ECONOMIC REVIEW

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মিশন
নির্মল বাংলা

2018-19

Sabooj Sathi
Wheels of Change

স্বাস্থ্য সাথী প্রকল্প
আপনার পরিবারের কোন কোন সদ
নাম আছে জানবেন কিভাবে

Krishak Bandhu Scheme

Department of Planning & Statistics
Government of West Bengal

Technical Education, Training & Skill Development

4.22 Introduction

The Department of Technical Education, Training & Skill Development administers schemes on Technical Education at Diploma Level through Polytechnics, Craftsmen Training through Industrial Training Institute and Industrial Training Centres, formal vocational training through Vocational Training Centres, non-formal Vocational Training through Community Polytechnics and Short Term Vocational Training for improvement and expansion of Technical Education in the State. Government of West Bengal has an integrated approach to Skill Development in West Bengal. The Technical Education, Training & Skill Development (TET & SD) Department is the nodal Department for the State Government for skill interventions of youths in engineering and non-engineering trades, along with various other engineering trades through its Polytechnics, ITIs/ ITCs, VTCs, VTPs and private affiliated institutes. The TET & SD Department through its Directorates and Councils supervises functioning of 248 ITIs, 152 Polytechnics and 2747 VTCs, operating all over the State.

4.23 Polytechnic

33 Diploma courses and 2 Post-diploma courses are being conducted in the different Polytechnics in the State. Part-time Diploma in the morning session is conducted in the I.C.V. Polytechnic, Jhargram for tribal students. An additional Part-time Diploma in Mining Engineering is also conducted at H.B Institute of Technology & Mining, Raniganj. Progress in Polytechnic Education up to December, 2018 is presented below:

Table No. 4.11
Number of Polytechnics and Intake Capacity in the Polytechnic Institutes of West Bengal

(in Number)

Year	Polytechnics	Intake Capacity
2011-12	70	17185
2012-13	80	20815
2013-14	89	24415
2014-15	113	30805
2015-16	130	33947
2016-17	146	37315
2017-18	152	37943
2018-19 (Up to December, 2018)	153	38045
Percentage Increase as on 2018-19 w.r.t 2011-12	118%	121%

Source: Department of Technical Education, Training & Skill Development, Government of West Bengal.

Table No. 4.12
Financial Achievement

(Rs. in crore)

Year	Fund Released	
	Establishment of New Polytechnics	Expansion/ Repair/ Maintenance of Existing Polytechnics
2011-12	15.56	17.27
2012-13	20.96	15.20
2013-14	30.87	26.46
2014-15	50.95	31.94
2015-16	108.48	33.17
2016-17	50.56	26.57
2017-18	29.71	24.24
2018-19 (till December, 2018)	22.11	26.13

Source: Department of Technical Education, Training & Skill Development, Government of West Bengal.

Achievement

In keeping with the decision of setting up of Government Polytechnic in all Sub-Divisions of the State, major thrust has been given on establishment and operationalisation of new Government Polytechnics

- Since 2011, 27 new Government polytechnics have already been operationalised bringing the total number of Government & Government sponsored Polytechnic to 69 as compared to 40 before 2011.

- 1 new self-financed polytechnic has been set-up in the State during the academic year 2018-19.

- The approved intake capacity of polytechnics has increased to 38,045 in 2018-19, including students under Lateral Entry Scheme, compared to a total approved intake capacity of 17,185 before 2011.

- WBSWAN connectivity with 2 Mbps bandwidth installed at 66 Government Polytechnics is being upgraded to 34 Mbps. The work order has already been awarded to Webel Technology Ltd.

- Video Conference with the Principals of Government Polytechnics across the State is done on regular basis.

- Two class rooms of every Government Polytechnics have been converted to Smart Class Rooms so that teachers and students can utilise the latest teaching-learning techniques. The work has mostly been accomplished.

- Sanitary Napkin Vending machines with incinerators have been installed at 10 Polytechnics.

- Online application software for JEXPO & VOCLET has been developed in-house by the Council and has been introduced in 2018-19.
- Online registration process of admitted students under different categories has been introduced in academic year 2018-19.
- Online counselling software has been developed in-house by the Council and introduced in the system w.e.f. 2018-19 which has drastically reduced the cost of the online counselling process.
- Transfer of students through online application procedure, developed in-house by the Council, has been introduced in 2018.
- New examination software has been developed in-house by the Council and the same will be introduced in the system shortly.

Future Plan

- Construction work of 9 new Government Polytechnics at Mirik, Kalimpong, Behala, Mathabhanga, Itahar, Kaliachak, Uluberia, Basirhat and Canning are in the advanced stage and is expected to start from the academic session 2019-20.
- Construction of boys/ girls hostel/ staff quarter at newly constructed polytechnics.
- Online examination facilities for the students of Polytechnics.
- Installation of CCTVs at the institutes.
- Setting up of language laboratories at every Government Polytechnics.
- Internet Bandwidth of the institute is proposed to be increased to facilitate the e-governance initiatives of the Government

4.24 Industrial Training Institute

Craftsmen Training Scheme, Apprenticeship Training Scheme and Skill Development Initiative Scheme (MES) are being implemented under the Directorate of Industrial Training, West Bengal. 55 NCVT trade courses under Craftsmen Training Scheme and 53 NCVT trade courses under Apprenticeship Training Scheme are being conducted in the State.

Achievement

- Sanitary Napkin Vending machines with incinerators have been installed at 10 ITIs on Pilot Basis which will be replicated to other remaining institutes.
- Construction of 22 new ITIs at different blocks has been completed and construction of 12 more new ITIs are in progress.

- The approved intake capacity of ITIs has increased to 80809 in 2018-19 compared to a total approved intake capacity of 17636 before 2011.

- Wi-fi facilities have been provided at 47 existing Government ITIs. Remaining ITIs will be covered shortly.

Table No. 4.13
Growth in ITI Training

(in Number)

Year	Affiliated ITIs	Intake Capacity
2011-12	106	20012
2012-13	116	21222
2013-14	117	21446
2014-15	155	35346
2015-16	155	35346
2016-17	235	66710
2017-18	248	69025
2018-19 (Up to November, 2018)	268	80809

Source: Department of Technical Education, Training & Skill Development, Government of West Bengal.

Future Plan

- The Department has decided to set up a 3-storied Alo Hub Building at Chandannagar, Hooghly to impart training on traditional decorative lighting of Chandannagar and promote its manufacturing.

- In order to provide English speaking and soft communication skills for the polytechnic and ITI students, the Department will tie up with the British Council and Mahindra Pride Classrooms respectively.

- 22 new ITIs will start functioning during 2019-20.

4.25 Vocational Education & Training Programme

Achievement

- CSS-VHSE scheme has been implemented in 600 schools from class IX through private training providers.

- The Department has already upgraded 200 existing VTCs where existing Vocational Courses such as 2-3 Wheeler Mechanic, Amin Survey & Electric House Wiring & Motor Winding aligned with National Qualification Register (NQR) through WBSCT & VE & SD are taught from July, 2018 session. Additionally, the Council has also registered 15 Trade courses in NQR, the courses are of six months duration.

- The Department has permitted WBSCT & VE & SD to affiliate 200 new VTCs in concurrence with the Finance Department. The affiliation process is in progress.

A. In the Financial Year 2018-19, 2714 VTCs are imparting Vocational Education & Training whereas the number of VTCs in Financial Year 2017-18 was 2747. Details are furnished below.

Table No. 4.1
Status of Vocational Education in West Bengal

(in Number)

Session	Exam	Registered Students	Pass out Students
2017-18	VIII+	158675	126529
	XII	42454	23651
2018-19 (up to 30.11.2018)	VIII+	75494	Exam will be held in Jan. '19
	XII	30212	Exam will be held in Mar. '19

Source: Department of Technical Education, Training & Skill Development, Government of West Bengal.

B. An account of the financial performance of the Vocational Education and Training is presented in the table below.

Table No. 4.15
Financial Achievement

(Rs. in crore)

Year	Fund Released	
	Revenue Head (State Plan)	Capital Head
2011-12	102.01	8.12
2012-13	133.75	5.87
2013-14	148.55	3.51
2014-15	100.39	0.74
2015-16	107.11	6.16
2016-17	110.97	4.55
2017-18	129.15	7.23
2018-19	91.16	1.40

Source: Department of Technical Education, Training & Skill Development, Government of West Bengal.

Future Plan

- Strengthening of existing VTCs by upgrading the Curricula in line with National Qualification Register (NQR) for VIII+ level short term courses, Laboratory & Training of Teachers/Instructors.

- Implementation of Vocational Education in 76 Schools under CSS-VHSE Scheme.

4.26 Paschim Banga Society for Skill Development (PBSSD)

Achievement

- Since the inception of *'Utkarsh Bangla'* programme on 16th February, 2016, by the Hon'ble Chief Minister, Smt. Mamata Banerjee, PBSSD has set up a training infrastructure to train 6 lakh persons annually.

- 462 Training Partners with 1836 active Training Centres are presently training in 34 skill sectors under State Plan.

- Under Deen Dayal Upadhyaya Grameen Kaushalya Yojana (DDUGKY), 26 Project Implementing Agencies with 64 active Training Centres are imparting training in 22 skill sectors.

- Special Training in collaboration with the Directorate of Correctional Services has been organized at the Alipore Women's Correctional Home for 20 inmates in Housekeeper cum Cook and soft skill.

- PBSSD digital e-governance platform (pbssd.gov.in) has been developed for end to end lifecycle of the training programme.

- PBSSD in association with Bengal Chambers of Commerce and Industries organized a CXO meet where more than 80 CXO's, HR Heads, Regional Heads and senior representatives from the corporate across 15 different focused sectors participated.

- PBSSD is going for a partnership with the British Council to impart capacity building sessions for enhancing their employability.

- Setting up of District Level PBSSD to cater more demand-oriented training programme.

- Recognition of Prior Learning, a certification and up skilling programme has been done for the plumbers of Kolkata Municipal Corporation.

A. The amount of fund released under different modes is presented in the table below.

Table No. 4.16
Financial Achievement

(Rs. in crore)

Mode	Released Amount	Remarks
Project mode	17.03	Training cost
DDUGKY	14.61	Advance (25%) Project cost
DDUGKY	1.26	Support cost
Total	**32.91**	

Source: Department of Technical Education, Training & Skill Development, Government of West Bengal.

B. The scheme was launched in 2016. The progress of skill training is shown in the box below:

(in Number)

2016-17	2017-18	2018-19	
		Target	**Achieved**
458075	500101	600000	515010

Source: Department of Technical Education, Training & Skill Development, Government of West Bengal.

Future Plan

- PBSSD plans to impart training in convergence with the Forest Department and in convergence with the districts to tea plantation workers and their families.

- Under **'Swapna Bhor'** programme, skill development work is being planned for **'Kanyashree'** (K2) recipients in convergence with Women & Child Welfare Department. This category of girls will be called K4.

- The Department plans to work in convergence with SHG & SE Department to provide self-employment to PBSSD trained candidates under **'Swami Vivekananda Swanirbhar Karmasangsthan Prakalpa'** (SVSKP).