

# **ACTIVITY REPORT FOR THE YEAR 2019-20**

**SKILL DEVELOPMENT AND TECHNICAL EDUCATION  
DEPARTMENT**

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## **SKILL DEVELOPMENT AND TECHNICAL EDUCATION DEPARTMENT**

### **Activity Report for the year 2019-20**

#### **INTRODUCTION**

The Skill Development and Technical Education Department (erstwhile Employment & Technical Education & Training Department) was created vide G.A. Department Notification No. 24622 dt.19.12.2011. The Department is mandated for expansion of capacity, improvement of quality and facilitation of the underprivileged students to pursue the technical education through ITIs, Polytechnics, Engineering Colleges and employment of the youths in the emerging industrial scenario of the State. Skill Development Programme through a sustainable technical and vocational educational eco-system has become one of the flagship Schemes of the Govt. of Odisha with an overarching mission to bring transformative human development through skilling of youth and making "Skilled-in-Odisha" a global household Brand. It aims at sustained employability of trained youth and creating outstanding skilled workforce comparable to the best in the world.

Following Directorates/major establishments are running under this Department:

- Directorate of Technical Education and Training
- Directorate of Employment and Odisha Skill Development Authority
- Technological Universities and Government Engineering Colleges
- State Council for Technical Education and Vocational Training

#### **Directorate of Technical Education & Training, Odisha, Cuttack:**

The Directorate of Technical Education and Training, Odisha, Cuttack is responsible for implementation of various schemes and programmes for promotion of Technical Education and Training sector in the State. It has also the mandate for providing requisite technical manpower to support industrial growth process of the State.

### **Odisha Skill Development Authority & Directorate of Employment:**

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, Government has created a unified Authority in the name of Odisha Skill Development Authority (OSDA) in 2016-17.

Under Directorate of Employment, there are eighty (80) offices which include thirty Dist. Employment Exchanges, five Special Employment Exchanges, one State Employment Exchange (Professional & Executive), four University Employment Information and Guidance Bureaus, thirty three Employment Sub-Offices and seven Rural Employment Bureaus.

The Employment Exchanges operating in different parts of the State carry out Registration, Submission, Placement, Vocational Guidance, along with Collection and Compilation of Employment Market Information data, Interpretation of Statistical Data and Verification of records of establishments under the provisions of the Employment Exchanges Compulsory Notification of Vacancies Act, 1959 and Rules, 1960.

### **Technological Universities and Government Engineering Colleges:**

There are two Government Technical Universities, viz., Biju Patnaik University of Technology (BPUT), Rourkela and Veer Surendra Sai University of Technology (VSSUT), Burla functioning in the State. BPUT has got five Engineering Colleges, two IT/ Management Colleges as its constituent colleges.

### **State Council for Technical Education and Vocational Training:**

State Council for Technical Education & Vocational Training is the examining and certifying body of Diploma & ITI colleges in the State. SCTE&VT 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.

## Achievements under ITI & Polytechnic Sectors

The year 2019-20 for Technical Education and Vocational Training Sector continues to be youth aspirational in terms of improvement of Physical, Digital, Intellectual and Emotional infrastructure layers of technical Institutes. Odisha Skill Development Authority (OSDA) has the continued support in improving quality and relevance of this sector to make it a global brand.

- **Capacity Expansion of Government ITIs:** The capacity of 22 Government ITIs have been expanded by additional 2432 seating strength with NCVT affiliation in popular trades like MMV, Welder, Fitter, Electrician, Mechanic Agricultural Machinery, Auto Body Painting, Auto Body Repairing, MRAC, IoT in Smart City, Smart Agriculture, Smart Health Care, Smart Phone.
- **Career Counselling of Youth:** Career counselling of High School children and Girls in consultation with Head Masters and Sr. Teachers carried out for orientation towards Technical and Vocational Training sector for a brighter career option. Total 500 High Schools, Child Care Institutes contacted with career counselling of 13,736 students including visit of 7,349 girl students to ITIs under Sudakshya scheme.
- **Operationalisation of Mini Tool Rooms in ITIs:** In collaboration with the CTTC, Bhubaneswar, Mini Tool Rooms have been operationalised at ITI, Cuttack, Hirakud and Berhampur for providing top up skills in manufacturing for enhancing employability of mechanical trainees.
- **Observation of International Days of importance:** World Environmental Day, Yoga Day, World Youth Skills Days, Van Mahotsav etc. observed in Technical Institutes as an integral part of activities to way forward Mission, Vision and Values (MVV) of training ecosystem in the State.
- **Army of Helping Hands for post Natural Disasters:** 'Army of Helping Hands' comprising 725 professionals were mobilized with safety tools, instruments, tool kits and volunteer spirit & SOPs to serve damages caused by Extremely Severe Cyclonic Storm 'Fani' in respect of civil, electrical, water supply, sanitation, networking infrastructure and household electrical and plumbing appliances at Puri and Twin City Cuttack and Bhubaneswar with all safety precautions.
- **Special Coaching for Central Government/PSU Jobs:** The Special Coaching for ITI Passouts started in ITIs for achievements in Central Government /PSU notified vacancies such as DRDO, Indian Railway, ISRO, BARC etc. This has led to perceptible improvement in recruitment in Central Government jobs.
- **Dual System Training in ITIs:** The German Model of Vocational Training i.e. Dual System Training has been arranged at 17 ITIs with MoUs signed with 21 Industries and PSUs. The trainees under the scheme have the scope of earning internship while on training in addition to hands-on training in the field of industrial atmosphere.

- **Implementation of 5Ts and 'Mo Sarkar' in SD&TE Department:** The work plan for implementation of 5Ts in SD&TE Department has been worked out and started implementation on all selected 11 points.
- **Implementation of Election Manifesto, 2019:** Action has been initiated for provision of wifi internet connectivity with 1 GB data free to each of the ITI and Polytechnic students inside the Institute campuses through BSNL, Odisha.
- **Technical Education to eligible children of Distress Migrants:** 449 candidates were mobilized in Belpada and Khaprakhole Blocks of Bolangir District, out of which 42 have been tagged to ITIs and 407 to PIAs. In Nuapada, 50 candidates were mobilized out of which, 14 have been tagged to ITIs and 30 to PIAs. The mobilization and counselling process is still on in stipulated 30 GPs of said 02 districts for admission into Government ITIs during 2020-21 session.
- **Implementation of MoU with ITEES, Singapore:** As a part of the MoU for establishing World Skill Centre at Bhubaneswar and improving quality of training in TVET sector the following training activities have been carried out during 2019-20:
  - a. 70 Trainers of Government ITIs & Polytechnics have been trained on Technical Skills at ITEES, Singapore in collaboration with Temasek Foundation International, Singapore. Out of them, 30 have been trained on Pedagogy at IHM, Bhubaneswar and balance will be trained by June, 2020.
  - b. Out of 75 Trainers of Government ITIs to be trained on Technical Skills at ITEES, Singapore on Pedagogy, 25 have been trained so far during the current year.
  - c. 40 Principals and faculties of Government Polytechnics have been trained at Nanyang Polytechnic, Singapore and they have organized Post Sharing Workshops for onward dissemination of learning takeaways to remaining faculties of Polytechnics.
- **Induction-cum-Trade Orientation Training and Advanced Training for ATOs:** Out of 279 ATOs newly joined on selection through OSSC, Bhubaneswar, Induction-cum-Trade Orientation Training of 3 weeks duration has been organized for 249 ATOs at CTTC, Bhubaneswar, BPIToT, Talcher, Schneider Electricals, Bangalore, Centurion IToT, Jatni and SDI, Bhubaneswar. They have been imparted with Life Skills training through Tata STRIVE during last week of each module. Advanced training on Internet of Things (IoT) in Mechatronics, and Welding Technology has been organized at NSTI, Bangalore, NSTI, Hyderabad and IoT Industry at Indore, MP.
- **Training of Principals and Trainers of ITIs:** 12 newly inducted ITI Principals and 02 TOs/ATOs of ITIs have completed Leadership Training at Toyota Technical Training Institute, Bangalore during Feb, 2020. 20 ATOs are

undergoing Technical Training at above Institute. There is target to train total 40 ATOs at above Institute by 31.03.2020.

- **Employability Skill training outsourced through Professional Agency:** The Professional Agency i.e. Tata STRIVE has been selected through transparent bidding process for imparting Employability Skill training integrated with Life Skills as a part of MVV to all 28,000 trainees of 49 Government ITIs during 2019-20. TCIT, Mumbai has deployed 87 Change Leaders in all 49 ITIs during 2019-20
- **Digital Contents for CTS trades:** The Visual Rich Multi Media Digital Contents in 12 Craftsmen Training Scheme Trades have been implemented in all 49 Government ITIs. This will enhance performance and productivity of our ITIs, transforming them into technology enabled and work place simulated training centres.
- **Implementation of Skills Strengthening for Industrial Value Enhancement (STRIVE) Program:** The scope of implementation of Centrally Sponsored & World Bank assisted STRIVE project has been enhanced from 08 ITIs to 10 ITIs (Bhubaneswar, Berhampur, Balasore, Bhawanipatna, Phulbani, Ambaguda, Hinjilicut, MITI-Cuttack, Barbil and Rourkela) during 2019-20.
- **Establishment of State Apprenticeship Monitoring Cell (SAMC):** Professional Agency has been selected through transparent bidding process for providing proper manpower consultants to SAMC for operation of Industry Apprenticeship Initiative scheme through selected Industry Cluster component under World Bank assisted STRIVE Project in the Directorate during 2019-20.
- **Implementation of MoU with CISCO Networking:** The identified faculties of Polytechnics and ITIs have been trained by CISCO for ensuring training and certification of Diploma and ITI students under CCENT and CCT certifications which serve as starting points for individuals interested in starting a career as a networking professional. Total 3,189 students of Polytechnics registered and 2,426 students passed IT Essential course. Similarly 3,082 students of ITIs have been registered in IT Essential course in collaboration with CISCO NetAcademic.
- **Excelling in All India Skill Competitions:** One Shri Bikash Chandra Nayak, Fitter Trainee of Government ITI Talcher and another Shri Sadashiv Samantray, Turner Trainee of Government ITI, Balasore have stood 1st in respective trades in 55<sup>th</sup> All India Skill Competitions held in July, 2019 and adjudged as Best craftsmen in the trade. They have been selected for Certificate of Merit and Cash Prize of Rs.50,000/- each from GoI, MoSDE. The All India Skill Competitions for Craftsmen and Regional Skill Competitions for Apprentices have been converged with India Skills and World Skill Competitions by MoSDE from current session onward.

- **Odisha Skill Competition, 2019:** Odisha created history as S. Aswatha Narayan, a student of C.V. Raman College of Engineering, won Gold Medal in Water Technology in the World Skills Competition held in Kazan, Russia. This was India's first ever Gold Medal since inception of World Skills Competition.
- **Odisha Skills for World Skill Competitions, 2021:** About 15,000 Diploma and ITI students have registered for participation in the Odisha Skills Competition, 2019 being organized by OSDA. About 6,000 students appeared L1 Written Test in 23 Skills. About 15,000 students have been registered for appearing L2 test. Zonal level Tests shall be conducted during March, 2020. Handholding support shall be provided to the selected candidates for next round of competitions leading to World Skills Competition, 2021 to be held at Shanghai.
- **Grading of ITIs at all India level:** In **phase-I**(2016-17) all 45 NCVT affiliated Govt. ITIs (100%) participated in 5 point scale grading system (Top 20 – 01 ITI ; Top 100 - 02 ITIs; Top 200 – 05 ITIs ; Top 500 – 15 ITIs ; Top 1000 - 25 ITIs). **In phase II**, all 49 NCVT affiliated Government ITIs have self graded. The third party assessment has been completed and the final result will be published by MoSDE on Pan India basis.
- **Grading of Polytechnics:** Grading of Government Polytechnics have been carried out in Phase-I. RfP has been floated by SCTE&VT, Odisha to select a credible agency for grading of both Government and Private Polytechnics.



## HIGHER TECHNICAL EDUCATION SECTOR

- There are two Government Technical Universities, viz., Biju Patnaik University of Technology (BPUT), Rourkela and Veer Surendra Sai University of Technology (VSSUT), Burla functioning in the State. BPUT has got 5 Engineering Colleges, two IT/ Management Colleges as its constituent colleges.
- The following Government Engineering/ Professional Colleges are functioning under the BPUT as constituent/affiliated colleges:
  1. College of Engineering and Technology, Bhubaneswar
  2. Parala Maharaja Engineering College, Berhampur
  3. Government College of Engineering, Kalahandi
  4. Government College of Engineering, Keonjhar
  5. IGIT, Sarang
  6. Institute of Management and Information Technology, Cuttack
  7. College of IT and management Education, Bhubaneswar
- In order to regulate admission by a Centralized counselling process, OJEE is functioning as State Admission Authority to ensure transparent and merit based counselling for the meritorious student community in the State aspiring technical education.
- The following table depicts the technical courses offered by different Govt./Private technical/professional institutes along with the intake capacity as well as students admitted during 2019-20:

| <b>Name of the Course</b> | <b>Number of Colleges</b> | <b>Intake Capacity</b> | <b>No. of students admitted during 2019-20</b> |
|---------------------------|---------------------------|------------------------|--|
| <b>Engineering</b>        | 87                        | 33,728                 | 11,951   |
| <b>MBA</b>                | 65                        | 5,766                  | 4,983  |
| <b>MCA</b>                | 30                        | 1,710                  | 808  |
| <b>B.Pharm</b>            | 16                        | 1,385                  | 1357   |
| <b>M.Pharm</b>            | 15                        | 655                    | 366  |
| <b>M.Tech</b>             | 43                        | 2,859                  | 818  |
| <b>B.Arch</b>             | 5                         | 210                    | 131  |

### New Initiatives

- Two (02) Government Technical Institutes, viz., the College of Engineering and Technology, Bhubaneswar and the Indira Gandhi Institute of Technology, Sarang have been granted autonomous status by the UGC. VSSUT, Burla, CET, Bhubaneswar, IGIT, Sarang and P MEC, Berhampur have been accredited by NBA and NAAC.

- The Veer SurendraSai University of Technology (VSSUT), Burla and five (05) Government Engineering Institutes/ Colleges, viz., IGIT Sarang, CET Bhubaneswar, PMEC Berhampur, GCE, Keonjhar and GCE, Kalahandi have been selected to get financial assistance under TEQIP-III Scheme.
- ISRO has opened a Centre of Innovation & Incubation in VSSUT for promoting research in the field of Space and Rocket Technology. A Centre of Excellence in Space Research is being established at VSSUT, Burla in collaboration with ISRO.
- The students of VSSUT, Burla participated in Asia's 1<sup>st</sup> Inter College Rocket Competition organized by the Space Development Nexus and the BRICS at New Delhi and were awarded the 1<sup>st</sup> prize. Hon'ble Chief Minister has also felicitated them for their feat.
- Under the aegis of SD&TE Department, BPUT had organized a 36- hour "Smart Odisha Hackathon" to harness the talents of the students and to find innovative, disruptive, technological solutions to the common governance and public service problems. It attracted one of the highest registrations in the country (4069) including 1082 innovative ideas. This has now become an annual event.
- The Centre for Advanced Post Graduate Studies (CAPGS) has become operational in the campus of BPUT, Rourkela for imparting post graduate studies. It shall function as a Centre of Excellence with a Central Instrumentation Centre open to the researchers of all University/ Colleges of the State and outside the State.
- Centre of Excellence in Artificial Intelligence and Machine Learning has been established in CET, Bhubaneswar by Tech Mahindra to carry out research activities and it shall be a catalyst in introducing disruptive technologies in various sectors to usher in Industry 4.0.
- Center of Excellence in Bio-Technology is being opened in CET in collaboration with ICT.

## SKILL DEVELOPMENT & EMPLOYMENT SECTOR

- A year wise report on Registration, Notification, Submission, Placement and Live Register of the State of the last 7 years- 2013 to 2019 (up to 31.12.2019) is placed below:-

| Sl. No. | Year | Registration | Vacancy Notification | Submission | Placement | Live Register |
|---------|------|--------------|----------------------|------------|-----------|---------------|
| 1       | 2013 | 2,78,480     | 1,240                | 25,162     | 2,646     | 10,85,712     |
| 2       | 2014 | 2,27,768     | 1,249                | 16,201     | 1,144     | 10,86,222     |
| 3       | 2015 | 2,02,301     | 742                  | 16,522     | 1,825     | 10,42,708     |
| 4       | 2016 | 1,65,252     | 433                  | 6,300      | 770       | 9,65,269      |
| 5       | 2017 | 2,22,164     | 182                  | 4569       | 259       | 9,58,694      |
| 6       | 2018 | 1,75,923     | 209                  | 2342       | 1674      | 9,31,765      |
| 7       | 2019 | 1,75,359     | 188                  | 2233       | 1053      | 9,39,352      |

### Initiatives in skill training

- Since its formation, OSDA is working relentlessly towards Government of Odisha's highest priority accorded to skill development in the State. OSDA charter is to guide, implement, coordinate and oversee all skill development programs in the State. The major achievements for the year 2019-20 are given below:

### Chief Minister's Employment Generation Programme (CMEGP)

- In order to provide employable skill training to the youth of the State, thereby enabling them to become employed/self-employed, Government of Odisha has launched an inclusive skill development strategy in the name of Chief Minister's Employment Generation Programme (CMEGP) in 2014-15. A total Number of 10,38,301 youth have been covered under this programme over a period of 05 years(2014-15 to 2018-19) against 11 lakh target.
- Govt. has further set a target of skilling 15 lakhs youth under this programme in the next 05 years(2019-20 to 2023-24) @ 3 lakhs per annum. In 2019-20, 3, 25,241 youth have been trained so far.
- Ten major Departments are engaged in skill development activities and they include SD&TE Department through DTE&T and Odisha Skill Development Authority, Panchayati Raj Department, ST&SC Development Department, Housing and Urban Development Department, Agriculture & Farmers' Empowerment Department, Handloom & Textiles, Commerce & Transport, Fisheries & ARD, Information & Communication Technology Department, Tourism Department.

## **Placement Linked Training Programme**

- OSDA is conducting Placement Linked Training Programmes through private/Government Project Implementing Agencies (PIAs) since 2011-12 to train and equip youth especially school dropouts with employable skills.
- The eligible Training Agencies and Industries are engaged by Odisha Skill Development Authority to carry out mobilization, counselling, screening, training, placement and tracking of unemployed youth from the state.
- The MoUs of 18 project Implementing Agencies have been renewed for undertaking the programme in the financial year.
- In the current financial year (up to 31<sup>st</sup> Jan, 2020), 8230 youth have been trained under the programme.
- Currently 25 training centres across 11 districts are operating in the state.

## **Pradhan Mantri Kaushal Vikas Yojana (PMKVY)**

- Pradhan Mantri Kaushal Vikas Yojana (PMKVY) is the flagship outcome-based skill training scheme of Ministry of Skill Development & Entrepreneurship (MSDE). Pradhan Mantri Kaushal Vikas Yojana (2016-2020) called as PMKVY 2.0 is a modified and improved version of PMKVY-1. PMKVY is implemented by NSDC under the guidance of MSDE. It has two components:
  - I. Centrally Sponsored Centrally managed (CSCM): 75% of the PMKVY 2.0 funds is made available to MSDE for skilling through National Skill Development Corporation (NSDC).
  - II. Centrally Sponsored State Managed (CSSM): 25% of the funds of PMKVY 2.0 is allocated to the State Under Centrally Sponsored State managed (CSSM), OSDA has so far trained 9,125 youth as on 31<sup>st</sup> Jan, 2020. Training is being imparted to unemployed youth particularly to school & college drop outs mainly in job-roles coming under Apparel, Beauty & wellness, BFSI, Construction, Healthcare, Logistics, Plumbing, Retail & Telecom sector.

## **Skill Development Training Programme through other Departments**

- OSDA is extending financial supports to the Development Departments for conducting skill development training programme in their sectors for their respective target groups. The following proposal was sanctioned in 2019:-

**Commerce & Transport Department** —: Project proposal for undertaking skill training submitted by Commerce & Transport Department under the following four Components was approved.

- LMV driving training of 180 hours covering a period of 45 days for 7,500 youth belonging to BPL/SC/ST/Women candidates through 107 empanelled Pvt. LMV DTIs of the state.
- HMV Driving Training of 30 days duration for 100 LMV Drivers through HMV DTI, Chhatia, Jajpur.
- HMV Driving Training of 30 days duration for 1500 LMV drivers through 22 empanelled Pvt. DTIs of the state.

- LMV Driving training to 400 unemployed youth of BPL(ration Card holders)/SC/ST/Women category through HMV DTI, Chhatia.

Department has so far trained 7036 youth (as on 31<sup>st</sup> December,2019) under the programme.

**SSEPD Department:** Skill training for 740 Persons with Disability with a project cost of was sanctioned in 2018-19 by OSDA. The programme is implemented through National Career Service Centre for Differently Abled. 351 Persons with Disability have so far been trained under the programme. The programme is currently continuing.

#### **Tourism Department:**

Skill training for youth in the tourism and hospitality sector is being conducted through SIHM Bolangir and IITTM, Bhubaneswar. This training helps in getting skills which is the current need of the Hospitality Sector. Out of the total allotted target of 6200, 3453 youth have been trained so far in the trades like F&B Service, House Keeping Activity, Food Production etc. A total of 2879 youth have been placed out of the trained candidates.

#### **Organization of Job Fair**

- OSDA is offering a platform to the job seekers for access to a wide range of employers by organising job fairs in coordination with District Administration.
- In 2019-20, 27 job fairs have been conducted so far as on 31<sup>st</sup> December, 2019 in which 18,396 job offer letters have been issued.

#### **Recruitment Rallies for Defence Forces**

- OSDA is facilitating organization of Recruitment Rallies for the youth of the State for their entry in to Defence & Para-Military Services.
- Five Recruitment Rallies i.e.three for Army and two for Air force have been conducted during the current Financial year as on 31<sup>st</sup> Jan, 2019.
- A total number of 29,354 candidates have participated in these rallies out of which 2,994 have qualified for the written test. The final result shall be intimated by the concerned Branch Recruiting officer towards May-June, 2020.

#### **Model Career Centres**

- Model Career Centres have been set up in four District Employment Exchanges namely Sambalpur, Cuttack, Rourkela and Dhenkanal under National Career Service scheme of Ministry of Labour and Employment, Govt. of India.
- Career Centres aim at connecting the local youth and other job-seekers with all possible job opportunities in a transparent and effective manner through National Career Service Portal. Career Centre is also providing counselling services to the job seekers making them aware of the opportunities based on their skills, area of interest and requirement.
- These Centres are conducting Recruitment Drives for the placement of unemployed youth. So far 65 recruitment drives have been conducted in which 1,812 youth have been placed.

- Further, it is mentioned that MCCs are leading the placement in renowned companies like TechM, ICICI, Swiggy, Relevance Jio etc.
- Besides, 5882 candidates have also been given one to one counselling during the period and they have been linked to skill training.
- Three more Model Career centres sanctioned by the Ministry are going to be set up at District Employment Exchange, Ganjam, Berhampur, District Employment Exchange, Keonjhar and Koraput. As part of Aspirational District initiative, NITI Aayog in partnership with CII has is going to set up two MCCs at Rayagada and Kalahandi. These two MCCs are being set up by CII and shall be managed by it.

### **SKILL DEVELOPMENT CENTERS (SDCS)/**

### **SKILL DEVELOPMENT EXTENSION CENTERS(SDECs)**

OSDA is setting up of 32 Skill Development Centres one in each district and two additional SDCs at Begunia in Khurda and Pallhara in Angul districts and 38 Skill Development Extension Centres in the campus of Govt. it is and Polytechnics with one time capital support of Rs. 75 lakhs per centre for providing infrastructure support to the Project Implementing Agencies for conducting skill training. Out of the 70 SDC/SDECs, 62 have been completed and 19 SDCs and 16 SDECs have become operational. Twelve SDCs currently have the hostel facilities and in rest SDCs, hostels are going to be set up in a phased manner.

### **Promoting Entrepreneurship – Through “Nano-Unicorns”**

- The Nano-Unicorn Project was started by OSDA in the year 2017-18, with the aim to give boost to entrepreneurship development at nano level. The objective is to link skill training at the bottom of the pyramid to philanthropic capital, thereby promoting micro entrepreneurship culture in Odisha.
- Odisha Skill Development Authority (OSDA) acts as the nodal point for selecting, training, mentoring the new entrepreneurs and channelizing philanthropic support by way of risk capital for our nano entrepreneurs.
- As of now, 250 young entrepreneurs have been identified, trained in Entrepreneurship Development and Rs. 250 lacs as refundable risk capital has been extended. Many of them have been able to earn more than Rs10000/- a month and employ 2 to 3 persons. One impact assessment study has been completed, which has found the programme to be very useful for nano unicorns.
- During the year 2019-20(up to 15<sup>th</sup> February,2020), 109 young entrepreneurs have so far been identified, trained in Entrepreneurship Development and Rs. 83,00,000/- as refundable risk capital has been extended.

### **World Skill Centre:**

The World Skill Centre coming up in Bhubaneswar and to be housed in an iconic, 18-storey building covering nearly half a million square feet with the state-of-the-art facility shall run long-term manufacturing programmes as a finishing school for the ITI and Polytechnic students as well as serve as a centre for capacity building for ITI

teachers. OSDA and ITEES signed the contract for establishing World Skill Center at Bhubaneswar. As per the contract, ITEES Singapore will be knowledge Partner for establishing the World Skill Centre. The first set of courses in areas like Precision Engineering, Mechatronics, Vertical Transportation, and Logistics along with a few other courses in the Creative Economy shall be rolled out soon. The training programs will be aligned with industry and international standards. WSC will also serve as mentor institution for all it is in Odisha, provide inputs on course curriculum, pedagogy and standards for Laboratories and Workshops.

### **Go Skills Portal**

- It is proposed to develop an online interface named "Go Skills" in line with "Go Swift" which will make the interaction with employers seamless. "GoSkill" will be the single window for Employers, CPC, Department & Students for skill & placement drive related workflows and reporting needs. An Employer will be able to see the skill demography and place request for manpower. The CPC, Department & Colleges will be able to automate their process for campus drive through this portal. Student will have a provision to update their profile as well as provide their input during a campus drive process. The system will be able to provide various reports and dashboards across all the stakeholders.

### **Digital Skilling**

- OSDA intends to start Interactive Digital Media Academy and Health Academy to start skilling in this sector. Today in this disruptive world technology is deep rooted in everything that we do. Also the technology changes in fast pace. For example what in yesteryears technology used to evolve in a decade is now seen to evolve in less than a year. Keeping that in the mind our institutes like ITI, Polytechnic, Engineering Colleges, need to quickly adopt to Industry 4.0 framework so that our Skilled in Odisha professionals are made Ready-to-Deploy in the industry. Also there is a large pool of IT workers in the state who would need to Re-skill themselves in order to stay relevant in the industry. Keeping all these in mind, OSDA is working out on a plan called DIGITAI. This drive will enable Industry, Institutes, Students & Society to work around the conventional way of Learning and adopting Technology in order to face the Digital Disruption to deliver value across the stakeholders.



**BRIEF NOTE ON THE BUDGET ESTIMATE FOR THE YEAR 2020-21**

Rs. in lakh

| No. | Scheme Details   | Resource  | Budget Provision 2018-19 | Actual 2018-19 | Budget Provision 2019-20 | BE+Suppl 2019-20 | Actual Expenditure up to 31.01.2020 | Budget Provision 2020-21 |
|-----|--|-----------|--------------------------|----------------|--------------------------|------------------|-------------------------------------|--------------------------|
| 1   | 2  | 3         | 5                        | 6              | 7                        | 8                | 9                                   | 10                       |
| 1   | Technical Education-Infrastructure Development of Technological Universities/ Engg. Colleges | Others    | 10000.00                 | 9999.98        | 6000.00                  | 6000.00          | 1780.86                             | 7800.00                  |
| 2   | Technical Education-Infrastructure Development of Engg. Schools/ Polytechnics                | Others    | 10000.00                 | 9223.17        | 5000.00                  | 5000.00          | 2644.60                             | 4000.00                  |
| 3   | L&E-101207-Infrastructure Development of ITIs  | Others    | 8000.00                  | 7971.54        | 8000.00                  | 8000.00          | 6215.17                             | 8000.00                  |
| 4   | L &E-101207-Craftsment Training – Skill Development of youth through ITIs.                   | Others    | 1394.14                  | 1389.14        | 3460.98                  | 3161.00          | 1857.28                             | 3023.72                  |
| 5   | Labour& Employment-101207-Craftsman Training under Skill Development Mission/PMKVY           | CSS       | 4441.16                  | 2240.34        | 2500.02                  | 4249.02          | 228.00                              | 1200.05                  |
| 6   | Technical Education-RUSA   | CSS       | 2284.02                  | 1058.33        | 2508.45                  | 2508.45          | 30.00                               | 500.00                   |
| 7   | Labour& Employment-101207-Craftsman Training – Construction Building                         | SS of CSP | 0.02                     | 0.00           | 0.03                     | 396.03           | 196.00                              |                          |
| 8   | Estt. Of exclusive campus for Higher learning programme by CIPET- State Contribution (New)   | SS of CSP | 500.00                   | 500.00         | 500.00                   | 500.00           | 0.00                                | 50.00                    |
| 9   | Technical Education- - Research & Training-OSME-Keonjhar                                     | CSS       | 44.94                    | 41.19          | 50.44                    | 61.96            | 47.43                               | 70.52                    |
| 10  | L &E-101206-Employment Service-OSDP (ADB)  | EAP       | 100.00                   | 0.00           | 10000.00                 | 15000.00         | 10000.00                            | 22000.00                 |



|    |  |        |                 |                 |                 |                 |                 |                 |
|----|--|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| 11 | L &E-101206-<br>Employment Service-<br>Construction of Building  | Others | 307.41          | 129.32          | 190             | 190             | 0.00            | 45.00           |
| 12 | L &E-101206-<br>Employment Service-  | Others | 0.01            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            |
| 13 | L &E-101206-<br>Employment Service-<br>Model carrier center<br>/National Career Service<br>Project for Interlinking of<br>Employment Exchange. | CSS    | 109.92          | 42.34           | 137.91          | 137.91          | 79.29           | 206.74          |
| 14 | L &E-101207-<br>Employment Service-<br>craftman training-<br>Sankalpa Project(WB)  | EAP    | 0.00            | 0.00            | 100.00          | 100.00          | 0.00            | 400.00          |
| 15 | L &E-101208-Odisha<br>State Self Employment<br>Mission/ OSDA   | Others | 500.02          | 500.00          | 600.01          | 600.01          | 0.00            | 68.00           |
| 16 | Technical Education-<br>Improving employable<br>skill through<br>Polytechnics  | Others | 150.00          | 149.85          | 351.01          | 651.01          | 375.83          | 423.28          |
| 17 | Technical Education-<br>100201-IEC Activities-NA   | Others | 50.43           | 50.43           | 50              | 50              | 0.12            | 50              |
| 18 | CS   |        | 0.02            | 0.00            | 0.02            | 0.02            | 0               | 0               |
|    | <b>Total Programme Expenditure</b>   |        | <b>37882.09</b> | <b>33295.63</b> | <b>39448.87</b> | <b>46605.41</b> | <b>23454.58</b> | <b>47837.31</b> |
|    | <b>Administrative Expenditure</b>  |        | <b>25937.69</b> | <b>25937.69</b> | <b>32454.86</b> | <b>32454.90</b> | <b>20613.89</b> | <b>34663.94</b> |
|    | <b>Total</b>   |        | <b>63819.78</b> | <b>59233.32</b> | <b>71903.73</b> | <b>79060.31</b> | <b>44068.47</b> | <b>82501.25</b> |

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

### **Technical Education Sector:**

#### **(I)2203-Technical Education-State Sector Scheme**

**1. 2035-Improving employable skill and creation of self-employment opportunity for unemployed youths;** (i) Training of Faculties of Engineering Schools, Polytechnics, Head quarters and participation of Directorate in the State / National level Skill Exhibitions/Fairs for promotion of schemes (ii) Payment of remuneration under PPSS to PTGF at the revised rate approved by Government for 10 Polytechnics-**Rs.423.28 lakhs has been provided for 2020-21.**

**2. 3246-Establishment of Exclusive Campus for higher learning Programme by CIPET-State matching Contribution-A sum of Rs.50.00 lakhs provided for 2020-21.**

**3. 0708-78159- Information Education & Communication for creating awareness –programme on Skill Development & Technical Education among the people a sum of Rs. 50.00 Lakh has been kept under IEC Activities for the year 2020-21.**

#### **(II) 4202-Capital Outlay on Education, Sports, Art and Culture**

**4. 2857-Infrastructure development of Technological Universities/ Engineering Colleges:** Infrastructure development of Government Technological Universities, Engineering Colleges and Professional Institutes in the State towards (i) Ongoing civil works, procurement of goods for laboratory development etc. activities for up gradation of existing UG/PG/Research level courses / capacity expansion of UG/PG/Research level courses (ii) Establishment of Advanced level laboratories (L1, L2 & L 3) for improving skill and knowledge of UG,PG and Research level students – **Rs.7800.00 lakhs provided for 2020-21.**

**5. 2858-Infrastructure development of Government Engineering Schools / Polytechnics:** Infrastructure development of Government Polytechnics both existing and new in the State towards ongoing/new civil works, procurement of goods for lab development etc for up gradation of existing diploma level courses /capacity expansion of Diploma level courses. –**Rs.4000.00 lakhs provided for 2020-21.**

#### **(III) Re-structuring of CSP and CP Schemes under RUSA as CSS :**

**6. 2936-78503-Technical Education Quality Improvement Programme (TEQIP Phase-III) –(40% State Share);** Up-gradation of CET, Bhubaneswar &

VSSUT, Burla through World Bank assisted TEQIP-III has been considered by GoI/MHRD for financial assistance @Rs10.00Cr under CSS scheme. **Fund will flow directly to the Institution.**

**7. 2936-78501-Establishment of New Polytechnic;** Infrastructure development of 22 new polytechnics under the scheme of Sub-mission on Polytechnics under Coordinated Action for Skill Development of GoI/MHRD at three phases viz: **Phase-I:** 1)Gajapati 2) Boudh 3) Sambalpur 4) Malkangiri**Phase-II:** 5) Deogarh 6) Nabarangpur 7) Jajpur 8) Nayagarh 9) Kalahandi 10) Nuapada 11) Sonapur 12) Kendrapara 13) Jagatsinghpur 14) Puri**Phase-III:**15) Angul 16) Bolangir 17)Mayurbhanj 18) Bargarh 19) Koraput 20) Bhadrak 21) Balasore and 22) Kandhamal @Rs1230.00lakhs CFA from the Ministry. Budget provision of **Rs.0.01lakhs has been provided for 2020-21.**

**8. 2936-28019-Construction of Women Hostels at the Polytechnics;** In order to improve enrolment of students belonging to SC and ST community as well as women in Diploma education it is proposed to avail CFA from GoI/MHRD for establishment of Hostels at the existing and new Polytechnics- **Rs.10.00 lakhs has been provided for 2020-21.**

**9. 2936-78502-Upgradation of Existing Polytechnics;** Infrastructure development for up-gradation of existing 13 Polytechnics- **Rs.51.00 lakhshas been provided for 2020-21.**

**10. 2936-78504-Community Development through Polytechnics (CDTP)–** Training under the scheme- **Rs.46.81 lakhs has been provided for 2020-21.**

**11. 2936-78602-Infrastructure Development of Technical Universities:** For Development of Two Technical Universities a sum of **Rs.200.00 lakh has been provided for 2020-21.**

**12. 2936-78603- Infrastructure Development of Technical Universities:** For Development of Government Engineering Colleges /Institutions a sum of **Rs.228.18 lakh has been provided for 2020-21.**

#### **(IV)Centrally Sponsored Scheme**

**13. 796-TSP-1279-Shifting Mining discipline for MP, Talcher to OSME, Keonjhar (60% SS);** Salaried expenditure for running Diploma in Mining Courses at OSME, Keonjhar –**Rs.70.52 lakh has been provided for 2020-21.**

**2230-03-Labour and Employment–Craftsman Training:**

**State Sector Schemes**

**0951-National Apprenticeship Training;** Operationalising NAT scheme during 2020-21 a sum of **Rs. 3018.70 lakh has been provided** which includes the sub-scheme that is 14 Apprenticeship zone and HQ

- i. Payment to PTGIs under PPSS -700.00 lakhs
- ii. Training of ITI Trainers-40.00 lakhs
- iii. QCI Accreditation & NCVT affiliation of it is-Rs.5.00 Lakhs,
- iv. mobilization of girls (SUDAKHYA) and PWD trainees for it is-Rs.500.00 lakhs and
- v. Supply of uniforms to Govt. ITI and Polytechnic students-Rs.510.00 lakhs
- vi. Life Skill Training through professional agency-Rs. 900.00 lakhs and
- vii. Green Passage i.e. Exemption of fees and payment of stipend to orphans-Rs 30.00 lakhs

**2. 2783- Establishment of Project Management Unit at DTE&T, Odisha:** Operationalisation of PMU at the Directorate through engagement of Consultants for effective implementation of various schemes and programmes- **Rs.5.00 lakh has been provided for 2020-21.**

**3. 3392-SANKALPA Project- World Bank (EAP)-**a sum of Rs. 400.00 lakh has been provided for 2020-21

**4. 2788- Establishment of CPC at Bhubaneswar:** Establishment and operationalisation of Central Placement Cell at Bhubaneswar to streamline placement of Government it is and polytechnics: **Rs.0.01 lakhs has been provided for 2020-21.**

**5. 2787- Establishment of Zonal Directorates at 3 RDC Zones:** Establishment and operationalisation of 3 Zonal Directorates at 3 RDC Zones for effective administration of Directorate activities in all the 30 districts- **Rs.0.01 lakhs during 2020-21.**

#### **4250-Capital Outlay on other Social Services**

**1. 2466-Infrastructure Development of it is;** Provision of latest equipment and machineries for the existing Government it is (ii)Infrastructure support including workshop development of existing Government it is, establishment of new Government it is& SDCs for civil works and procurement of goods-**Rs.8000.00 lakh has been provided for 2020-21.**

**2. 2937- EAP- Odisha Skill Development Project (OSDP) assisted by ADB under Multi-Tranche Financial Facility (SS of CSP)-**The scheme is proposed to be introduced to avail financial assistances under OSDPRs **22000.00 lakhs has been provided for 2020-21.**

### **Centrally Sponsored Schemes(CSS)**

**3. 2935-78513-Skill Development of youths in 34 Districts affected by LWE(25% State Share)-;** Infrastructure development of 5 it is and 10SDCs at five LWE affected districts of Sambalpur, Deogarh, Malkangiri, Rayagada and Gajapati- **Rs.300.00 lakh has been provided for 2020-21.**

**4. 3392-SANKALPA Project- World Bank (EAP)-**a sum of Rs. 100.00 lakh has been provided for 2020-21.

**5. 3254-PMKVY-18069-Skills Strengthening for industrial value enhancement (STRIVE)-** Rs.800.00 lakhs has been provided for 2020-21.

#### **Directorate of Employment-cum-Employment Mission:**

Employment organization and Employment Mission Odisha have been playing important roles since last years together with the objects to facilitate launching of various training programmes towards up-gradation of skills for unemployed youth. Besides there are 30 district Employment Exchanges, 5 Spl Employment Exchanges one state Employment Exchanges 4 numbers UEI&GBs in universities and 33 Employment sub-offices working in the state carrying out job of registration, vocation guidance etc.

#### **2230-03-Labour and Employment-Employment Service:**

##### **State Sector Schemes**

**1. 1822-Odisha State Employment Mission: Rs.68.00 lakhs has been provided for 2020-21** to be spent towards Skill Development Training & Placement Linked training programme.

**2. 2935-78604-A sum of Rs.156.74 lakhs has been kept for the establishment of Model Carrier Centre at District Employment office during 2020-21.**

**3. 3254-78670-PMKVY-State Engagement Component- Rs. 0.01.00 Lakhs.**

##### **Centrally Sponsored Schemes**

**4. 2935-78669-Inter Linking of Employment offices & NCSP-50.00 Lakhs**

#### **2230-03-Labour and Employment-Employment Service:**

##### **State Sector Schemes**

- 1- **0182- Construction of Building:** To be spent on construction of new District Employment Exchange building & renovation & repairing of works at NiyojanBhawan a sum of **Rs.45.00 lakhs has been provided for 2020-21.**

**Comparative statement of the Budget Provision & expenditure for the year 2017-18, 2018-19, 2019-20, 2020-21**

| <b>Name of the Major Head</b>   | <b>Budget Provision 2017-18</b> | <b>Actuals 2017-18</b> | <b>Budget Provision 2018-19</b> | <b>Actuals 2018-19</b> | <b>Budget Provision 2019-20</b> | <b>Expenditure up to 31.01.2020</b> | <b>Budget Provision 2020-21</b> |
|---|---------------------------------|------------------------|---------------------------------|------------------------|---------------------------------|-------------------------------------|---------------------------------|
| <b>State Sector Scheme</b>  |                                 |                        |                                 |                        |                                 |                                     |                                 |
| 2203-Technical Education  | 195.11                          | 191.82                 | 200.43                          | 200.28                 | 401.02                          | 375.95                              | 473.28                          |
| 2230-Labour & Employment  | 5092.49                         | 3853.92                | 1894.17                         | 1889.14                | 4161.00                         | 1857.28                             | 3491.72                         |
| 4059-COL on Public Works  | 400.00                          | 311.69                 | 307.41                          | 129.32                 | 190.00                          | 0.00                                | 45.00                           |
| 4202-COL on education,sports,art& culture(Infrastructure dev. Of colleges/universities) | 20500.00                        | 22523.51               | 20500.00                        | 19723.15               | 11500.00                        | 4425.46                             | 11850.00                        |
| 4250-COL on other social Services(Infrastructure dev. Of ITIs & polytechnics)           | 21655.46                        | 8674.43                | 8100.02                         | 7971.54                | 23396.03                        | 16411.17                            | 30000.00                        |
| <b>Total</b>  | <b>47843.06</b>                 | <b>35555.37</b>        | <b>31002.03</b>                 | <b>29913.43</b>        | <b>39648.05</b>                 | <b>23069.86</b>                     | <b>45860.00</b>                 |
| <b>Centrally Sponsored Scheme</b>   |                                 |                        |                                 |                        |                                 |                                     |                                 |
| 2203- Technical Education   | 59.96                           | 56.85                  | 59.96                           | 41.19                  | 209.40                          | 47.43                               | 117.33                          |
| 2230-Labour & Employment  | 1671.23                         | 823.01                 | 4351.00                         | 2231.82                | 4086.92                         | 307.29                              | 1106.79                         |
| 4202-COL on Education, Sports, Art & Culture  | 6146.67                         | 500.00                 | 2260.02                         | 1058.33                | 2361.01                         | 30.00                               | 453.19                          |
| 4250-COL on other social Services   | 1100.00                         | 59.59                  | 200.00                          | 50.86                  | 300.01                          | 0.00                                | 300.00                          |
| <b>Total</b>  | <b>8977.86</b>                  | <b>1439.45</b>         | <b>6870.98</b>                  | <b>3382.2</b>          | <b>6957.34</b>                  | <b>384.71999</b>                    | <b>1977.31</b>                  |
| <b>Grand Total</b>  | <b>56820.92</b>                 | <b>36994.82</b>        | <b>37873.01</b>                 | <b>33295.63</b>        | <b>46605.39</b>                 | <b>23454.57999</b>                  | <b>47837.31</b>                 |

|   |                 |                 |                 |                 |                 |                 |                 |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| <b>Administrative Expenditure (EOM)</b> |                 |                 |                 |                 |                 |                 |                 |
| 2203- Tech Edn                          | 20758.27        | 19240.79        | 20799.53        | 19506.76        | 24201.69        | 14398.26        | 26365.1         |
| 2230-Lab & Emplo                        | 5416.67         | 5162.43         | 7026.84         | 5928.79         | 7619.55         | 5685.20         | 8067.02         |
| 2251-Secretariat Social Services        | 508.59          | 445.40          | 500.66          | 473.07          | 633.66          | 530.43          | 231.82          |
| <b>Total</b>                            | <b>26683.53</b> | <b>24848.62</b> | <b>28327.03</b> | <b>25908.62</b> | <b>32454.90</b> | <b>20613.89</b> | <b>34663.94</b> |

## **ACTION TAKEN REPORT ON THE OBSERVATIONS / RECOMMENDATIONS OF THE 1<sup>st</sup> REPORT OF THE COMMITTEE**

| <b>Sl. No.</b> | <b>Observations / Recommendation</b>  | <b>Compliances</b>  |
|----------------|---|---|
| 1.             | <p>The Department has taken up construction of 24 new ITIs to cover the uncovered subdivisions of the state. As such, the present provision of Rs. 77.99 Crores for infrastructure development of ITIs seems highly inadequate to ensure the completion of their physical infrastructure and procurement of equipment.</p> <p>Moreover, in order to encourage enrolment of rural boys and girls into Govt. ITIs hostel facilities in all ITIs is badly necessary. Particularly, all Govt. Technical institutions should have 100% hostel provision for girl students.</p> <p>Hence, the budgetary outlay for infrastructure development of ITIs for 2019-20 may be increased to Rs. 150 Crores.</p> | <p>The budget provision for the year 2019-20 under infrastructure development of ITIs has not been increased. However, Government is considering the proposal for construction of 28 numbers of 120 seated girls' hostels in ITIs i.e. 20 numbers through ST&amp;SC Development Department, 4 numbers through DMF funding and 4 through OMBADC funding during 2019-20 with total estimated cost of Rs. 64.77 Crore.</p> |
| 2.             | <p>The budgetary provision for infrastructure development of Govt. Polytechnics be raised from Rs. 52.00 Cr. To 90.00 Crores to ensure 100% hostel provision for girl students and adequate academic and laboratory facilities.</p>   | <p>The budget provision for the year 2019-20 under infrastructure development of Polytechnics has not been increased. An amount of Rs. 11.80 Cr has been leveraged through OMBADC for infrastructure development of limited Polytechnics viz. OSME, Keonjhar and UGIE, Rourkela.</p>  |
| 3.             | <p>In order to give adequate opportunity to the poor meritorious students to pursue technical education at affordable cost, Govt. had doubled the intake capacity of all five Govt. engineering colleges and two technical universities during 2013-14 and 2014-15. However,</p>  | <p>The budget provision for the year 2019-20 under infrastructure development of Engineering Colleges has not been increased.</p>   |

|    |   |   |
|----|---|---|
|    | <p>there was no proportionate development of academic infrastructure, hostel facilities and laboratories, as a result which it is found difficult to obtain AICTE approval for the increased sanctioned strength.</p> <p>Hence the budgetary provision under the head 'infrastructure development of Technical Universities/Engg. Colleges' be increased from the present provision of Rs. 60.00 Crores to Rs. 100.00 Crores to meet the above requirements.</p>  |   |
| 4. | <p>Under the ADB assisted project for establishment of World Skill Centre, the state share for the project \$ 108 million, i.e. Rs. 748.20 crores and the ADB loan component is \$ 85 million, i.e. Rs. 594.00 Crores. However, in the BE-2019-20, there is provision of only Rs. 100.00 Crores which cannot ensure operationalisation of the project during current year. Hence, the budgetary provision under the head 'OSDP assisted by ADB' may be increased from the outlay of Rs. 100.00 Crores to minimum Rs. 400.00 Crores.</p> | <p>The budgetary provision under the head 'OSDP assisted by ADB' has been increased from Rs. 100.00 Crores to Rs. 220.00 Crores during the financial year 2020-21. Besides, Rs.50.00 Cr has been provided during the Supplementary Budget 2019-20.</p>  |
| 5. | <p>The only plumbing institute of the State at Pattamundei which imparting ITI education to the students in the various trades like Plumbing, Electrical, Mechanical, fitter etc. Steps may be renamed as Bijupatnaik Institute of Plumbing Technology. Required Budgetary allocation may be provided in the current year for the purpose.</p>  | <p>An advanced Plumbing Lab has been established at SIPT(ITI), Pattamundai in collaboration with Indian Plumbing Skills council (IPSC), New Delhi as 1<sup>st</sup> Party, DTET, Odisha as 2<sup>nd</sup> party and HSIL-CSRF as 3<sup>rd</sup> Party on dated 2<sup>nd</sup> November, 2019.</p> |