



## **Technical Education Prosperous Bangladesh**



**Explore Technical Education in every house**

Directorate of Technical Education  
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[www.techedu.gov.bd](http://www.techedu.gov.bd)

## **Vision**

Human Resource Development, Economic Development and Improve livelihood through Technical and Vocational Education& Training.

## **Mission**

Providing directions, policies, Programs, Projects, standards and monitoring toward quality technical and vocational education and training.

## **Strategic Goals**

- Increasing 20% enrollment rate in TVET by 2020
- Introducing emerging technology as per demand of National and International job market
- Creating self employment for unemployment youths by providing entrepreneurial skills
- Accelerating poverty reduction through TVET skills
- Achieving SDGs target through Technical and Vocational Education& Training

## **Overall development of Technical and Vocational Education**

### **A. Major Achievements (2009-2015)**

#### **i) Development of Physical Infrastructure**

- 5 Storied DTE Building with Lift Facilities
- 4 Polytechnic Institutes
- 3 Engineering Colleges
- 8 Regional Director's Office
- 3 Women Hostel at Dhaka Polytechnic, Dhaka Mohila Polytechnic & VTTI
- 2 Academic cum Workshop Building at TTTC, Tejgon, Dhaka & VTTI, Bogra
- Renovation and maintenance work of 64 Technical school and colleges
- Up gradation of Textile College into Bangladesh University of Textiles.

#### **ii) Enhancement of Skills & Policies**

- Student Admission in TVET 2008-09 = 2,61,138 and 2015-16 = 5,85,388. Increased 124.17 %
- 'National Skills Development Policy-2011' developed & approved
- Formation of National Skills Development Council (NSDC)
- Formulation and Introduction of 'National Technical and Vocational Qualifications Framework'(NTVQF)
- Introduced Recognition of Prior Learning (RPL)
- Development of 'National Strategy for Gender Equality in TVET'
- Formation of 12 Industry Skills Council (ISC)
- Introducing 2<sup>nd</sup> Shift in all Polytechnic and Technical School & Colleges
- Piloting CBT & A in 8 TVET institutions
- Required 1,015 Teachers (Contractual ) in Polytechnic Institutes
- Required 320 Teachers (Contractual ) in Technical School & College
- Trained 492 Teachers and officers in foreign country under STEP, SDP & TVET Reform project
- Trained 28,894 teachers & staffs in country
- Established 450 Multimedia Class room in 118 Institutions
- 2424 manpower of 6 development projects is transferred into revenue budget
- Increased female quota for admission in TVET from 10% to 20%
- Introduced 5% quota for Differently Able People (DAP) in Polytechnic and TSC admission
- Introduced online admission in all Government Polytechnic Institute since 2010

- MPO in 1613 private institutions.
- MPO 17,264 Teachers & Staffs'
- Provided stipend to 2,43,232 poor students in 43 public and 50 private polytechnic institutes @ BDT 800 per month
- Provided stipend to 68,602 trainees in 64 Short training course institutions @ BDT 700 per month
- National Skills Competition Started since 2014
- 72 Teachers assessed as Master trainer

## **B. Running Activities**

### **i) Development of Physical Infrastructure**

- Establishment of 100 Technical School (TS)
- Establishment of an Engineering College at Barisal District
- Vertical extension of DTE building from 5<sup>th</sup> floor to 7<sup>th</sup> floor
- Construction of Main gate with approach road
- Establishment of Starter Lab with the help of NYPI, Singapore
- Procurement of machinery and Equipments for emerging Technology.

### **ii) Enhancement of Skills & Policies**

- Establishment online office management system of DTE along with the institutions
- Providing Stipends 2,10,000 Students of Government & Private TVET Institutions
- Providing stipend to 9,605 trainees in 56 Short training course institutions @ BDT 700 per month
- Provided Implementation Grant BDT 2410 million to 25 public and 8 private Polytechnic institutes
- Providing Implementation Grant @BDT 70 million to another 12 public and 12 private Polytechnic institutes
- To develop skilled human resources for the world of work, B-SEP, STEP and SEP-B project are running
- Foreign Training for 1500 Teachers and Officials in Singapore, China and India
- Local Training for 7000 Teachers and Staffs
- Introducing E-Book with Multimedia class room
- Introducing Emerging Technology
- Strengthening Industry Institution linkage
- Restructuring of existing Organogram for DTE manpower
- Implementation of NTVQF
- Ranking of TVET Institutions with 10 Specific criteria
- Implementation of Annual Performance Agreement (APA)
- Strengthening green practices in TVET Institutions
- Strengthening facilities for Differently Able People (DAP)
- Strengthening job placement cell in every in TVET Institutions
- Modernization of curriculum as per need for the world of work
- Training of 80,000 youths in garments and 30,000 in Construction Sector under SEP-B project
- Launching Community based training
- Developing Research Culture in TVET Institutions

## **C. Future plan**

### **i) Development of Physical Infrastructure**

- Vertical extension another 4 floors of DTE building
- Creating Facilities for Additional 100,000 (One lac) Students Enrolment

- Establishment of 23 World Class Polytechnic Institute
- Establishment of 389 Technical School & Colleges (2<sup>nd</sup> phase)
- Establishment of 4 Engineering Colleges
- Establishment of 4 Land Survey Colleges
- Establishment of 8 Women Technical School & Colleges
- Establishment of 4 Women Polytechnic Institutes
- Modernization of Technical Teachers Training College (TTTC) and Vocational Teachers Training Institute (VTTI)
- Establishment of National Institute of Technical Teachers Training and Research (NITTTR)
- Modernization of 64 Technical School and Colleges

#### ii) Enhancement of Skills & Policies

- Increasing 30% enrollment rate in TVET by 2030
- Integration of Teachers & Staffs for Quality Assurance & Skills Development in 64 Technical School and Colleges
- Establishing Center of Excellence (COE) for RMG sector
- Capacity Building of TVET Teachers, Staffs and officials

#### Statistics of Technical and Vocational Institutions

Institute Category	No.
Technical Teachers Training College	01
Engineering College	03
Vocational Teachers Training Institute	01
Polytechnic Institute	49
Technical School and College	64
SSC Vocational with MPO	856
HSC Business Management with MPO	728
Madrasha With MPO (Vocational & Business Management)	18
Non Government Diploma Institute	977
Non-Government Secondary Level and Others Institute	4192
<b>Total TVET Institutes</b>	<b>7770</b>

#### Statistics of TVET Students for 2015-2016

Courses	Male Student	Female Student	% of Female	Total Student
SSC Vocational	200576	92198	31.49%	292774
Dakhil Vocational	4805	2327	32.62%	7132
HSC Business Management	174463	79549	31.31%	254012
HSC Vocational	19729	3331	14.44%	23060
Diploma in Engineering	250357	24523	8.92%	274880

Basic Trade (360 Hr)	114165	51997	31.29%	166162
<b>Total Students</b>	<b>764095</b>	<b>253925</b>	<b>24.94%</b>	<b>1018020</b>

Courses	Male Student	Female Student	% of Female	Total
B.Sc Engineering	978	186	15.97%	<b>1164</b>
B.Sc in Technical Education	36	11	23.40%	<b>47</b>
Diploma in Technical Education	80	21	20.79%	<b>101</b>

### Major Initiatives taken for female students in Technical & Vocational Institutions

- Establishment of 8 Women Technical School & Colleges in 8 Divisions
- Establishment of 4 Women Polytechnic Institution remaining 4 Divisions
- Provided 100% stipend to female students
- Increased female quota for admission from 10% to 20%
- Development of National Strategy for Gender Equality
- Ensured separate Toilet, Hostel and Common room facilities for female students in all TVET institutions
- Introduced women friendly Trade/ Technology (Architecture & Interior Design, Electronics, Garments Design & Pattern making, Data telecommunication etc.) in TVET institutions
- 524 women (Teachers, Officers and Staffs) working under DTE

### Networking and Development Partner

Development Partner: WB, ADB, EU, SDC, ILO, DFID, CIDA, IDB, JICA, KOICA, Swiss Contact etc  
International & Regional Networking

- Colombo Plan Staff College (CPSC), Manila, Philippines
- UNESCO-UNEVOC, Bonn, Germany
- ITEES, Singapore
- Nanyang Polytechnic International, Singapore
- TESDA, Manila, Philippines
- Swinburne University, Australia
- Samsung India Private Limited
- NITTTR, Chennai, India
- PSSCIVE, Bhopal, India
- BRAC Bangladesh