Cloud Computing, Aviation, Additive Manufacturing, Thermal Cutting, Advance Mechatronics, Advance Welding, Automobile & Allied Industries etc.</p>
4	<p>Convergence of various Departments imparting skill training to the youths need to be reinforced.</p>	<p>Pro-active steps have been taken to bring 20 Departments of Government involved in skilling the youths of the state on the same page. Such Departments have nominated Nodal Officer for Skilling and regular convergence meetings are also held for exploring new avenues of partnership for skilling of youths.</p>

		<p>Efforts have been taken by the SDTE Department that the skilling activities of various Departments are done under “Skilled-in-Odisha” banner. Also an unified portal – “Skill Hub Portal” has been developed which will be used to capture data of youths undergoing skill training.</p> <p>A Skill Calendar has been prepared covering all skilling programmes of various Departments and made public for enabling youths to have informed choice in choosing their career paths.</p>
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Skill Development & Technical Education Department
2nd Floor, Kharavel Bhawan, Bhubaneswar – 01
www.sdte.odisha.gov.in