

# **SKILL DEVELOPMENT AND TECHNICAL EDUCATION DEPARTMENT**

## **Activity Report for the year 2020-21**

### **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.

In keeping with the aforesaid objectives sincere steps have been taken to provide all Student-centric Services online. At present 41 Services are being provided online, out of which 30 Services are covered under ORTPS Act, 2012.

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 entrusted with 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.

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

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

### **Achievements under ITI & Polytechnic Sectors**

The TVET Sector in Odisha has productively utilized COVID-19 lockdown period in a very planned manner beginning mid of March'2020. The focus has been centered on the following activities:

#### **Maintaining continuity of skill learning by learners staying safe at home:**

- Conduct of Online classes through VC, WhatsApp groups, Bharat Skills.
- Recording of left out theoretical classes of trainers for all one year & two year duration trades for final year students by using 3 dimensional visual rich digital contents of CTS syllabus at the studio of BPFTIO, Cuttack & telecast through DD-Odia channel.
- Preparation of instructional hand notes& question banks by the trainers and distribution of such notes at houses of students during 1<sup>st</sup> week of preceding months.

#### **Leveraging lockdown period for strengthening ITI HR & Infra:**

- Workshop re-orientation confirming to NSQF norms.
- Training of Jr. Trainers by experienced Trainers / Training Officers.
- Training of Trainers by Industry Personnel and through Webinars of Industry houses.
- Maintenance of machines of workshops and keeping those ready for new batches.

#### **Response to COVID-19 Crisis through preparation of innovative PPEs:**

- Government ITIs Berhampur, Bhubaneswar, Cuttack & others have developed innovative products to fight against novel Corona Virus during lockdown period by utilizing professionalism of own manpower resources.
- The Personal Protective Equipments developed by the ITIs such as Foot operated Hand Sanitizer, Automatic Hand Sanitizers and Face Shields, Incubation Shield, Magnetic Stand for COVID 19 sample test, Auto Sanitizer Dispenser, Protected Shield, Aerosol Boxes, Thermal Sensor, automatic sanitizer dispenser , Multi Station Hand Sanitizer System, UVC based Shoe Sole Sanitizer Device, Robotic Sanitizer Device have drawn attention of National Media, recognitions of Office of the Chief Minister, Odisha, GoI in Ministry of Skill Development & Entrepreneurship, Ministry of HRD etc.

- The Products of Government ITI, Berhampur and Cuttack have found place in PM's Innovation Gallery. ITI Berhampur has joined the Patent Institute Club of the country for preparing and applying for Patent in 3 innovative products namely Mobile Swab Collection Kiosk, UVC Sole Sanitizer and UVC Robo Warrior.

### **Training in Life Skills including Employability Skill through Professional Agency:**

- Total 61 Trainers of Tata STRIVE have been engaged for taking online classes through Zoom VCs with the Sr. trainees of all 49 ITIs.

### **Training of Trainers through Online:**

- The Trainers of ITIs have been assigned to attend online classes on IoT, Python Programming, AI, Microcontroller through NIMI Online; IoT by Scientech Technologies, Indoor on AI & Internet of Things, Innovative Digital Contents & webinars on R&AC & Automotive studies by LabTech International, Basic Welding Training by Lincoln Electric as available during this lockdown period.

### **Training of Trainers through Sr. Trainers of ITIs:**

- 315 Trainers of ITIs have undergone ToT programmes through Sr. /experienced Trainers of ITIs and Industry Personnel.

### **Training through Digital Content Syllabus :**

- The digital contents as per syllabus of ITI are being provided on digital platform for larger benefit & interest of students.
- The digital contents of 03 Diploma Branches of Government Polytechnics are also in the pipeline for introduction.

### **Training in IoT/ New Age Trades:-**

- It has been ensured that the ITIs, which are to have IoT/ New Age Trades are to be properly equipped with trained manpower and run those courses from Aug, 2021 with NCVT affiliation.
- DGT, New Delhi has been moved with proposal for making these trades of minimum 02 years' duration by clubbing up the existing 6 months and 1-year duration trades so that students will have a career progression for Diploma education through lateral entry.

**Smart Class Rooms: -**

- 20 ITIs already have their Smart Class Rooms with Life Skills training. The additional Life Skill Class Rooms shall be established out of budgetary provisions during 2021-22.

**Mini Tool Rooms: -**

- Eight Mini Tool Rooms are attached to ITIs for improving skills in manufacturing sector.
- The infrastructure activities of remaining 5 MTRs, which are going to be set up at Talcher, Malkangiri, Jharsuguda, Rourkela and Keonjhar, are to be operationalised in the current year with hand holding support of CTTC, Bhubaneswar.
- Four Technology Extension Centres, set up at Berhampur, Bhawanipatna, Keonjhar and Balasore in collaboration with CTTC.

**Skill Museums:-**

- Skill Museums have been established at Government ITI, Cuttack, Berhampur and Bhubaneswar.
- All Government ITIs and Polytechnics of OMBADC areas are to have Skill Museums based on a model plan & standard cost.

**Industry Sponsored Workshops in ITIs and Polytechnics:-**

- M/S SakRobotic has been entrusted with the setting up of Robotics labs at 10 ITIs and 10 Polytechnics.
- The MoUs with L&T CMM; Sandvik Mining & Rock Technologies and Asian Paints Ltd for add-on skills training in selected ITIs are in the pipeline.

**MoUs with Industries to set up Centres of Excellences in ITIs and Polytechnics:**

- MoUs have been signed with 13 Industries to setup Centres of Excellences at various Government ITIs and Polytechnics. Setting up of sponsored labs with high-end machines, Train the Trainers for their skill & knowledge development and hands-on-finishing skill training for ITI trainees and Polytechnic students for improving employability are being carried out through all such CoEs.

### **Grading of Polytechnics:-**

- As an integral component of initiatives under 5T, Grading of Polytechnics has been initiated to ensure quality education and a vibrant learning ecosystem in Polytechnic institutions in the state.
- Parameters have been laid down for such grading in conformity with the AICTET norms and the self assessment reports of Government Polytechnics in terms of such norms, have been uploaded in SCTE&VT portal.

### **Maintaining continuity of learning by Polytechnic students staying safe at home:**

- The training activities of all 35 Engineering Schools and Polytechnics were suspended from 16.03.2020. But the faculties operated online classes and were available on phone during the lockdown period. Teaching was conducted through Zoom VC & WhatsApp groups by use of power point presentations and Question Banks were made available on all subjects. The remaining topics of final year students were recorded at the studio of BPFTIO, Cuttack in the 1<sup>st</sup> phase for broadcasting by DD. Good faculties of Cuttack and Bhubaneswar both of Govt and Pvt. Institutes / retired faculties/Industry personnel were engaged for delivery of lecturer of such classes with effect from 25.04.2020.

### **Launch of CISCO NetAcad Program for students of ITI, Polytechnic and Engineering Colleges in partnership with CISCO**

- CISCO a global conglomerate providing solutions in the Network, Systems, cyber security space headquartered in USA has tied up with Odisha Skill Development Authority to impart Digital Skilling in Networking & Systems space for the students of ITI, Polytechnic and Engineering Colleges. In the first phase the government institutes have been covered and in next few months it will be rolled out in private institutes (if they wish to). This program is part of CISCO's CSR initiative to skill students so that they get a job in the IT / ITES sector.

### **Partnership with Microsoft:**

- The skill development through online portal of Microsoft Learning which has 1800 courses on Microsoft products, platforms and other modules have been made available freely for students of Odisha.

### **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 and 5 Govt. Engineering Colleges functioning in the State.
- 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 2020-21:

| <b>Name of the Course</b> | <b>Number of Colleges</b> | <b>Intake Capacity</b> | <b>No. of students admitted during 2020-21</b> |
|---------------------------|---------------------------|------------------------|--|
| <b>Engineering</b>        | 88                        | 31932                  | 10404  |
| <b>MBA</b>                | 82                        | 8316                   | 6177   |
| <b>MCA</b>                | 38                        | 2112                   | 1558   |
| <b>B.Pharm</b>            | 19                        | 1565                   | 1562   |
| <b>M.Pharm</b>            | 17                        | 718                    | 644  |
| <b>M.Tech</b>             | 42                        | 2670                   | 551  |
| <b>B.Arch</b>             | 4                         | 160                    | 154  |

## NEW INITIATIVES

### SAP programme:

- 2000 students of Govt. Engineering & Management Colleges are being imparted training in SAP Programme which shall make them Industry ready & improve their employability substantially.
- OSDA has entered into agreement with SAP & Times-Pro for giving this opportunity to our students.

### Coursera programme

- Agreement has been signed with Coursera for providing the opportunity to our students & faculty in advanced on-line courses for their career advancement. More than 7,500 students have registered and more than 4,500 learners are active on the Coursera platform.

### Centers of Excellence

- Two Centers of Excellence(CoE), one on Artificial Intelligence and Machine Learning has already been established in CET, Bhubaneswar in association with Tech Mahindra Ltd. and one on Space Research and Innovation in VSSUT, Burla in collaboration with ISRO. The said Space Research Center is named as Surendra Sai Space Innovation Center.

Besides the above, the following CoEs are proposed to be established in different Government Engineering Colleges in coming days in collaboration with leading National/International Industries as mentioned against each:-

| Name of College  | CoE  | Organization     |
|------------------|--|------------------|
| PMEC, Berhampur  | High Performance Computing                                     | C-DAC            |
|                  | Value Addition to Rare Earth Material                          | IREL Chatrapur   |
|                  | Aviation and Automotive Industry                               | Dassault Systems |
| CET, Bhubaneswar | Joint Center of Excellence for carrying out research Programme | ICT, Bhubaneswar |
| GCE, Keonjhar    | Mining, Minerals and Metallurgy                                | Dassault Systems |



- All the semester examinations have been conducted online for all the Technical students of the state, by BPUT, VSSUT and SCTE&VT to ensure smooth career progression of the students during the COVID-19 pandemic period.
- VSSUT is ranked 119 in the NIRF ranking 2020 (Engg) conducted by Ministry of Human Resource Development, Govt. of India during May, 2020.

## **SKILL DEVELOPMENT & EMPLOYMENT SECTOR**

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

- Government of Odisha has launched an inclusive skill development strategy in the name of Chief Minister's Employment Generation Programme in 2014-15.
- Under this scheme, Line Departments implement their own schemes meant for their target groups dovetailing resources from all Central and State sector schemes. Ten major Departments are engaged in such skill development activities including 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 etc.
- During the period between 2014-15 to 2018-19, 10,38,301 youths were covered under the programme. Govt. has set a further target of skilling 15 lakhs youth in the next 5 years (2019-20 to 2023-24) @ 3 lakhs per annum, under which 3,27,815 youth have been trained till date.

### **Placement Linked Training Programme:**

- OSDA is conducting Placement Linked Training Programme 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.

- 96,914 youth have been trained under PLTP programme in the year (2011-12 to 2020-21) out of which 26,639 youth have been placed in different industries / organizations.
- In addition to 18 existing Project Implementing Agencies industry partners such as Swiggy, VLCC and ICICI Academy of Skills etc have been empanelled as Training partners for imparting such skill training.

### **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). PMKVY is implemented by NSDC under the guidance of MSDE. 17.95 lakh people completed fresh trainings and 1.8 lakh people were up-skilled as part of RPL trainings in PMKVY-1.
- Owing to its successful first year implementation, the Union Cabinet has approved the Scheme for another four years (2016 - 2020) to impart skilling to 10 million youth of the country. Pradhan Mantri Kaushal Vikas Yojana (2016 - 2020) called as PMKVY 2.0 is a modified and improved version of PMKVY-1.
- Institutional arrangements comprising of the National Skill Development Corporation (NSDC), Sector Skill Councils (SSCs), Assessing agencies and Training Partners are already in place for implementation of the scheme.
- The PMKVY 2.0 Scheme is being implemented by the Centre along with the States. It has two components:
  - a. 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)
  - b. Centrally Sponsored State Managed (CSSM): 25% of the funds of PMKVY 2.0 is allocated to the States.
- 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 sectors.

- Under PMKVY 2.0 (CSSM) 9,941 youth have been trained in the year 2018-19 to 2019-20. With the launching of PMKVY3.0 with effect from 1<sup>st</sup> January, 2021, 1061 youth have been enrolled under the state component so far.
- Under PMKVY (CSCM), 96,123 youth have been trained between 2016-17 to 2020-21. 52,888 candidates have been placed.

### **Deen Dayal Upadhyaya Koushalya Yojana (DDU-GKY)**

- Deen Dayal Upadhyaya Koushalya Yojana (DDU-GKY), the placement linked skilling initiatives for rural youth, is the flagship skill development programme under the Ministry of Rural Development, Govt. of India.
- In the state of Odisha, DDU-GKY is being implemented by Odisha Rural Development and marketing Society (ORMAS) under the aegis of the Panchayati Raj and Drinking Water Department, Govt. of Odisha since 2014.
- Under DDU-GKY 1,83,627 youth have been trained between 2014-15 to 2020-21. 1,27,192 candidates have been placed.

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

- OSDA is extending financial support to other Development Departments for conducting skill development training programme in their sectors for their respective target groups. Under this programme Commerce & Transport Department is imparting training in the following four components :
  - 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.

### **Promoting Entrepreneurship through “Nano- Unicorn”**

- 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. As of now, 250 young entrepreneurs have been identified, trained in Entrepreneurship Development and Rs.2,30,95,000/- as refundable risk capital has been extended. MoU with Tata Strive has also been signed for effective implementation of the Program.
- 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.

### **Eye Mitra Opticians**

- In order to create opticians for growing needs in the rural areas, OSDA has partnered with Essilor India to impart Self-Employment linked training “Eye Mitra opticians (EMOs)”. After completion of training, the trainees get into basic vision screening and establish their own shops for vision testing and provide clients with affordable pair of spectacles.
- The project is designed in such a way that each of the EMO can address the need for vision correction and at the same time can earn livelihood from self-employment by way of dispensing the spectacles from their own “**Eye Mitra Optician Stores**”.
- In order to undertake this self-employment linked “Eye-Mitra” training program, two Training Centers are operational (one at Berhampur and another at Balasore).
- So far, 58 youth have been certified under the programme and 35 Eye Mitra Optical set up has been established.

### **Organization of Job Fair**

- OSDA in association with District Administration is conducting Job fairs for offering platform to the job seekers for access to a wide range of employers. A total number of 246 job fairs have been organised in 2008-2009 to 2019-20 in which 1,35,858 job letters have been issued to the job seekers over a period of time.

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

- OSDA is facilitating organisation of Recruitment Rallies in collaboration with Defence Forces for the youth of the state for their entry in to Defence and Para-

Military Services. In the last five years (2014-15 to 2019-20), 28 Recruitment Rallies have been conducted in which 5202, candidates have been selected.

### **Model Career Centres**

- Model Career Centres (MCC) 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.
- MCC aims to connect the local youth and other job-seekers with all possible job opportunities in a transparent and effective manner through National Career Service Portal. MCC is also providing counseling 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. 65 recruitment drives have been conducted in which 1812 youth have been placed. Further, it is mentioned that MCCs are leading the placement in renowned companies like TechM, ICICI, Swiggy, Reliance Jio etc.. Besides, 5882 candidates have also been given one to one to counseling during the period and they have been linked to skill training.
- Three more Model Career centres sanctioned by the Ministry of Labour & Employment, GoI are going to be set at District Employment Exchange, Ganjam, Berhampur, Keonjhar and Koraput by December, 2020. As part of Aspirational District initiative, NITI Aayog in partnership with CII is setting 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):**

- 30 Skill Development Centres have been set up one in each district and four additional SDCs at Begunia in Khurda, Pallhara in Angul, Gaisilet and Barpali in Bargarh Districts and 38 Skill Development Extension Centres in the campus of Govt. ITIs 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 72 SDC/SDECs, 65 have been completed and 23 SDCs and 30 SDECs have become operational. Operationalisation of these 56 SDCs/SDECs has led to substantial increase in the number of youth being trained annually. Fourteen SDCs currently have the hostel facilities and in rest SDCs, hostels are going to be set up in a phased manner.

### **World Skill Centre, Bhubaneswar**

- The Odisha Skill Development Project (OSDP) was conceptualized by the Government with ADB funding for training of around 200,000 youth in high-end technology to increase their skills, employability and income.
- The World Skill Centre is coming up in Bhubaneswar, housed in an iconic 18-storied Tower covering nearly half a million square feet of floor space with the state-of-the-art facility to run long-term training 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 project had envisaged transforming skills development system in Odisha by establishing eight new ASTIs and invigorating government ITI under a hub-and-spoke model.
- The proposed model aimed to expand the State's training capacity, uplift the quality of skills training, and strengthen the market relevance of training programs, which would enhance the skills and employability of young workforce for the high-demand priority sectors.

### **Skill Development initiatives**

- **Mobility Professional for “Mo-Bus”**

Tata Community Initiative Trust (TCIT) was engaged by the OSDA for developing and creating ‘Mo Bus – Guides and Captains’ as mobility ambassadors for Smart City Bhubaneswar. OSDA, CRUT and Tata Strive are collaborating for

multi-wave programme for the 1600 Mobility Professionals in a time bound manner. As on date, 1044 Captains and Guides have been enrolled.

### **Digital Skilling-DIGITALL**

- As a part of New Dimensions to Skilling & Employability initiative, Skill Development & Technical Education Department has undertaken various initiatives in last one year in order to realize its vision of Skilled in Odisha professionals are recognised and respected globally. In the Digital space, a program called DIGITALL (Digital Skilling for ALL: An all-inclusive program under the banner of OSDA) is making steady progress in imparting Digital Skilling to all the students of the state.

## BRIEF NOTE ON THE BUDGET ESTIMATE FOR THE YEAR 2021-22

Rs. In Lakhs

| No. | Scheme Details   | Resource  | Budget Provision 2019-20 | Actuals 2019-20 | Budget Provision 2020-21 | BE+Suppl 2020-21 | Actual Expenditure up to 31.01.2021 | Budget Provision 2021-22 |
|-----|--|-----------|--------------------------|-----------------|--------------------------|------------------|-------------------------------------|--------------------------|
| 1   | 2  | 3         | 7                        | 9               | 10                       |                  |                                     |                          |
| 1   | L&E-101207-Infrastructure Development of ITIs  | Others    | 8000.00                  | 7787.69         | 8000.00                  | 8000.00          | 2679.51                             | 6000.00                  |
| 2   | Technical Education-Infrastructure Development of Engg. Schools/ Polytechnics                | Others    | 5000.00                  | 4818.09         | 4000.00                  | 4000.00          | 1149.81                             | 3000.00                  |
| 3   | Technical Education-Infrastructure Development of Technological Universities/ Engg. Colleges | Others    | 6000.00                  | 6000.00         | 7800.00                  | 7800.00          | 1100.00                             | 6000.00                  |
| 4   | L &E-101207-Craftsment Training – Skill Development of youth through ITIs.                   | Others    | 3161.00                  | 2847.08         | 3023.72                  | 3023.73          | 504.46                              | 2399.99                  |
| 5   | Labour& Employment-101207-Craftsman Training under Skill Development Mission/PMKVY           | CSS       | 4249.02                  | 989.00          | 1200.05                  | 2234.71          | 1556.90                             | 1300.04                  |
| 6   | Technical Education-RUSA   | CSS       | 2508.45                  | 30.0            | 500.00                   | 500.00           | 0.00                                | 438.23                   |
| 7   | Labour& Employment-101207-Craftsman Training – Construction Building                         | SS of CSP | 396.02                   | 396.00          | 0.00                     | 0.00             | 0.00                                | 0.00                     |



| No. | Scheme Details  | Resource  | Budget Provision 2019-20 | Actuals 2019-20 | Budget Provision 2020-21 | BE+Suppl 2020-21 | Actual Expenditure up to 31.01.2021 | Budget Provision 2021-22 |
|-----|---|-----------|--------------------------|-----------------|--------------------------|------------------|-------------------------------------|--------------------------|
| 8   | Estt. Of exclusive campus for Higher learning programme by CIPET- State Contribution (New)                                      | SS of SSS | 500.00                   | 500.00          | 50.00                    | 50.00            | 0.00                                | 0.01                     |
| 9   | Technical Education- - Research & Training- OSME-Keonjhar   | CSS       | 61.96                    | 55.62           | 70.52                    | 70.52            | 34.44                               | 53.11                    |
| 10  | L &E-101206- Employment Service- OSDP (ADB)   | EAP       | 15000.00                 | 15000.00        | 22000.00                 | 22000.00         | 3000.00                             | 10000.00                 |
| 11  | L &E-101206- Employment Service- Construction of Building   | Others    | 190.00                   | 40.81           | 45.00                    | 45.00            | 0.00                                | 50.00                    |
| 12  | L &E-101206- Employment Service-  | Others    | 0.00                     | 0.00            | 0.00                     | 0.00             | 0.00                                |                          |
| 13  | L &E-101206- Employment Service- Model carrier center /National Career Service Project for Interlinking of Employment Exchange. | CSS       | 137.91                   | 137.85          | 206.74                   | 206.74           | 51.86                               | 113.07                   |
| 14  | L &E-101207- Employment Service- craftsman training- Sankalpa Project(WB)   | EAP       | 100.00                   | 0               | 400.00                   | 400.00           | 0.00                                | 0.00                     |
| 15  | L &E-101208-Odisha State Self Employment Mission/ OSDA  | Others    | 600.01                   | 0               | 68.00                    | 68.00            | 0.00                                | 50.00                    |

| No. | Scheme Details  | Resource | Budget Provision 2019-20 | Actuals 2019-20 | Budget Provision 2020-21 | BE+Suppl 2020-21 | Actual Expenditure up to 31.01.2021 | Budget Provision 2021-22 |
|-----|---|----------|--------------------------|-----------------|--------------------------|------------------|-------------------------------------|--------------------------|
| 16  | Technical Education-Improving employable skill through Polytechnics | Others   | 651.00                   | 576.39          | 423.28                   | 423.29           | 177.98                              | 450.00                   |
| 17  | Technical Education-100201-IEC Activities-NA                        | Others   | 50.00                    | 43.95           | 50.00                    | 50.00            | 5.35                                | 50.00                    |
| 18  | CS  |          | 0.02                     | 0.00            | 0.00                     | 0.00             | 0.00                                | 0.00                     |
|     | <b>Total Programme Expenditure</b>                                  |          | <b>46605.39</b>          | <b>39222.48</b> | <b>47837.31</b>          | <b>48871.99</b>  | <b>10260.31</b>                     | <b>29904.45</b>          |
|     | <b>Administrative Expenditure</b>                                   |          | <b>32454.90</b>          | <b>31223.22</b> | <b>34663.94</b>          | <b>34663.96</b>  | <b>21251.47</b>                     | <b>36499.55</b>          |
|     | <b>Total</b>  |          | <b>79060.29</b>          | <b>70445.70</b> | <b>82501.25</b>          | <b>83535.95</b>  | <b>31511.78</b>                     | <b>66404.00</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.450.00lakhs** has been provided for **2021-22.**

**2. 3246-Establishment of Exclusive Campus for higher learning Programme by CIPET-State matching Contribution-A sum of Rs.0.01 lakhs** provided for **2021-22.**

**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 **2021-22.**

#### **(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.6000.00 lakhs** provided for **2021-22.**

##### **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.3000.00 lakhs** provided for **2021-22.**

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

**6. 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 **2021-22**.

**7. 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**2021-22**.

**8. 2936-78502-Upgradation of Existing Polytechnics;** Infrastructure development for up-gradation of existing 13 Polytechnics- **Rs.0.01 lakh** has been provided for **2021-22**.

**9. 2936-78504-Community Development through Polytechnics (CDTP)–** Training under the scheme- **Rs.0.03lakhs** has been provided for **2021-22**.

**10. 2936-78602-Infrastructure Development of Technical Universities:** For Development of Two Technical Universities a sum of **Rs.200.00 lakh** has been provided for **2021-22**.

**11. 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**

**12. 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.53.11 lakh** has been provided for **2021-22**.

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

## **State Sector Schemes**

**1.0951-National Apprenticeship Training;** Operationalising NAT scheme during 2021-22 a sum of **Rs. 2394.97 lakhs** has been provided which includes the sub-scheme that is 14 Apprenticeship zone and HQ

- i.** Payment to PTGIs under PPSS -500.00 lakhs
- ii.** Training of ITI Trainers-39.77 lakhs
- iii.** QCI Accreditation & NCVT affiliation of it is—Rs.10.00 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.500.00 lakhs
- vi.** Life Skill Training through professional agency-Rs. 500.00 lakhs and
- vii.** Green Passage i.e. Exemption of fees and payment of stipend to orphans-Rs 50.00 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 lakhs** has been provided for **2021-22**.

**3. 3392-SANKALPA Project- World Bank (EAP)-**a sum of Rs. 200.00 lakh has been provided for **2021-22**.

**4. 2788- Establishment of CPC at Bhubaneswar:** Establishment and operationalisation of Central Placement Cell at Bhubaneswar to streamline placement of Government ITIs and polytechnics: **Rs.0.01 lakhs** has been provided for **2021-22**.

**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 **2021-22**.

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

**1. 2466-Infrastructure Development of it is;** Provision of latest equipment and machineries for the existing Government ITIs (ii)Infrastructure support including workshop development of existing Government ITIs, establishment of new

Government ITIs & SDCs for civil works and procurement of goods–**Rs.6000.00 lakhs** has been provided for **2021-22**.

**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 **10000.00 lakhs** has been provided for **2021-22**.

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

**3. 2935-78513-Skill Development of youths in 34 Districts affected by LWE(25% State Share)**-; Infrastructure development of 5 ITIs and 10SDCs at five LWE affected districts of Sambalpur, Deogarh, Malkangiri, Rayagada and Gajapati-**Rs.300.00 lakh** has been provided for **2021-22**.

**4. 3254-PMKVY-18069-Skills Strengthening for industrial value enhancement (STRIVE)**- **Rs.800.00 lakhs** has been provided for **2021-22**.

#### **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.50.00 lakhs** has been provided for **2021-22** to be spent towards Skill Development Training & Placement Linked training programme.

**2. 2935-78604-A sum of Rs.113.07 lakhs** has been kept for the establishment of **Model Carrier Centre at District Employment office** during **2021-22**.

##### **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.50.00 lakhs** has been provided for **2021-22**.

## COMPARATIVE STATEMENT OF THE BUDGET PROVISION & EXPENDITURE FOR THE YEAR 2018-19, 2019-20, 2020-21, 2021-22

Rs in lakhs

| Name of the Major Head  | Budget Provision 2018-19 | Actuals 2018-19 | Budget Provision 2019-20 | Actuals 2019-20 | Budget Provision 2020-21 | Expenditure up to 31.01.2021 | Budget Provision 2021-22 |
|---|--------------------------|-----------------|--------------------------|-----------------|--------------------------|------------------------------|--------------------------|
| <b>State Sector Scheme</b>  |                          |                 |                          |                 |                          |                              |                          |
| 2203-Technical Education  | 200.43                   | 200.28          | 701.01                   | 620.34          | 473.29                   | 183.33                       | 500.00                   |
| 2230-Labour & Employment  | 1894.17                  | 1889.14         | 3861.01                  | 2847.08         | 3491.73                  | 504.46                       | 2449.99                  |
| 4059-COL on Public Works  | 307.41                   | 129.32          | 190.00                   | 40.81           | 45.00                    | 0.00                         | 50.00                    |
| 4202-COL on education,sports,art& culture(Infrastructure dev. Of colleges/universities) | 20500.00                 | 19723.15        | 11500.00                 | 11318.08        | 11850.00                 | 2249.81                      | 9000.01                  |
| 4250-COL on other social Services(Infrastructure dev. Of ITIs & OSDP)                   | 8100.02                  | 7971.54         | 23396.03                 | 23183.69        | 30000.00                 | 5679.51                      | 16000.00                 |
| <b>Total</b>  | <b>31002.03</b>          | <b>29913.43</b> | <b>39648.05</b>          | <b>38010.00</b> | <b>45860.02</b>          | <b>8617.11</b>               | <b>28000.00</b>          |
| <b>Centrally Sponsored Scheme</b>   |                          |                 |                          |                 |                          |                              |                          |
| 2203- Technical Education   | 59.96                    | 41.19           | 209.40                   | 55.62           | 117.33                   | 34.44                        | 53.14                    |
| 2230-Labour & Employment  | 4351.00                  | 2231.82         | 4086.92                  | 1126.85         | 1573.45                  | 962.16                       | 1113.11                  |
| 4202-COL on Education, Sports, Art & Culture  | 2260.02                  | 1058.33         | 2361.01                  | 30.00           | 453.19                   | 0.00                         | 438.20                   |
| 4250-COL on other social Services   | 200.00                   | 50.86           | 300.01                   | 0.00            | 868.00                   | 646.60                       | 300.00                   |
| <b>Total</b>  | <b>6870.98</b>           | <b>3382.2</b>   | <b>6957.34</b>           | <b>1212.47</b>  | <b>3011.97</b>           | <b>1643.20</b>               | <b>1904.45</b>           |
| <b>Grand Total</b>  | <b>37873.01</b>          | <b>33295.63</b> | <b>46605.39</b>          | <b>39222.47</b> | <b>48871.99</b>          | <b>10260.31</b>              | <b>29904.45</b>          |

| <b>Administrative Expenditure (EOM)</b> |                 |                 |                 |                 |                 |                 |                 |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| 2203- Tech Edn                          | 20799.53        | 19506.76        | 24201.69        | 23524.89        | 26365.11        | 15044.02        | 27674.41        |
| 2230-Lab & Emplo                        | 7026.84         | 5928.79         | 7619.55         | 7112.07         | 8067.03         | 5850.42         | 8280.38         |
| 2251-Secretariat Social Services        | 500.66          | 473.07          | 633.66          | 586.26          | 531.82          | 357.03          | 544.76          |
| <b>Total</b>                            | <b>28327.03</b> | <b>25908.62</b> | <b>32454.90</b> | <b>31223.22</b> | <b>34663.96</b> | <b>21251.47</b> | <b>36499.55</b> |

## ACTION TAKEN REPORT ON THE OBSERVATIONS / RECOMMENDATIONS OF THE COMMITTEE

| Sl. No | Observations/Recommendations  | Compliances   |
|--------|---|---|
| 1      | Due to low pay scales, considerable number of Lecturers in Government Polytechnics are leaving their jobs as Assistant Executive Engineer or similar other jobs in the Government where the salary level is in the scale of pay of Level 12 of ORSP Rules, 2017(Jr.Class-I). Since most of the States have implemented AICTE Scale of Pay, the same facility should be extended to all Lecturers, Senior Lecturers and Principals of Government Polytechnics/ Engineering Schools so as to retain better talents in Polytechnic Institutions.   | The proposal was sent to Finance Department for consideration. Finance Department has returned the proposal with the observation that this may be resubmitted after normalisation of COVID pandemic.  |
| 2      | In order to facilitate qualitative technical education for the poor and meritorious students of the state, Government has ordered capacity expansion in Government Engineering colleges, Polytechnics and ITIs . But proportionate teaching & non-teaching posts in these institutions have not been created commensurate with such capacity expansion as per AICTE/DGT norms. Government should create adequate teaching and non-teaching posts in Government Technical Institutions so as to fulfil the norms of AICTE/DGT and shall ensure quality improvement in teaching in Government Technical Institutions. | The posts required for 24 new ITIs has been submitted to Government. Out of these, 10 ITIs are to get NCVT affiliation from Aug, 2021 session since building constructions are over.<br>Government in FD has been pleased to clear 9 posts each for new ITIs at Bhandaripokhari, Daringbadi, Kotagarh and Kutra being set up under MSDP for Welfare of Minorities. Besides, posts for new ITI, Nandapur being set up under LWE scheme have been sanctioned. The proposed posts for new ITIs at Parjang, Paradeep, Kantabanjhi, Birmaharajapur and Koida needs to be sanctioned early. |
| 3      | Since lack of hostel accommodation for boys & girls in Government Technical Institutions like ITIs , Polytechnics and Engineering colleges has come in the way of enrolment in such institutions, more funds be provided for construction of hostels, specially hostels for girls. This will facilitate poor and meritorious students and particularly girl students to pursue Technical Education.   | ST & SC Development Department has considered the proposal for construction of 120 seated Girls Hostels at ITI, Berhampur, Chhatrapur, Shergarh, Bhubaneswar and Hirakud. 20 more Girls' Hostels are proposed under SSD funding to meet the requirement of girls' residential facilities in ITIs which have the target to enroll atleast 30% girls.<br>Similarly, 8 more hostels are being constructed in different ITIs under DMF/OMBADC fund (4 each).  |
| 4      | In order to create a vibrant eco-system for short terms skilling in our State, all Skill Development Centers and Skill Development Extension Centers should have hostel facilities and priority be given for hostel accommodation for girl trainees.  | Hostels are under construction in SDC of Jajpur and Mayurbhanj districts under OMBADC funding. Efforts are being made to construct hostels in other SDCs, with special emphasis on construction of girls' hostels to accommodate the girls coming from interior areas.  |



|   |   |   |
|---|---|---|
| 5 | Budget provision for Government Polytechnics/Engineering schools has sharply declined from Rs.100 crores in 2018-19 to Rs.40 crores in 2020-21. Since, this is inadequate to provide adequate infrastructure as per AICTE norms, this be enhanced to at least Rs.60 crores. | Budget provision for 2020-21 has remained unchanged.  |
| 6 | Since Government ITI, Boudh is now being shifted to the campus of Government Polytechnics, Nuapali, Boudh which is about 15 Kms from districts headquarters, adequate transport facility may be provided for its students to the new campus.                                | The ITI, Boudh has been functional at new location since December, 2020. Out of total 428 trainees strength, 122 boy's trainees stay in boys' hostel and 64 girls' trainees stay in adjacent girls' hostel of Government Polytechnic. Others are day-scholar trainees. The matter of plying of buses in the ITI & Polytechnic route has been taken up with district administration, Boudh.  |
| 7 | Necessary Budget Provision should be made for improvement and construction of ITI Centre, Chhata of Kendrapada district.  | The State Institute of Plumbing Technology(ITI) is functional at Pattamundai and one more Government ITI is under construction at Rajkanika of Kendrapara district. Considering the viability issues and additional posts creation matters, the proposal for setting up of 3 <sup>rd</sup> ITI in Kenrapara district at Chhata has not been submitted.  |
| 8 | Necessary training should be given to the students of Pattamundai ITI as Centre of Excellence and upgrade to the Diploma Institute in the interest of public.   | The plumbing lab of SIPT(ITI), Pattamundai has been upgraded with CSR intervention of HSIL in collaboration with Indian Plumbing Skills Council. The proposal for upgradation of the ITI to Diploma status has not been submitted to Government in view of the fact that one Government Polytechnic is already functioning at Chhata in Kendrapara district with the Civil Engineering Branch, which can be upgraded with focus on Plumbing Skills. |

\*\*\*\*