



R F D

(Results-Framework Document)
for

Department of Technical Education
(2012-2013)

Section 1: Vision, Mission, Objectives and Functions

Vision

Creation of Human Resources pool with spectrum of Technical Competencies which serve as an instrument of bringing about technical transformation.

Mission

Expanding access to Technical Education & Training to all eligible persons particularly the weaker & disadvantaged sections of society through expansion & up-gradation. Improve the quality standards of education & training by regular revision of curriculum through strong Industry interaction.

Objectives

- 1 Creation of Quality Technical & Skilled Man Power.
- 2 Up gradation ,expansion of Infrastructure and introduction of New Courses/Curriculum.
- 3 To strengthen Institute and Industry Interaction.
- 4 To ensure effective Implementation of Skill development mission through Govt. and private Institutions, ITI's and VTP/Skill development centers
- 5 To provide opportunities of Technical and Vocational Education to socially and Economically Weaker section of society by providing greater opportunities for Women, SC/ST/OBC, differently abled Persons and other weaker sections of the society
- 6 Creating of skilled manpower under non-formal education system under Skill Development Mission through Vocational Training Providers.

Functions

- 1 Human Resource Development in the field of Technical and Vocational Education & Training
- 2 Monitoring and Expansion of Technical and Vocational Institutions
- 3 Assessing and identifying Technical/Vocational education needs and designing training/skill development programs accordingly
- 4 Formulation of Policy in the field of Technical and Vocational Education/Training
- 5 Collaborate with Industry and other Stake holders and involve them in design of Programs/curriculum and other activities
- 6 Assist the trained Students/Trainees in their placement.
- 7 To provide guidance and counseling to the students/trainees
- 8 Provide tailor made/ customized training/skill development programs to the Industry and other user organizations.

Section 1: Vision, Mission, Objectives and Functions

- 9 Provide Training/skill development Programs to the weaker, persons with disabilities and underprivileged class of Society.
- 10 Dissemination of Information and Transfer of appropriate Technology to Stake holders.

Section 2: Inter se Priorities among Key Objectives, Success indicators and Targets

Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
[1] Creation of Quality Technical & Skilled Man Power.	44.00	[1.1] increase in admissions	[1.1.1] %age of students intake increased	%age	10.00	12	10	08	07	06
		[1.2] Completion of prescribed curriculum	[1.2.1] Percentage of students passing	%age	11.00	70	66	62	60	55
		[1.3] Placement of pass out students	[1.3.1] Percentage of pass-outs Placed	%age	10.00	60	57	53	50	45
		[1.4] Number of faculty Trained	[1.4.1] Number of Faculty/staff Trained	%age	4.00	35	33	28	25	23
		[1.5] Fill up the vaccant Positions on Substantiative basis	[1.5.1] Posts referred to SSRB/PSC	%age	3.00	90	85	80	77	75
			[1.5.2] Positions filled	%	5.00	70	65	60	58	55
		[1.6] Introduce e-Governance/ e-Management in the Institutions	[1.6.1] Number of Institutions brought under e-Governance/e-Management	Number	1.00	4	3	2	1	--
[2] Up gradation ,expansion of Infrastructure and introduction of New Courses/Curriculum.	20.00	[2.1] Completion of Civil Works	[2.1.1] % of Funds utilized	%age	5.00	95	90	85	80	75
			[2.1.2] % of Works Completed	%age	3.00	80	76	72	65	60
		[2.2] Create new Labs/Workshops& upgraded existing ones	[2.2.1] Number of Labs Created/ upgraded	Number	4.00	25	20	17	15	12
		[2.3] Start Works for New Institutions.	[2.3.1] Number of institutions Created	Number	4.00	05	04	03	02	01
		[2.4] Introduction of new Courses/Trades.	[2.4.1] Number of new courses/ trades introduced	Number	4.00	05	04	03	02	01

Section 2:

Inter se Priorities among Key Objectives, Success indicators and Targets

Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
[3] To strengthen Institute and Industry Interaction.	10.00	[3.1] Identification of Industry for interaction	[3.1.1] Number of Industries identified	Number	3.00	06	05	03	02	01
		[3.2] Training of Students in Industry	[3.2.1] % of Students Trained	Number	6.00	500	450	425	390	350
		[3.3] Expert/Extension Lectures Delivered by Resource persons from Industry	[3.3.1] Number of Lectures Delivered	Number	1.00	10	08	06	05	04
[4] To ensure effective Implementation of Skill development mission through Govt. and private Institutions, ITI's and VTP/Skill development centers	10.00	[4.1] Register Institutions for Providing Skill Development Training	[4.1.1] Number of Institution Registered	Number	5.00	25	22	20	18	16
		[4.2] Training of Students in Modular Skilled Courses.	[4.2.1] Number of students Trained	Number	3.00	600	550	500	475	450
		[4.3] Place pass-out Trainees	[4.3.1] Trainees Placed	%age	2.00	25	22	20	17	15
[5] To provide opportunities of Technical and Vocational Education to socially and Economically Weaker section of society by providing greater opportunities for Women, SC/ST/OBC, differently abled Persons and other weaker sections of the society	10.00	[5.1] Reserve admission seats for women	[5.1.1] Number of Seats Reserved	Number	2.00	100	80	70	65	55
		[5.2] Reserve admission seats for SC/ST/OBC/Persons with Different ability	[5.2.1] Number of Seats Reserved	Number	2.00	90	85	80	70	65
		[5.3] Create additional Hostel seats for Women/OBC/SC/ST	[5.3.1] Number of Hostel Seats Created	Number	4.00	80	60	50	40	30

Section 2:

Inter se Priorities among Key Objectives, Success indicators and Targets

Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
		[5.4] Trainee Students under CDTP/other special Schemes for disadvantaged section of society	[5.4.1] Number of students Trained	Number	2.00	3000	2700	2500	2200	2000
* Efficient functioning of RFD system	6.00	Timely submission of Draft for Approval	On-time submission	Date	2.0	26/12/2012	27/12/2012	28/12/2012	29/12/2012	30/12/2012
		Implementation of Sevottam	Create a compliant system to implement, monitor and review Citizen's / Client's Charter	Date	2.0	24/03/2013	25/03/2013	26/12/2013	27/12/2013	28/03/2013
			Create a Compliant system to redress and monitor public Grievances	Date	2.0	24/03/2013	25/03/2013	26/03/2013	27/03/2013	28/03/2013

* Mandatory Objective(s)

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	Unit	Actual Value FY 10/11	Actual Value FY 11/12	Target Value FY 12/13	Projected Value for FY 13/14	Projected Value for FY 14/15
[1] Creation of Quality Technical & Skilled Man Power.	[1.1] increase in admissions	[1.1.1] %age of students intake increased	%age	--	--	10	--	--
	[1.2] Completion of prescribed curriculum	[1.2.1] Percentage of students passing	%age	--	--	66	--	--
	[1.3] Placement of pass out students	[1.3.1] Percentage of pass-outs Placed	%age	--	--	57	--	--
	[1.4] Number of faculty Trained	[1.4.1] Number of Faculty/staff Trained	%age	--	--	33	--	--
	[1.5] Fill up the vaccant Positions on Substantiative basis	[1.5.1] Posts referred to SSRB/PSC	%age	--	--	85	--	--
		[1.5.2] Positions filled	%	--	--	65	--	--
	[1.6] Introduce e-Governance/ e-Management in the Institutions	[1.6.1] Number of Institutions brought under e-Governance/e-Management	Number	--	--	3	--	--
[2] Up gradation ,expansion of Infrastructure and introduction of New Courses/Curriculum.	[2.1] Completion of Civil Works	[2.1.1] % of Funds utilized	%age	--	--	90	--	--
		[2.1.2] % of Works Completed	%age	--	--	76	--	--
	[2.2] Create new Labs/Workshops& upgraded existing ones	[2.2.1] Number of Labs Created/ upgraded	Number	--	--	20	--	--
	[2.3] Start Works for New Institutions.	[2.3.1] Number of institutions Created	Number	--	--	04	--	--
	[2.4] Introduction of new Courses/Trades.	[2.4.1] Number of new courses/ trades	Number	--	--	04	--	--

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	Unit	Actual Value FY 10/11	Actual Value FY 11/12	Target Value FY 12/13	Projected Value for FY 13/14	Projected Value for FY 14/15
		introduced						
[3] To strengthen Institute and Industry Interaction.	[3.1] Identification of Industry for interaction	[3.1.1] Number of Industries identified	Number	--	10	02	20	30
	[3.2] Training of Students in Industry	[3.2.1] % of Students Trained	Number	--	940	400	1600	1800
	[3.3] Expert/Extension Lectures Delivered by Resource persons from Industry	[3.3.1] Number of Lectures Delivered	Number	--	35	10	75	90
[4] To ensure effective Implementation of Skill development mission through Govt. and private Institutions, ITI's and VTP/Skill development centers	[4.1] Register Institutions for Providing Skill Development Training	[4.1.1] Number of Institution Registered	Number	--	157	20	100	80
	[4.2] Training of Students in Modular Skilled Courses.	[4.2.1] Number of students Trained	Number	--	1200	1600	10000	10000
	[4.3] Place pass-out Trainees	[4.3.1] Trainees Placed	%age	--	200	250	1200	1400
[5] To provide opportunities of Technical and Vocational Education to socially and Economically Weaker section of society by providing greater opportunities for Women, SC/ST/OBC, differently abled Persons and other weaker sections of the society	[5.1] Reserve admission seats for women	[5.1.1] Number of Seats Reserved	Number	--	3200	200	4390	4700
	[5.2] Reserve admission seats for	[5.2.1] Number of Seats Reserved	Number	--	2110	70	4300	4800

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	Unit	Actual Value FY 10/11	Actual Value FY 11/12	Target Value FY 12/13	Projected Value for FY 13/14	Projected Value for FY 14/15
	SC/ST/OBC/Persons with Different ability							
	[5.3] Create additional Hostel seats for Women/OBC/SC/ST	[5.3.1] Number of Hostel Seats Created	Number	--	120	60	300	300
	[5.4] Train Students under CDTP/other special Schemes for disadvantaged section of society	[5.4.1] Number of students Trained	Number	--	7000	2500	7500	8100
* Efficient functioning of RFD system	Timely submission of Draft for Approval	On-time submission	Date	--	--	27/12/2012	22/03/2013	21/03/2014
	Implementation of Sevottam	Create a compliant system to implement, monitor and review Citizen's / Client's Charter	Date	--	--	25/03/2013	28/06/2013	--
		Create a Compliant system to redress and monitor public Grievances	Date	--	--	25/03/2013	28/06/2013	--

* Mandatory Objective(s)

Section 4: Acronym

Sl.No	Acronym	Description
1	AICTE	All India Council for Technical Education
2	CDTP	Community Development through Polytechnics
3	DGET	Director General Employment & Trainings
4	ITIs	Industrial Training Institutes
5	MOU	Memorandum of Understanding
6	OBCs	Other Backward Classes

Section 4: Acronym

Sl.No	Acronym	Description
7	SC	Schedule Cast
8	ST	Schedule Tribe

Section 4:

Description and Definition of Success Indicators and Proposed Measurement Methodology

Sl.No	Success indicator	Description	Definition	Measurement	General Comments
1	[1.1.1] %age of students intake increased	<p>a) The admission to the Polytechnics is made through the Entrance Examination Conducted by the Board of Professional Examination normally in the month of May- June every year on the basis of the merit of the entrance test.</p> <p>b) The admission to the ITI's is made on the basis of the academic merit of the Qualifying Examinations.</p>	It refers to the students admitted in the Polytechnic Colleges & ITIs through competent authority.	The number of the students admitted timely in these Institutions has bearing on the performance of the Institutions & the number indicates the relevance & market of the courses offered	
2	[1.4.1] Percentage of pass-outs Placed	The end result of the training is the placement of the students in different sectors.	When a trainee/ students gets a job in any sector	The number of pass outs placed actually determines the efficiency and the quality of training provided in these Institutions.	null
3	[2.2.1] Number of Labs Created/ upgraded	It is very important to up-grade and add on to the existing facilities for providing the quality and Industrial oriented training to the students/Trainees.	Up-gradation and creation of new Labs by procuring the latest State of art Machinery /Equipment ,Tools	Number of labs Upgraded by introducing latest equipment and creation of new required labs indicates the delivery of updated knowledge/skill to the Students	The life cycle of the technology is decreasing with the passage of time, therefore, it is important to keep pace with the changing world
4	[2.4.1] Number of new courses/ trades introduced	Due to advancement of Technology new areas of Training emerge and there is a need to provide Training in these areas. This is only possible if need based new courses/trades are	To remain competitive new courses are to be introduced by removing the obsolete ones	The number of new courses /trades introduced determines the introduction of Training in new and advanced Technologies	

Section 4:

Description and Definition of Success Indicators and Proposed Measurement Methodology

Sl.No	Success indicator	Description	Definition	Measurement	General Comments
4	[2.4.1] Number of new courses/ trades introduced	introduced in the Existing and new Institutions.	To remain competitive new courses are to be introduced by removing the obsolete ones	The number of new courses /trades introduced determines the introduction of Training in new and advanced Technologies	
5	[3.1.1] Number of Industries identified	Without the linkage of the institutions with the Industry it shall not be possible to expose the student to the actual world of work. For this purpose industries are to be identified which can collaborate and assist the Institutions in this regard,	It refers to the identification of industries related to various courses taught for training & learning process	The number of Industries identified shall indicate the success of this activity	
6	[3.3.1] % of Students Trained	To expose the students to the Industrial Processes and Management it is imperative to train the students in the Industry which shall expose the students to the Industrial activities and shall help them in their future.	It gives hands- on experience to students/trainees	Number of students exposed to the actual world of work through industrial training is indicative of success of this activity	In general it is believed that only 40% of students who have passed various technical & vocational courses are employable. To bridge the gap it is the best suited option to provide hands-on experience to the students
7	[4.1.1] Number of Institution Registered	The economic progress is directly linked to the skill development. Besides this the skill development addresses the alarming problem of the unemployment. For this purpose the skill development programs are offered in the Technical institutions both Govt. and Private.	Various institutions both in government as well as private sector are assessed in their respective fields to register them as Vocational Training Providers (VTP).	Number of Institutions registered indicates has the bearing on the quantity and quality of skill development program.	India has launched National Skill Development Mission. This activity is directly linked to realize the goal of this mission

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

Sl.No	Success indicator	Description	Definition	Measurement	General Comments
8	[5.1.1] Number of Seats Reserved	In order to provide Technical Education/Vocational training to women we need to ensure the reservation of seats for women so that they have adequate participation in getting the benefits from Technical and vocational Education programs.	Providing exclusive opportunities to women by providing the reservation in the admissions.	The number of seats reserved for women indicates their participation in Technical and Vocational Education	
9	[5.3.1] Number of Hostel Seats Created	In order to facilitate the Women/OBC/SC/ST Education we need to provide them adequate facilities so that they get motivated to take up these programs.	To provide and reserve the Hotel seats for Women/OBC/SC/ST & other disadvantageous groups.	The number of seats created indicates the facility in terms of hostel accommodation in the Institutions.	

Section 5 :
Specific Performance Requirements from other Departments

Location Type	State	Organisation Type	Organisation Name	Relevant Success Indicator	What is your requirement from this organisation	Justification for this requirement	Please quantify your requirement from this Organisation	What happens if your requirement is not met.
			Department of PWD (R & B)	[2.1.2] % of Works Completed [2.3.1] Number of institutions Created	Construction of Buildings	Govt. approved executing agency	95%	Targets will not be met
			Department of Housing & Urban Development	[2.1.2] % of Works Completed	Authorized Govt executing agency	Execution of civil workf		will effect the target value
			Other States	[2.4.1] Number of new courses/ trades introduced [2.4.1] Number of new courses/ trades introduced	Approval	mandatory	100%	Activity can not be started
			Department of General Administration	[1.6.2] Positions filled	Appoint new faculty and staff through PSC/SSRB	Mandatory as per CSSR	80%	Will affect quality teaching learning process
			Performance Management Division	[1.5.1] Number of Faculty/staff Trained	Training of faculty/Staff through, NITTTR, ATI	Organizations Mandated for providing training to trainers	70%	Will affect the quality of pass out students
			TestOrg	[1.5.1] Number of Faculty/staff Trained				

Section 6: Outcome/Impact of Department/Ministry

Outcome/Impact of Department/Ministry	Jointly responsible for influencing this outcome / impact with the following department (s) / ministry(ies)	Success Indicator	Unit	FY 10/11	FY 11/12	FY 12/13	FY 13/14	FY 14/15
1 Availability of Quality Technical Manpower.	1. MHRD, GOI 2. Ministry of Labour & employment 3. AICTE, New Delhi 4. DGE&T, New Delhi 5.NITTTR, Chandigarh	Increase in pass percentage	%age			60%		
2 Reduction in unemployment of Youth	NSDC, India,	Placement of Passouts	%age			48%		
3 Empowerment of Women & other weaker sections of society.	MHRD, GOI, DGE & T, New Delhi, SC/ST Corporation, Ministry of Social Justice.	Reservation of admission seats for Women/SC/ST/OBC and differently abled Persons	Number			200		
		Creation of Hostel seats for Women/SC/ST	Number			80		
		Students trained under CDTP & other special schemes for weaker sections of society	Number			2000		