No. DGET-35(4) CoE –Recog-1/2011-NPIU
Government of India
Ministry of Labour & Employment
Directorate General of Labour & Employment
Shram Shakti Bhawan, Rafi Marg

New Delhi, July 27, 2011

To

The Addl. Member (Staff) Railway Board, New Delhi

(Kind attn: Sh P K Sharma, Addl Member)

Subject: Recognition of multiskilling courses offered in ITIs being upgraded as Centres of Excellence (CoE)

Sir,

You may kindly be aware that as a paradigm shift to the traditional ITI courses of six months to three years' duration, multiskilling courses are also being organized in various ITIs, being upgraded into Centres of Excellence (CoE) in order to meet the changed requirement of the Industry. A brief note in this regard is enclosed herewith at **Annex-I**.

- 2. The highlight of aforesaid courses is introduction of six multiskilling courses during the first year, followed by advanced/specialized courses in the next six months and then actual hands-on training in the industry in the last six months by adopting industry wise cluster approach, multi entry and multi exit provisions, and Public-Private-Partnership in the form of Institute Management Committee (IMC) to ensure greater & active involvement of industry in all aspects of training. The purpose is to train a multi skilled worker in place of a mono skilled as per demand of the industry.
- 3. So far such training is being organized in 21 sectors covering about 600 ITIs in the country as per list at **Annex-II**. Office Memorandum for Recognition of National Trade Certificate (NTC) of such multiskilling courses, Board Based Basic Training (BBBT) and Advanced courses, awarded to successful trainees for the purpose of recruitment to subordinate posts and services under the Central Govt. was issued vide our OM dated 22 Oct 2007 (**Annex. III**).

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- 4. Whereas it is heartening to note that industry has appreciated such multiskilling courses, which is in line with their requirement, their employment in the public sector has been lagging behind, probably because these courses have not been included in the relevant recruitment rules. While various Central Govt. Ministries/Department including M/o Railway are recruiting ITI passouts under conventional courses, they are yet to add such multiskilling courses in their Recruitment Rules(RRs). The vacancies advertised by various Division of Railway are based upon traditional ITI courses and therefore, passouts from multiskilling courses (popularly known as CoE) are not eligible to apply for these vacancies. Railways being one of the biggest employers of ITI passouts, inclusions of certificate holders of such multiskilling courses in their RRs will provide good opportunity of employment to passouts from such courses.
 - 5. Vide Gazette Notifications dated Nov.2007, July 2010 & Sept. 2010 (Annex-IV) Govt. of India has also notified various modules under Apprentices Act 1961, for facilitating Apprenticeship Training to such passouts. However, it is reported that they face difficulty in engagement in Apprenticeship training also.
 - 6. In view of the above, it is requested to kindly take necessary action in your organization so as to ensure the employment of multiskilled workforce trained in ITIs, which have been upgraded into Centres of Excellence. Wherever feasible, passouts may also be given an opportunity for undergoing Apprenticeship Training under the Apprentices Act, 1961 in your organization so that they learn industry specific skills before getting employed by the industry. We will be happy to provide any assistance, if required, in this regard.

Yours faithfully

(Sharda Prasad)

Direcot General/Joint Secretary Tel 23710∮446 Fax. 23351878 Email: <u>shardaprasad81@nic.in</u>

Copy to:

- 1. All the Secretaries/ Pr Secretaries of States/UTs dealing with ITIs.
- 2. All Directors / Commissioners to States/ UTs dealing with ITIs .
- 3. All Regional Directors, RDATs.

Multiskilling courses-(popularly known as COE)

Multiskilling courses (popularly known as CoE) is new model of vocational training program in the Craftsman Training Scheme (CTS) in India. It is a paradigm shift from the traditional mono-trade, single entry and exit vocational training program to multi-skilling multi- entry and exit program. It is also a shift from an entirely institution based to a blend of institution-cum-enterprise based training. While the traditional CTS provides training in one skill area, CoE is designed to provide set of skills relevant to one industry sector.

- 2. The industry-wise cluster approach is intended to ensure greater and active involvement of industry in all aspects of training from forecasting of training need, developing curriculum, training of trainers, providing experts as guest faculty and trade testing/certification. The main thrust of the program is producing multi skilled workforce of world standard by:
 - (i) Introducing multi skill modular courses as per the needs of industry.
 - (ii) Adopting new technology with close involvement of industry and other stakeholders in planning and implementing training programs.
 - (iii) Building partnership with nearby industries and setting up of Institute Management Committees (IMCs) to make training demand-driven.

Broad Based Basic Training (BBBT) courses have been introduced for the first year of training followed by Advanced & Specialised Modules (AM and SM) in the second year. Courses provide for multi-entry and multi-exit. The training program is designed on a sector basis, catering to the needs of a particular group of industries. The structure of COE courses is:

- (i) BBBT courses provide six modules of two months duration each, related to a particular industrial sector.
- (ii) AM courses are for six months, in the first half of the second year.
- (iii) BBBT and AM curricula have been developed in consultation with industry and are uniform across India.

- (iv) Trade Tests for BBBT and AM are at a national level under NCVT.
- (v) Successful trainees receive a National Trade Certificate for BBBT and a National Trade Certificate for AM.
- (vi) SM training is organized in the second half of the second year. It is intended to bridge the skill gaps as per the needs of industry in the region. Testing & certification is done jointly by State Govt. and Industry and certificates are recognized by NCVT.

Currently, 21 industry sectors have been identified for which curricula have been developed with the active involvement of Industry. The details of curricula and list of equipment are available at http://dget.nic.in/coe/main/index.htm. The list of ITIs covered so far under various sector are as under (list of ITIs enclosed):

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. No.	Sectors	Total no. of ITIs
	Agricultural Machinery	8
1		25
2	Apparel	COLUMN SAN CAMPANDANIAN 86 SEE SEE OLD DE LE
3	Automobile	4
4	Bamboo	1
5	Chemical	17
	Construction & Wood working	20
6	Electrical	116
7	Electronics	30
8	Fabrication (Fitting & Welding)	83
9	Food processing	9
10		12
11	Hospitality	2
12	Industrial Automation	40
13	Information Technology	4
14	Instrumentation	2
15	Leather goods	7
16	Plastic Processing	
17	Process Plant Maintenance	6
18	Production & Manufacturing	111
19	Ref & Air Conditioning	20
	Tourism	4
+20	Textile	4
21	Total	607

Funds to the tune of **Rs 2.50 cr / 3.50 cr.** have been provided/ are being provided to these ITIs for procurement of latest equipment, construction of workshops, training of trainers and other misc expenditure. Trainers of these institutes are being trained in central institutes under DGE&T, M/o Labour & Employment.

<u>List of BBBT/Advance module of MultiSkill courses under CTS being implemented through ITIs Upgraded to CoE</u>

<u> </u>	This cut		
SI.	Name of the	Name of BBBT Module (one year	Name of Advanced Module approved by
No	Sector	duration)	NVCT (6month duration
1.	2.	3.	4.
1.	Production & Manufacturing	 Basic Fitting & Measurement Basic Sheet Metal Worker and Welding Basic Electrical & Electronics & Computer skill Basic Turning & Grinding Basic Milling & Gear Cutting (Dies and Moulds) Basic NC Programming a. & Operation 	 CNC Machining CAD/CAM PLC & Automation Quality Engineering Manufacturing of Jigs & Fixtures Advance Welding Tool and Die Maker
2.	Electrical	 Basic Engineering Skill Basic Electrical Engineering Basic Electronics Basic Electrical Wiring and Winding Basic Power Generation Transmission & Distribution Basic Computer Operating Skill & its Application 	 Repair & Maintenance of Domestic Appliances Repair & Maintenance of Instruments used in Electrical Engineering Operation & Maintenance of equipments used in HT,LT,Sutstation & Cable Jointing Repair & Maintenance of Electrical Machine & Power Supply Non-Conventional Power Generation, Battery and Inverter
3.	Electronics	 Basic Fitting & Soldering Basic Electrical & Electronics Basic Analog Electronics Basic Digital Electronics Basic Measuring Instruments Basic Computers 	 Radio, Audio, Video System and Appliances Inverters, UPS, Voltage stabilizers and Industrial Drives Repair & Maintenance of Electronic Test Equipment Communication System Embeded System and PLC
4.	Automobile	 Basic Fitting & Measurement Basic Sheet Metal & Welding Basic Electrical Electronics Basic Microprocessor & Computer Operation Basic of Petrol & Diesel Engine Basics of Transmission, System & Breaks 	 Servicing & Overhauling of Automobiles(Petrol) Servicing & Overhauling of Automobiles(Diesel) Auto Electronics & Air Conditioning in Automobiles Overhauling of Fuel Injection System & Steering Mechanism Denting/Painting & Welding of Automobiles Repair & Maintenance of Wheel:Re-trading of Tyres & Wheel Balancing

1	2	3 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000	4
5	IT Sector	Basic Electrical & Electronics Basic Assembling and Maintenance of PC's Basic Computer Networking Basic Office Automation Basic Internet and Multimedia Basic Database Processing	 Multimedia & Animation Repair & Maintenance of Hardware of Computer & Pereipheral Computer Networking Digital Videography E - Accountancy & Office Management Multi Media & Creative Designing Information System Management
6	Hospitality Sector	 Basic Food Production Basic Food & Beverages Service (Steward) Basic Front Office Service Operation Basic accommodation operation/House Keeping Basic Computer Application Basic Hotel Maintenance 	1 Food Production 2 Front Office 3 Food & Beverage Service 4 House Keeping
7	Plastic Processing	Basic Fitting & Measurement Basic Electrical & Electronics & Computer Skills Injection Moulding Compression Moulding Extrusion Moulding Blow Moulding	 1 Injection Moulding Process 2 Blow Moulding Process 3 Extrusion Process & Compression Moulding 4 Ancillary Process
В	Refrigeration & Air Conditioning	 Basic Workshop Practices Electrical, Electronic & Electro-Mechanical Basic Refrigeration I Basic Refrigeration III Basic Refrigeration III Basic Refrigeration IV 	 Domestic, Commercial Refrigeration & Air Conditioning Central Air Conditioning Plant Industrial Cooling & Package Cold Storage, Ice Plant & Ice-Candy Plant
9	Instrumentation	 Basic Engineering Skill - 1 Basic Engineering Skill - II Basic Electricity & Electrical Instrumentation Basic Electronics & Electronics Instrumentation Basic Measurement & & Measuirng Instruments Basic Computer Skill 	 Industrial Electronics & Instrumentation, Analytical Instrumentation, Process Control Instrumentation Medical Instrumentation Optical Instrumentation Electronic Test & Measuring Instruments
10	Leather Goods & Footwear	1 Introduction to Leather & Production Knowledge 2 Footwear Technology 3 Footwear Designing 4 Leather Goods Designing Manufacturing 5 Leather Garments Manufacturing 6 Basic Computer Skills & CAD.	General Shoes Making Sports Shoes Making & Sports Goods'Making Leather Garments Making Travel Goods/Upholstery/Domestic Item Making

11	Chemical	 Fundamentals of Electronics and Computer Basic Fitting & Measurements Basic Mechanical Processes Fundamental of General Chemistry and Physics Basic Instrumentation Basic Unit Operations & Processes 	Attendant Operator, Maintenance Mechanic Instrument Mechanic Lab Assistant
12	Apparel	 Garment Technology Garment Sewing (Basic Sewing) Garment Sewing (Advanced Sewing) Pattern Making Computerized Pattern Making Quality Control Finishing & Packing 	1 Computer Aided Pattern Making 2 Fashion Designing 3 Shirts & Trousers
13	Fabrication	 Basic Fitting & Measurement Basic Sheet Metal Work and Fastening Basic Machine Shop Practice (turning milling & grinding). Basic Welding Metals & Surface Finishing Techniques Basic Electrical Electronics Computer Skills 	1 TIG/MIG WELDING 2 Structural /Pressure Parts Fitting 3 Structural Welding 4 Pressure Vessel & Pipe Welding 5 Welding inspection & testing
14	Construction & Wood Working	 1 Basic Architecture 2 Basic Building Construction 3 Basic Carpentry 4 Basic Plumbing 5 Basic Electrical 6 Basic5 Basic Electrical and Quality Surveying 	1 Concrete Technology 2 Modern Construction Techniques & Management 3 Wood Work in Construction 4 Form work & Bar Bending
15	Food Processing	 1 Food Preservation 2 Bakery Confectionary 3 Milk & Dairy Product 4 Agro Processing 5 Food Beverages 6 Processed Food 	1 Food and Vegetables Processing 2 Cereal, Pulses and Oilseed Processing 3 Food Beverage 4 Milk and Milk Products 5 Meat, Fish & Poultry Processing
16	Agriculture :Machineny	1 Basic Workshop Skill 2 Electrical Wiring & Electronics 3 Tractor and Power Tilers 4 Irrigation Machinery 5 Crop Production Machinery 6 Post Harvest Technology	 Repair and Maintenance of Harvesting «Machines Repair, Maintenance & Overhauling of Tractors Repair, Maintenance of post Harvesting Machines/Processing Machines Operation repair and Maintenance of Crop Production Machinery.

1	2	.3	4
17	Process Plant Maintenance	1 Basic Fitting 2 Basic Turning Machining 3 Basic Refrigeration & Air-Conditioning 4 Basic Instrumentation 5 Basic Electrician, Electronic & Computer 6. Basic Laboratory Technique	 Operator Chemical Plant Operation & Maintenance of Boiler & Steam Turbine Mechanical Maintenance of Processes Plant Processes Plant Mechanical Maintenance Repairing of Equipment Processes Plant Refrigeration & Air Conditioning Maintenance Electrical Maintenance of Process Plant Electronic and Instrument Maintenance of Process Plant Fabrication and Designing of Steel Structure
18	Bamboo Technology	 Basic Electrical & Basic Computer Auto Cad Basic Course on Bamboo Processing Basic course of Bamboo Processing Machine Basic course on secondary Processing of Bamboo. Basic course of construction & Furniture Making. Basic course on design Interpretation & Bamboo Handicrafts Products. 	
19	7 Tourism	 Tourism Concept & Impact. Tourism Product of India Geography for tourism Indian Society Culture & History. Computer Application & Tourism Industry English. 	1 Eco - Tourism 2 Tour & Travel Management 3 Hospitality Management
2	0 Industrial Automation	1 Workshop Practice 2 Computer Application in Industrial Automation 3 Electronics for Automation 4 Electrical for Automation 5 Process Instrumentation 6 Pneumatics & Hydraulics	Industrial Mechanical Maintenance Industrial Electrical Maintenance Industrial Electronics & Control

21	Tardila Duan		4
	Textile Processing & Technology Sector	 Basic Workshop Practices Fitting and Measurements Basic Electrical Electronics & Computer Operations Basics of Spinning Basic of Weaving Basic of Bleaching & Pinishing Chemistry of Dyeing 	 Advanced Spinning & Weaving Technology Advanced Bleaching Finishing & Dying Technology Repair & Maintenance of Textile Machinery & Equipment Advanced Textile Technology Technology of sizing Bleaching and Finishing Technology of Dyeing Technology of Printing Computer Aided Textile Design & Colour Testing of Chemicals and Textiles



List of ITIs being upgraded into CoE under World Bank assisted Vocational Training Improvement Project (VTIP)

State-wise details (2006-07 to 2008-09)

No.	State and number of ITIs being upgraded		ITI wise relevant details		
NO.	upgraded		Name of ITI	Sector selected	
1	2	3	4	5	
1	Andhra	2006-07	Visakhapatnam, Kancherlapalem	Automobile	
	Pradesh		Mett, Industrial Estate,		
			Vijayawada, Krishna District	Automobile	
			Kothagudem, Khammam District	Automobile	
			Sangareddy, Medak District	Automobile	
			Kakinada Eastgodavari Distt	Production and Manufacturing	
		2007-08	Tenali	Production & Manufacturing	
			Bobblli	Production & Manufacturing	
			Hyderabad (Old city)	Automobile	
			Peddapally	Automobile	
			Mancherial	Automobile	
			Nellore (B)	Electrical	
			Chittoor	Electronics	
		2008-09	Vakadu	Electrical	
]		Tirupati	Electrical	
			Vizianagaram (W)	Electrical	
			Nizamabad	Fabrication	
			Eluru	Electrical	
			DLTC / ITI Kurnool	Electrical	
			Nazividu	Fabrication	
			Kadappa (W)	Electrical	
		1	Hathnoora		
	Bihar	2006-07	Muzaffarpur	Production & Manufacturing Fabrication (Fitting & Welding)	
			Bhagaipur	Construction (Fitting & Weiding)	
		2007-08	Darbhanga		
		200, 00	Gaya	Information Technology	
			Motihari	Tourism	
	* *		Katihar	Agriculture Machinery Electrical	
		2008-09	Sitamarhi		
			Forbesganj	Electrical	
+	Chhattisgarh	2006-07	Koni Bilaspur	Fabrication	
	Cimattisgain	2006-07	Bastar	Instrumentation	
			Kurud	Industrial Automation	
İ			Ambikapur	Information Technology	
i		2007-08	Baloda Bazar, Distt. Raipur	Ref & Air Conditioning	
		2007-08	Dondi	Production & Manufacturing	
				Production & Manufacturing	
			Rajnandgaon	Electrical	
			Gaurella, Distt. Bilaspur Bhillai(Durg) Women	Electrical	
			Durg Women	Information Technology	
			Duig	Process Plant Maintenance	
	Delhi	2006-07	Arab Ki Sarai	Production & Manufacturing	
		2007-08	Sir CV Raman ITI, (Formerly Sabzi Mandi)	Electrical	
1		2008-09	TilaK Nagar (Jail Road)		

5	Goa	2006-07	Margao	Information Technology
		2007-08	ITI Pernem	Fabrication
		2008-09	Canacona	Hospitality
	ja (regis) see	Vid.	Honda	Automobile
			Farmagudi	Automobile
ļ	,	p the	Bicholim	Electrical
			Cacora	Automobile
	Cuinant	2006-07	Jamnagar	Chemical
6	Gujarat (29 ITIs)	(15 iTis)	Pardi	Chemical .
	(25 1115)	(25)	Dashrath	Chemical
ļ			Godhra	Electrical
			Amreli	Electrical
			Gondal	Electrical
		· ·	Bhavnagar	Automobile
			Palanpur	Automobile
			Modasa Carallaid	Automobile
			Bhuj	Automobile
			Vadnagar	Automobile
	- La 11 1 1	4	Junagadh	Electricale
		la ý	Palana	Production & Manufacturing
			Sarkhei	Instrumentation
			Visnagar	Fabrication(fitting & welding)
		2007-08	Mehesana	Production & Manufacturing
		(14 ITIs)	Surendra Nagar	Production & Manufacturing
		(24 1115)	Patan	Automobile
	The state of the second		Himat Nagar	Automobile
			Dahod	Automobile
			Halol	Automobile
			Bhiloda	Automobile
			Vyara	Electrical
			Gandhidham	Electrical
			Limkheda	Fabrication
			Uttarsand	Ref & Air-conditioning
			Bhilad	Fabrication
			Vasad	Chemical
				D. Co. Air Conditioning
7	Haryana	2006-07	Rewari	Ref & Air Conditioning Automobile
			Sirsa	Fabrication(Fitting & Welding
			Hisar	Fabrication(Fitting & Welding
			Nirwana	Automobile
			Rohtak	Electrical
	1 1	2007-08	Jind	Electrical
	*		Gohana	Electrical
			Sonipat	Information Technology
			Ambala	
10.74	g vi jihar in a loo tiiss	1.0	Panipat same and same	Process Plant Maintenance: Fabrication
		2008-09	Palwal Hansi	Fabrication
		2006-07	Shamshi	Electrical
8	Himachal	2000-07		
8	B Himachal Pradesh			Enhrication
8		2007-08	Shahpur	Fabrication Fabrication
8			Shahpur Nadaun (Rail) Nahan	Fabrication Fabrication Fabrication

ĺ		ļ.	Chamba	Electrical
			Mandi	Refrigeration & A.C
9	Jharkhand	2006-07	Dhanbad	Information Technology
		2000.00		
		2008-09	Ranchi (Welfare)	Electrical
			Sahebganj	Electrical
10	Karnataka	2006-07	Bhadravathi	Production 2 Manufacturing
			Bellary	Production & Manufacturing Production & Manufacturing
		.	Mangalore(m)	Automobile
			Davangere	Automobile
			Bijapur	Electrical
			Raichur	Electrical
		2007-08	KGF	Production & Manufacturing
			Belgaum (M)	Production & Manufacturing
			Holenarasipura	Production & Manufacturing
			Madikeri	Electronics
			Haliyal	Electronics
			Huvinahadagil	Electronics
			Karwar Bidar	Refrigeration & Air-conditionin
			Malavalli	Refrigeration & Air-conditionin
			Honnaver	Electrical
		2008-09		Automobile
		2008-09	Bangalore	Fabrication
			Chitradurga	Electronics
			Devarayasamudra	Fabrication
			Gowribidnur	Electronics
			Kanakpura	Production & Manufacturing
			Shimoga	Electrical
			Tiptur	Electronics
			Bagalkot	Electrical
	Karnataka		Gurmitkal	Electrical
	(contd)		Kukanor	Fabrication
			Nanjangud	Fabrication
			Mandya	Electronics
	,		Puttur (W)	Electronics
			Nalathwad	Electronics
1	Kerala	2006-07	Pallickathodu, Kottayam	Hospitality
			Dhanuvachapuram	Production & Manufacturing
			Thiruvananthapuram	i i o a a con a manaractaring
			ITI (W) Kollam	Food processing
		2007-08	Malanpuzha	Electrical
		2008-09	Aryanad	
		2000-03		Electrical
			Kalpetta	Hospitality Management
-	Ba-din B L L		Quilandy	Information Technology
2	Madhya Pradesh	2006-07	Gas ITI Bhopal	Ref & Air Conditioning
			Seoni	Automobile
			Jhabhua	Fabrication(fitting & welding)
			Shivpuri	Tourism
			Singroli	Process Plant maintenance
			Ratiam	Electrician
			Mandla	Construction & wood working
			Narmadanagar	Electrical
			Rampur	Electrical
			Shahdol	Electrical
			Satna	Automobile
, +	Maharaka	7005 55	Sagar	Process Plant Maintenance
3	Maharashtra	2006-07	Jaina	Production & Manufacturing

\ \		Kolhapur	Production & Manufacturing
1		Latur	Production & Manufacturing
		Gadchiroli	Construction & Wood working
		Chandrapur	Production & Manufacturing
		Chiplun	Chemical
	, , f	Ghodegaon Dist Pune	Production & Manufacturing
The country of	i .	Malegaon(B) Dist Pune	Industrial Automation
100	i e	Gondia	Electrical
	~ "	Ahmednagar	Electrical
	1	Satara	Fabrication
		Jalgaon	Plastic Processing
	2007-08	Panyel	Production & Manufacturing
	200, 00	Karad	Production & Manufacturing
		Sangli	Production & Manufacturing
		Vangaon	Production & Manufacturing
Maharashtra	Ì	Bhandara	Production & Manufacturing
(contd)		Manikdoh	Production & Manufacturing
,		Kurla	Production & Manufacturing
		Rajura	Production & Manufacturing
		Buldhana	Automobile Automobile
5 (8.2h)	i	Wardha T. Mohrani 00	Automobile
		Parbnani	Fabrication(Fitting & Welding)
4 17 27		Ratnagiri	Chemical
	1	Nagothane	Fabrication (Fitting & Welding)
		Gandhingalja	Fabrication (Fitting & Welding)
		Akot	Production & Manufacturing
		Lonand Nanded	Fabrication
	<u>,</u> .	Nanded	Automobile
		Washim	Automobile
		Pandharkawada	Textile Technology
		Dindori	Automobile
		Oras	Hospitality
	2008-09	Solapur	Production & Manufacturing
		Beed	Production & Manufacturing
Massaule:		Khamgaon	Production & Manufacturing
1.150 98 1.90.0	1,75) 256	Dhule	Production & Manufacturing
1			
	e egel gest a		Automobile
e de la composition della comp		Yayatmal	Production & Manufacturing
		Yayatmal Osmanabad	Production & Manufacturing Production & Manufacturing
		Yayatmal Osmanabad Akola	Production & Manufacturing Production & Manufacturing
		Yayatmal Osmanabad Akola Pulgaon	Production & Manufacturing Production & Manufacturing Production & Manufacturing
		Yayatmal Osmanabad Akola Pulgaon Lonavala	Production & Manufacturing Production & Manufacturing Production & Manufacturing Hospitality
		Yayatmal Osmanabad Akola Pulgaon Lonavala Wani	Production & Manufacturing Production & Manufacturing Production & Manufacturing Hospitality Automobile
		Yayatmal Osmanabad Akola Pulgaon Lonavala Wani Kamleshwar	Production & Manufacturing Production & Manufacturing Production & Manufacturing Hospitality Automobile Fabrication
		Yayatmal Osmanabad Akola Pulgaon Lonavala Wani Kamleshwar Thane (W)	Production & Manufacturing Production & Manufacturing Production & Manufacturing Hospitality Automobile Fabrication Electronics
		Yayatmal Osmanabad Akola Pulgaon Lonavala Wani Kamleshwar Thane (W) Phaltan	Production & Manufacturing Production & Manufacturing Production & Manufacturing Hospitality Automobile Fabrication Electronics Fabrication
		Yayatmal Osmanabad Akola Pulgaon Lonavala Wani Kamleshwar Thane (W)	Production & Manufacturing Production & Manufacturing Production & Manufacturing Hospitality Automobile Fabrication Electronics Fabrication Production & Manufacturing
		Yayatmal Osmanabad Akola Pulgaon Lonavala Wani Kamleshwar Thane (W) Phaltan	Production & Manufacturing Production & Manufacturing Production & Manufacturing Hospitality Automobile Fabrication Electronics Fabrication Production & Manufacturing Fabrication
		Yayatmal Osmanabad Akola Pulgaon Lonavala Wani Kamleshwar Thane (W) Phaltan Umred Indrapur Bhor	Production & Manufacturing Production & Manufacturing Production & Manufacturing Hospitality Automobile Fabrication Electronics Fabrication Production & Manufacturing Fabrication Production & Manufacturing Production & Manufacturing
		Yayatmal Osmanabad Akola Pulgaon Lonavala Wani Kamleshwar Thane (W) Phaltan Umred Indrapur	Production & Manufacturing Production & Manufacturing Production & Manufacturing Hospitality Automobile Fabrication Electronics Fabrication Production & Manufacturing Fabrication Production & Manufacturing Production & Manufacturing
		Yayatmal Osmanabad Akola Pulgaon Lonavala Wani Kamleshwar Thane (W) Phaltan Umred Indrapur Bhor	Production & Manufacturing Production & Manufacturing Production & Manufacturing Hospitality Automobile Fabrication Electronics Fabrication Production & Manufacturing Fabrication Production & Manufacturing Production & Manufacturing
		Yayatmal Osmanabad Akola Pulgaon Lonavala Wani Kamleshwar Thane (W) Phaltan Umred Indrapur Bhor Igatpuri Jawahar	Production & Manufacturing Production & Manufacturing Production & Manufacturing Hospitality Automobile Fabrication Electronics Fabrication Production & Manufacturing Fabrication Production & Manufacturing Production & Manufacturing
		Yayatmal Osmanabad Akola Pulgaon Lonavala Wani Kamleshwar Thane (W) Phaltan Umred Indrapur Bhor Igatpuri Jawahar Guhaghar	Production & Manufacturing Production & Manufacturing Production & Manufacturing Hospitality Automobile Fabrication Electronics Fabrication Production & Manufacturing Fabrication Production & Manufacturing Production & Manufacturing Production & Manufacturing Electrical
		Yayatmal Osmanabad Akola Pulgaon Lonavala Wani Kamleshwar Thane (W) Phaltan Umred Indrapur Bhor Igatpuri Jawahar Guhaghar Bhusaaval	Production & Manufacturing Production & Manufacturing Production & Manufacturing Hospitality Automobile Fabrication Electronics Fabrication Production & Manufacturing Fabrication Production & Manufacturing Production & Manufacturing Production & Manufacturing Electrical Electrical
		Yayatmal Osmanabad Akola Pulgaon Lonavala Wani Kamleshwar Thane (W) Phaltan Umred Indrapur Bhor Igatpuri Jawahar Guhaghar Bhusaaval Walva	Production & Manufacturing Production & Manufacturing Production & Manufacturing Hospitality Automobile Fabrication Electronics Fabrication Production & Manufacturing Fabrication Production & Manufacturing Production & Manufacturing Production & Manufacturing Electrical Electrical
		Yayatmal Osmanabad Akola Pulgaon Lonavala Wani Kamleshwar Thane (W) Phaltan Umred Indrapur Bhor Igatpuri Jawahar Guhaghar Bhusaaval	Production & Manufacturing Production & Manufacturing Production & Manufacturing Hospitality Automobile Fabrication Electronics Fabrication Production & Manufacturing Fabrication Production & Manufacturing Production & Manufacturing Electrical Electrical Electrical Automobile

			Nagpur (Rural)	Production & Manufacturing
			Kinwat	
				Fabrication
			Nagpur (W)	Information Technology
			Mahabaleshwar	Hospitality
			Samant Wadai	Fabrication
			Akkalkot	Fabrication
	Maharashtra		Wada	Plastic Processing
	(contd)		Nilanga	Production & Manufacturing
			Chandur Railway	Automobile
			Ramtek	Production & Manufacturing
			Katol	Fabrication
			Chandrapur (W)	Electronics
14	Orissa	2006-07	Berhampur	
			Balasore	Automobile Electrical
			Hirakud	Process Plant Maintenance
			Talcher	
		2007-08	Bhawanipatna	Production & Manufacturing
			2. a.vampaena	Fabrication (Fitting & Welding)
15	Punjab	2006-07	Faridkot	Fabrication (Fitting and Weldin
			Jalandhar	Apparel
		2007-08	Nangai	Fabrication
			Samarala	Fabrication
			Batala	Automobile
			Moga	Automobile
			Bathinda	Electrical
			Pathankot	Electrical
			Sunam	Agriculture
			Patti	Agriculture Machinery
			Phagwara	
			Kheowali (W)	Production & Manufacturing Apparel
			Ferozpur	· · · · · · · · · · · · · · · · · · ·
			Nawashahar	Refrigeration & Air-conditioning Chemical
			Lairu	Textile
		2008-09	Nabha	Food Processing
			Budhiada	
			Talwara	Fabrication
				Ref. & Airconditioning
			Kapurthala	Fabrication
			Amritsar	Tourism
			Qadian	Fabrication
			Garhshankar	Fabrication
			Sarhali ·	Fabrication
			Jalandhar	
		-		Information Technology
			Kalanaor	Construction & Wood Working
6	Rajasthan	2000 07	Dilaman	
0	Kajastnan	2006-07	Bikaner	Electrical
			Bharatpur	Electrical
			Kota	Chemical
			Ajmer	Automobile
7	Tamil Nadu	2006.07	Barmer	Fabrication
'	ranni Nauti	2006-07	Guindy(W)	Apparel
			Vellore	Leather goods
			Madurai	Automobile
			Pettai	
				Electrical
1	•	205= ==	Guindy	Hospitality
- 1		2007-08	Chengalpattu	Production & Manufacturing
- 1		1		
			North Chennai	Construction & Wood Working

			Cuddalore	Plastic Processing
			Coimbatore(W)	Information Technology
				Fabrication (Fitting & Welding)
ļ	. To 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Tuticorin	Fabrication (Fitting & Welding)
	and the second	2008-09	Karaikudi	Automobile
			Dharmapuri	Production & Manufacturing
].		<u> </u>	Dharapuram	Production & Manufacturing Production & Manufacturing
	Uttrakhand	2006-07	Haridwar	Production & Manufacturing
	Uttar Pradesh	2006-07	Bulandshahr	Ref & Air Conditioning
,	Ottar Prauesii	2000-07	Etawah	Ref & Air Conditioning
ļ			Ghazabad	Production & Manufacturing
-			Aligarh	Production & Manufacturing
			Lakhimpur kheri	Fabrication(fitting & welding)
	* .		Mirzapur	Fabrication(fitting & welding)
			Jhansi	Electrical
			Karaundi, Varanasi	Electrical
		2007-08	The state of the s	Electrical
İ	* 4 4		Raebareli	
1			Muzarrarnagar	Electrical
1			Rampui	Production & Manufacturing
	1410	Jan.	Moradabad	Construction & Wood Working
		Part .	Saliaranpur	Fabrication(Fitting & Welding)
			Suitanpui	Electrical
}		2008-09	Dalla	
			Basti	Electrical
0	West Bengal	2006-07	Haldia	Chemical
•			Siliguri	Electrical
			Banipur	Information Technology
		2007-08	Purulia	Electrician
	naghtaen	5	Hooghly	Chemical
	្រាវជ	9 =	Midnapore	Plastic Processing
	Lagrange Fac	pt -	Howrah Homes	Construction & Wood Working
	apan mašmai	3 8	Kalyani	Fabrication (Fitting & Welding)
	TAGER ST. 1	2008-09	Tung	Hospitality
		2000-05	Coochbehar	Agriculture Machinery
			Baghi -Dilawar khan Srinagar	Automobile
21	18K	2006-07		Automobile
		2007-08	Canal Road Jammu AnantNag	Electrical
			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Plastic Technology
22	Assam	2006-07	Johrat	Plastic Technology
			Dibrugarn	Cane & Bamboo crafts
			Kokrajhar Guwahati	Construction & Wood working
		2007.00	Diphu	Food Processing
		2007-08	Srikona	Fabrication
				Information Technology
			Nagaon	
23	Tripura	2007-08	Indranagar	Automobile
24	Andaman &	2008-09	Dollygunj	Construction and Woodworking
24		.c.	A 1500	
	Nicobar			
	1	·/* {		Automobile
	Nagaland	2008-09	Kohima	Automobile

Upgradation of 100 ITIs into Centers of Excellence(CoE)

State-wise details (DOMESTIC RESOURCES: 2005-06)

Sr.	Name of	ITI wise relevant details		
No.	Participating State and number of ITIs being upgraded	Name of ITI	Sector selected	
1	2	4		
1	Andhra Pradesh	Mallepally-Hyd	5 Production & Manufacturing	
	(5 ITIs)	ITI(New) Visakhapatnam	Production & Manufacturing	
		Kadapa	Electrical	
	Manager of the Control of the Contro	Patancheru, Medak	Production & Fabrication	
- 		Malugu Road Warangal	Electrical	
.2	Bihar	Dighaghat	Production & Manufacturing	
	(217is)	Nawada	Automobile	
3.	Chattisgarh	Bhilai Distt Durg	Fabrication	
	(4:mis)	Raigarh	Electrical	
		Mana-Distt Raipur	Automobile	
		Korba	Electrical	
4	Delhi (1:11i)	Pusa	Automobile	
5	Goa	Ranaji	Hospitality	
~~~~	(2 ITIS)	Peddem Mapusa	P & M	
6	Gujarat	Kubernagar(Ahmedabad)	Production & Manufacturing	
		Saraspur(Ahmedabad)	Apparel	
and the gray species	(8 ITIs)	Tarsali Vadodara	Automobile	
4		Ankleswar	Chemical	
		Bilimora	Chemical	
engan gang bija		Rajkot	Production & Manufacturing	
CONTROL STATE CONTROL	energia de la companya  Surat	Apparel		
	***************************************	Gandhinagar	Information Technology	
7	Haryana	Gurgoan	Automobile	
-	(5 ITIs)	Faridabad	Production & Manufacturing	
		Karnal - Bu Yes New Yes	Leather goods and Footwear	

		Ambala	Instrumentation
		Yamuna Nagar	Production & Manufacturing
3	Himachal Pradesh	Rampur	Automobile
	(3 ITIS)	ปna	Automobile
		Solan	Electronics
)	Jharkhand (1 ITI)	Ranchi	Production & Manufacturing
.0	Karnataka	Peenya, Bangalore-22	Production & Manufacturing
.0	(61Tis)	Hosur Road, Bangalore-	Electrical
		:Mysore=07	Automobile
		Hassan	Production & Manufacturing
		Rubli	Automobile
		Gulbarga	Electrical
1	Kerala	Kalamassery(Ernakulam Dist)	Automobile
11	(5-ITIs)	Chackai(Trivandrum Distt)	Automobile
	(54145)	Chalakudy(Thrissur Distt)	Production & Manufacturing
		Kollam(Kollam Distf)	Automobile
		Ettumanoor(Kottayam)Distt)	Production & Manufacturing
L2	Madhya:Pradesh (84Tis)	Indore	Automobile
LE		Bhopai	The second control of the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second seco
		Jabalpur	Apparel
		Dewas	Production & Manufacturing
		Gwalior	Electronics
		Rewa	Construction
		Chhindwara	Food Processing
		Raghogarh	Agriculture machinery mechanic
13	Maharashtra	lMumbai-	Electronics
LO	Widilaiasiitia	Thane, Mumbai	ir.
	(12 IIIIs)	Muland-Mumbai -88	<b>Electrical</b>
		Ambernath, Distt. Thane	Ref & A/c
		Mahad	Chemical
		Dadar(Girls), Mumbai-28	Apparel
		Aundh/Pune	Automobile
		Pimpri Chinchwad	Production & Manufacturing
		Nashik	Production & Manufacturing
		Amravati	Automobile
	A STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STA	Aurangabad	Production & Manufacturing
		Nagpur	Automobile
<b></b>	Orissa	Cuttack	Production & Manufacturing

	(2 ITIs)	Rourkéla	Production & Manufacturing
15	Punjab	Patiala	Ref &A/c
***	(8 ITIs)	Ludhiana	Production & Manufacturing
		Mohali(w)	Information Tech
		Hoshiarpur	Automobile
		Ropar	Electrical
	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	Bassi Pathana	Production & Manufacturing
		Rajpura	Fabrication(Fitting & Welding)
		Gurdaspur	Electronics
16	Rajasthan	Jodhpur	Production & Manufacturing
		Jaipur	No. 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April 10 April
	(5 ITIs)	Kota	Electrical
		Udaipur	Electronics
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Alwar	Automobile
17	Tamil Nadu	Ambattur	Automobile
	(5 ITIs)	Hosur	Production & Manufacturing
		Colmbatore	Production & Manufacturing
	The analysis of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of th	Tirchy	Production & Manufacturing
		Salem	Fabrication
18	Uttaranchal	Dehradun	Electrical
	(3 ITIs)	Kashipur	Process Plant Maintenance
		Haldwani	Automobile
19	Uttar Pradesh	Noida	Information Tech
	(10:ITIs)	Kanpur	Electronics
		Bareilly	Electrical
		Allahabad	Production & Manufacturing
		Gorakhpur	Automobile
		Baharaich	Automobile
		Agra	Electronics
		Lucknow	Automobile
		Meerut	Electrical
		Ghazipur	Electrical
20	West Bengal	Gariahat	Automobile
	(3-ITIs)	Tollygunge	Production & Manufacturing
		Durgapur	Instrumentation
21	Chandigarh (1 ITI)	Chandigarh	Automobile
22	Pondicherry (1 ITI)	Mettupalayam	Plastic Processing

# List of ITIs covered being upgraded into CoE under the Scheme – "Upgradation of 1396 Govt ITIs through PPP"

#### **Electrical**

S No.	State	Name of ITI	Year of Loan Release
1.	Andhra Pradesh	ITI, Medchal	07-08
2.		ITI, DLTC Guntur	07-08
3.		ITI, Srisailam	07-08
4.	ese julia transcription e	ITI, Dhone	07-08
5.		ITI, DLTC Gudur	07-08
6.	Maharashtra	ITI, Tiroda	07-08
7.	Uttar Pradesh	ITI, Azamgarh	07-08
8.	·	ITI, Etah	07-08
9.		ITI, Shahjahanpur	07-08
10.		ITI, Mau	07-08
11.	,	ITI, Chandausi	07-08
12.		ITI, Orai	07-08
13.		ITI, Fatehpur	
14.		ITI, Budaun	107-08 (2.13)
15.		ITI, Farrukhabad	07-08
16.	West Bengal	ITI, Suri	07-08
17.	Delhi	ITI, Mayur Vihar	08-09
18.	Uttar Pradesh	ITI, Bijnor	08-09
19.	·	ITI, Gulaoti	08-09
20.	1.	ITI, Simbhaoli	08-09
21.		ITI, Atrauli	08-09
22.	West Bengal	ITI, Shibpur	08-09
23.	-	ITI, Chhatna	08-09
24.		ITI, Berhampore	.08-09
25.	Uttar Pradesh	ITI, Jagdishpur	09-10
.26.		ITI, Kadipur	09-10
27.		ITI, Khajni	09-10
28.		ITI, Lalitpur	09-10
29.		ITI, Mankapur Gonda	09-10
30.		ITI, Patti	09-10
31.		ITI, Saidpur	09-10
32.		ITI, Campierganj	09-10
33.		ITI, Sirathu	09-10
34.		ITI, Javer	09-10
35.		ITI, Amethi	09-10
36.		ITI, Charkari	09-10
37.		ITI, Shahganj Jaunpur	09-10
38.		ITI, Hathras	09-10
39.	Uttarakhand	ITI, Kanda	09-10

#### Fabrication (Fitting & Welding)

S No.	State	Name of ITI	Year
1.	Andhra Pradesh	ITI, Tada	07-08
2.	Gujarat	ITI, Lunawada	07-08
3.	Kerala	ITI, Attingal	07-08
4.		ITI, Kozhikode-10	07-08
5.		ITI, Kannur, (PO) Thottada	07-08
6.	Maharashtra	ITI, Sinner	07-08
7.		ITI, Tumsar	07-08
8.	Uttar Pradesh	ITI, Gonda	07-08
9.		ITI, Hardoi	07-08
10.		ITI, Sitapur	07-08
11.		ITI, Chaukaghat, Varanasi	07-08
12.		ITI, Mauhva	07-08
13.		ITI, Faizabad	07-08
14.		ITI, Banda	07-08
15.		ITI, Partapgarh	07-08
16.	Uttarakhand	ITI, Sald Mahadev	07-08
17.	West Bengal	ITI, Barrackpore	08-09
18.	Uttar Pradesh	ITI, Barabanki	09-10
19.		ITI, Chandauli	09-10
20.	j	ITI, Maharajganj	09-10
21.		ITI, Mohamdabad Gohana	09-10
22.		ITI, Lalganj Azamgarh	09-10

#### **Production & Manufacturing**

S No.	State	Name of ITI	Year
		2007-08	
1.	Andhra Pradesh	ITI, Bhongir	07-08
2.		ITI, Venkatagiri	07-08
3.		ITI, Anantapur	07-08
4.	Maharashtra	ITI, Shrigonda	07-08
5.		ITI, Mozari	07-08
6.		ITI, Shindewahi	07-08
7.	Uttar Pradesh	ITI, Jaunpur	07-08
8.		ITI, Pilibhit	07-08
9.		ITI, Mathura	07-08
10.	Uttarakhand	ITI, Sitarganj	07-08
11.		ITI, Almora	07-08
		2008-09	
12.	Maharashtra	ITI, Shirol	08-09
13.	West Bengal	ITI, Jhagram	08-09
14.		ITI, Amtala	08-09
15.		ITI, Hooghly	08-09
		2009-10	
16.	Maharashtra	ITI, Nigbhid	09-10

#### **Electronics**

S No.	State	Name of ITI	Year
		2007-08	
1.	Andhra Pradesh	ITI, Sanathnagar	07-08
2.		ITI, Alwal	07-08
3.		ITI, Karvetinagaram	07-08
4.	Maharashtra	ÍTI(Girls), Nashik	07-08
5.		ITI(W), Dist. Aundh, pune	07-08
6.	-	ITI (W), Latur	07-08
7.	-	ITI, Bhandara (W)	
8.	Kerala	ITI, Chengannur	07-08
		2008-09	
9.	Kerala	ITI, Chenneerkara	08-09
10.	Uttar Pradesh	ITI, Aonla, Bareily	08-09
11.		ITI W, Katra, Allahabad	08-09
		2009-10	
12.	Uttar Pradesh	ITI, Phoolpur, Azamgarh	09-10
13.		ITI, Musafirkhana	09-10
14.		ITI, Rasra	09-10
15.	-	ITI, Salon	09-10
16.		ITI, W Jhansi	09-10

#### <u>Apparel</u>

S No.	State	Name of ITI	Year
	State	2007-08	
1.	Himachal Pradesh	ITI(W), Hamirpur	07-08
2.	Maharashtra	ITI, Shirpur	07-08
3.	Uttar Pradesh	ITI (W), Rampur	07-08
		2008-09	
4.	Maharashtra	ITI(W), Solapur	08-09
5.	Nagaland	ITI (W), Dimapur	08-09
6.	Uttar Pradesh	ITI WB-W, Barielly	08-09
7.		ITI WB-W, Agra	08-09
8.		ITI W, Raibareily	08-09
<u> </u>	West Bengal	ITI, B&G, Kolkatta	08-09

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against Serial

#### Information Technology

S No.	State	Name of ITI	Year
		2007-08	
1	Andhra Pradesh	ITI,/DLTC, Mallepally	07-08
2.	Chandigarh	ITI, Chandigarh	07-08
3.	Madhya Pradesh	ITI , Indore	07-08
4.	Kerala	ITI, Kasaragode	07-08
		2008-09	
5.	Uttar Pradesh	ITI (WB-W), Chaukaghat,	08-09
		Varanasi	
6.		ITI (WB-W), Saket, Meerut	08-09
7.		ITI, Aliganj	08-09
8.	West Bengal	ITI (W), Silliguri	08-09
		2009-10	
9.	Uttar Pradesh	ITI W, Gorakhpur	09-10

#### Ref. & AC

S No.	State	Name of ITI	Year
		2007-08	
1.	Maharashtra	ITI, Niphad	07-08
2.	Uttar Pradesh	ITI, Mainpuri	07-08
3.		ITI, Charbagh, Lucknow	07-08
4.		ITI, Farrukhabad	07-08
5.		ITI, Unnao	07-08
		2008-09	
6.	Uttar Pradesh	ITI, Baccha Park, Meerut	08-09
7.	West Bengal	ITI, Burdwan (W)	08-09
		2009-10	
8.	Uttar Pradesh	ITI, Gauriganj	09-10
9.		ITI, Sarswa	09-10
10.		ITI, Modhonagar	09-10

#### Construction & Wood Working

S No.	State	Name of ITI	Year
		2007-08	<del> </del>
1.	Maharashtra	ITI, Yeola	07-08
2.		ITI, Badnapur	07-08
3.	West Bengal	ITI (W), Kolkota	07-08
		2008-09	
4.	Uttar Pradesh	ITI, Civil Lines Bareilly	08-09
5.		ITI, Katara	08-09

#### <u>Automobile</u>

S No.	State	Name of ITI	Year
5 140.		2007-08	
1.	Uttar Pradesh	ITI, Deoria	07-08
		2008-09	
2.	Himachal Pradesh	ITI, Paplog, Mandi	08-09
3.	Uttar Pradesh	ITI, Ghatampur	08-09
		2009-10	
4.	Uttar Pradesh	ITI, Seorahi	09-10
5.		ITI, Naurangia	09-10
6.		ITI, Padrauna	09-10
	-	ITI, Faridpur Bareilly	09-10

#### **Food Processing**

S No.	State	Name of ITI	Year		
		2007-08			
1.	West Bengal	ITI, Maldania	07-08-1-19 10221		
2.		ITI, Raiganj	07-08		

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#### Hospitality

S No.	State	Name of ITI	Year
3,113.		2008-09	
1	Maharashtra	ITI, Borivali	07-08
2.	Uttarakhand	ITI, Musoorie	07-08
2	Maharashtra	ITI, Karjat	08-09
	West Bengal	ITI, Barlurghat	08-09

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# No. DGET-19(1)/2006-CD Government of India Ministry of Labour & Employment Directorate General of Employment & Training

New Delhi, dated the 22nd October, 2007

#### OFFICE MEMORANDUM

Subject: Recognition of (i) National Trade Certificate for Broad Based Basic Training and (ii) National Trade Certificate for Advanced Module, awarded to the successful trainees of ITIs implementing Multiskill courses under Craftsmen Training Scheme.

The undersigned is directed to say that the Government of India on the recommendation of the National Council for Vocational Training have decided to recognize for the purpose of recruitment to subordinate posts and services under the Central Government, the National Trade Certificate of one year Broad Based Basic Training as well as the National Trade Certificate for Advanced Module awarded to the successful trainees under the multi skill training pattern of Craftsmen Training Scheme of the Directorate General of Employment and Training being implemented in ITIs offering Multiskill Courses under Craftsmen Training Scheme

- 2. A brief about the scheme is annexed.
- 3. It is requested that this decision may kindly be borne in mind while making recruitment, in and under the Ministries/ Departments, to posts for which certificates at Craftsmen level have been prescribed as the requisite qualification.
- 4. All concerned may please be informed accordingly.

(TARSEM LAL)

(DEPUTY SECRETARY TO THE GOVT. OF INDIA)

- 1. All Ministries of Government of India and their various Departments (with five spare copies) with a request to issue necessary instructions to all attached and subordinate officers in this regarded.
- 2. Lok Sabha Secretariat.
- 3. Rajya Sabha Secretariat.
- 4. President's Secretariat.
- 5. Prime Minister's Secretariat.
- 6. Supreme Court of India.
- 7. Controller and Auditor General of India.
- 8. Election Commission; New Delhi.
- 9. Union Public Service Commission, New Delhi
- 10. University Grants Commission, New Delhi.
- 11. Principal Information Officer, Press Information Bureau with a request that a press note explaining the above decision in suitable terms may be issued soon and a soon and a soon and a soon and a soon and a soon and a soon and a soon and a soon and a soon and a soon and a soon and a soon and a soon and a soon and a soon and a soon and a soon and a soon and a soon and a soon and a soon and a soon and a soon and a soon and a soon and a soon and a soon and a soon and a soon and a soon and a soon and a soon and a soon and a soon and a soon and a soon and a soon and a soon and a soon and a soon a soon and a soon a soon and a soon a soon and a soon a soon and a soon a soon and a soon a soon and a soon a soon and a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon and a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a soon a so
- 12. All State Governments and Union Territory Administrations for favour of issue of similar instructions at an early date.

(DEPUTY SECRETARY TO THE GOVT. OF INDIA) , ,

#### Copy to.

1. All State Directors dealing with Craftsmen Training Scheme.

2. Director, ATI/ Chennai , Hyderabad, Bombay, Kolkata , Kanpur, Ludhiana CSTARI, Kolkata / ATI(EPI)Hydrabad, & Dehradun , FTI Bangalore & Jamshedpur & NIMI Chennal.

3. RDAT Kanpur, Mumbai , Kolkata ,Chennai,Faridabad & Hyderabad

- 4. Principal CTI Chennai , MITI, Haldwani, Calicut, Jodhpur, Choudwar, NVTI, New Delhi, all RVTIs .
- 5. All officers of Training Directorate , DGE&T , New Delhi.
- 6. All Officers of Employment Directorate, DGE&T, New Delhi.
- 7. All sections of Employment and Training, DGE&T, New Delhi.
- 8. 50 spare copies.

(Anita Srivastava) Dy. Director of Training

#### Multiskilling courses-(popularly known as COE)

Multiskilling courses (popularly known as CoE ) is new model of vocational training program in the Craftsman Training Scheme (CTS) in India. It is a paradigm shift from the traditional mono-trade, single entry and exit vocational training program to multi-skilling multi- entry and exit program. It is also a shift from an entirely institution based to a blend of institution-cum-enterprise based training. While the traditional CTS provides training in one skill area, CoE is designed to provide set of skills relevant to one industry sector.

- 2. The industry-wise cluster approach is intended to ensure greater and active involvement of industry in all aspects of training from forecasting of training need, developing curriculum, training of trainers, providing experts as guest faculty and trade testing/certification. The main thrust of the program is producing multi skilled workforce of world standard by:
  - (i) Introducing multi skill modular courses as per the needs of industry.
  - (ii) Adopting new technology with close involvement of industry and other stakeholders in planning and implementing training programs.
  - (iii) Building partnership with nearby industries and setting up of Institute Management Committees (IMCs) to make training demand-driven.

Broad Based Basic Training (BBBT) courses have been introduced for the first year of training followed by Advanced & Specialised Modules (AM and SM) in the second year. Courses provide for multi-entry and multi-exit. The training program is designed on a sector basis, catering to the needs of a particular group of industries. The structure of COE courses is:

- (i) BBBT courses provide six modules of two months duration each, related to a particular industrial sector.
- (ii) AM courses are for six months, in the first half of the second year.
- (iii) BBBT and AM curricula have been developed in consultation with industry and are uniform across India.

- (iv) Trade Tests for BBBT and AM are at a national level under NCVT.
- (v) Successful trainees receive a National Trade Certificate for BBBT and a National Trade Certificate for AM.
- (vi) SM training is organized in the second half of the second year. It is intended to bridge the skill gaps as per the needs of industry in the region. Testing & certification is done jointly by State Govt. and Industry and certificates are recognized by NCVT

21 industry sectors have been identified for which curricula have been developed with the active involvement of Industry. The details of curricula and list of equipment are available at http://dget.nic.in/coe/main/index.htm The list of ITIs covered so far under various sector are as under(list of ITIs enclosed):

S. No.	Sectors	Total no. of iTls		
	Agricultural Machinery	8		
1		25		
2	Apparel Assistance	86		
3.	Automobile			
4	Bamboo Control of the Bamboo			
5	Chemical	17		
	Construction & Wood working	20		
6	Electrical	116		
7	Electronics	30		
8	Fabrication (Fitting & Welding)	83		
.9	Food processing			
10	Hospitality	12		
11	Industrial Automation	2		
12	Information Technology	40		
13	Instrumentation	4		
.14	Leather goods	2		
15	Plastic Processing	7		
16	Process Plant Maintenance	6		
17	Production & Manufacturing	111		
18		20		
19		4		
20		4		
21	Textile Total	607		

Funds to the tune of Rs 2.50 cr / 3.50 cr. have been provided/ are being provided to these ITIs for procurement of latest equipment, construction of workshops, training of trainers and other misc expenditure. Trainers of these institutes are being trained in central institutes under DGE&T, M/o Labour & Employment.

# List of BBBT/Advance module of MultiSkill courses under CTS being implemented through ITIs Upgraded to CoE

	Name of the	Name of PRRT Module (one year	Nome of Advance all Mark de la survey
SI. No	Sector	Name of BBBT Module (one year duration)	Name of Advanced Module approved by NVCT (6month duration
1.	2.	3.	4
1.	Production &	1. Basic Fitting &	1. CNC Machining
1.	Manufacturing	Measurement	2. CAD/CAM
	Managaaring	Basic Sheet Metal Worker	3. PLC & Automation
		and Welding	4. Quality Engineering
		3. Basic Electrical &	5. Manufacturing of Jigs & Fixtures
		Electronics & Computer	6. Advance Welding
		skill	7. Tool and Die Maker
		4. Basic Turning & Grinding	
		<ol><li>5. Basic Milling &amp; Gear</li></ol>	
		Cutting (Dies and Moulds)	
		6. Basic NC Programming	
		a. & Operation	
2.	Electrical	Basic Engineering Skill     Basic Flastrian	Repair & Maintenance of Domestic
		Basic Electrical     Engineering	Appliances
		Engineering  3. Basic Electronics	2. Repair & Maintenance of
		Basic Electronics     Basic Electrical Wiring and	Instruments used in Electrical
		Winding	Engineering  3. Operation & Maintenance of
		5. Basic Power Generation	equipments used in
		Transmission &	HT,LT,Sutstation & Cable Jointing
,		Distribution	4. Repair & Maintenance of Electrical
		6. Basic Computer Operating	Machine & Power Supply
	•	Skill & its Application	5. Non-Conventional Power
			Generation, Battery and Inverter
	<u>-</u>		
3.	Electronics	Basic Fitting & Soldering	Radio, Audio, Video System and
		2. Basic Electrical &	Appliances
		Electronics  3. Basic Analog Electronics	Inverters, UPS, Voltage stabilizers and Industrial Drives
		Basic Analog Electronics     Basic Digital Electronics	3. Repair & Maintenance of
		5. Basic Measuring	Electronic Test Equipment
		Instruments	Communication System Embeded
		6. Basic Computers	System and PLC
			•
4.	Automobile	Basic Fitting &	Servicing & Overhauling of
		Measurement	Automobiles(Petrol)
		2. Basic Sheet Metal &	Servicing & Overhauling of
		Welding	Automobiles(Diesel)
		3. Basic Electrical Electronics	3. Auto Electronics & Air Conditioning
		4. Basic Microprocessor &	in Automobiles
		Computer Operation	Overhauling of Fuel Injection     System & Steering Mechanism
		Basic of Petrol & Diesel     Engine	5. Denting/Painting & Welding of
		6. Basics of Transmission,	Automobiles
		System & Breaks	6. Repair & Maintenance of
	1	of otom & broake	Wheel:Re-trading of Tyres &
			Wheel Balancing
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7	.2	3	-4
5	∏ Sector	<ol> <li>Basic Electrical &amp; Electronics</li> <li>Basic Assembling and         Maintenance of PC's</li> <li>Basic Computer Networking</li> <li>Basic Office Automation</li> <li>Basic Internet and Multimedia</li> <li>Basic Database Processing</li> </ol>	<ul> <li>1 Multimedia &amp; Animation</li> <li>2 Repair &amp; Maintenance of Hardware of Computer &amp; Pereipheral</li> <li>3 Computer Networking</li> <li>4 Digital Videography</li> <li>5 E - Accountancy &amp; Office Management</li> <li>6 Multi Media &amp; Creative Designing</li> <li>7 Information System Management</li> </ul>
6	Hospitality Sector	<ol> <li>Basic Food Production</li> <li>Basic Food &amp; Beverages         Service (Steward)</li> <li>Basic Front Office Service         Operation</li> <li>Basic accommodation         operation/House Keeping</li> <li>Basic Computer Application</li> <li>Basic Hotel Maintenance</li> </ol>	1 Food Production 2 Front Office 3 Food & Beverage Service 4 House Keeping
7	Plastic Processing	1 Basic Fitting & Measurement 2 Basic Electrical & Electronics & Computer Skills 3 Injection Moulding 4 Compression Moulding 5 Extrusion Moulding 6 Blow Moulding	1 Injection Moulding Process 2 Blow Moulding Process 3 Extrusion Process & Compression Moulding 4 Ancillary Process
8	Refrigeration & -Air Conditioning	1 Basic Workshop Practices 2 Electrical, Electronic & Electro- Mechanical 3 Basic Refrigeration I 4 Basic Refrigeration II 5 Basic Refrigeration III 6 Basic Refrigeration IV	<ul> <li>Domestic, Commercial Refrigeration</li> <li>&amp; Air Conditioning</li> <li>Central Air Conditioning Plant</li> <li>Industrial Cooling &amp; Package</li> <li>Cold Storage, Ice Plant &amp; Ice-Candy</li> <li>Plant</li> </ul>
9	Instrumentation	Basic Engineering Skill - 1     Basic Engineering Skill - II     Basic Electricity & Electrical Instrumentation     Basic Electronics & Electronics Instrumentation     Basic Measurement & & Measuirng Instruments     Basic Computer Skill	<ol> <li>Industrial Electronics &amp; Instrumentation,</li> <li>Analytical Instrumentation,</li> <li>Process Control Instrumentation</li> <li>Medical Instrumentation</li> <li>Optical Instrumentation</li> <li>Electronic Test &amp; Measuring Instruments</li> </ol>
10	Leather Goods & Footwear	1 Introduction to Leather & Production Knowledge 2 Footwear Technology 3 Footwear Designing 4 Leather Goods Designing Manufacturing 5 Leatner Garments Manufacturing 6 Basic Computer Skills & CAD.	1 General Shoes Making 2 Sports Shoes Making & Sports Goods Making 3 Leather Garments Making 4 Travel Goods/Upholstery/Domestic Item Making

77	Chemical	<ol> <li>Fundamentals of Electronics and Computer</li> <li>Basic Fitting &amp; Measurements</li> <li>Basic Mechanical Processes</li> <li>Fundamental of General Chemistry and Physics</li> <li>Basic Instrumentation</li> <li>Basic Unit Operations &amp; Processes</li> </ol>	Attendant Operator.     Maintenance Mechanic     Instrument Mechanic     Lab Assistant
12	Apparei	1 Garment Technology 2 Garment Sewing (Basic Sewing) 3 Garment Sewing (Advanced Sewing) 4 Pattern Making 5 Computerized Pattern Making 6 Quality Control Finishing & Packing	Computer Aided Pattern Making     Fashion Designing     Shirts & Trousers
13	Fabrication	1 Basic Fitting & Measurement 2 Basic Sheet Metal Work and Fastening 3 Basic Machine Shop Practice (turning milling & grinding). 4 Basic Welding 5 Metals & Surface Finishing Techniques 6 Basic Electrical Electronics & Computer Skills	7 TIG/MIG WELDING 2 Structural /Pressure Parts Fitting 3 Structural Welding 4 Pressure Vessel & Pipe Welding 5 Welding inspection & testing
7.4	Construction & Wood Working	1 Basic Architecture 2 Basic Building Construction 3 Basic Carpentry 4 Basic Plumbing 5 Basic Electrical 6 Basic5 Basic Electrical and Quality Surveying	Concrete Technology Modern Construction Techniques & Management Wood Work in Construction Form work & Bar Bending
75	Food Processing	1 Food-Preservation 2 Bakery Confectionary 3 Milk & Dairy-Product 4 Agro-Processing 5 Food Beverages 6 Processed Food	7 Food and Vegetables Processing 2 Cereal. Pulses and Oilseed Processing 3 FoodBeverage 4 Milk and Milk Products 5 Meat, Fish & Poultry Processing
16	Agriculture :Machinery	1 Basic Workshop Skill 2 Electrical Wiring & Electronics 3 Tractor and Power Tilers 4 Irrigation Machinery 5 Crop Production Machinery 6 Post Harvest Technology	<ol> <li>Repair and Maintenance of Harvesting         «Machines</li> <li>Repair. Maintenance &amp; Overnauling         of Tractors</li> <li>Repair. Maintenance of post Harvesting         Machines/Processing Machines</li> <li>Operation repair and Maintenance of Crop         Production Machinery.</li> </ol>

1	2	3	4
77	Process Plant Maintenance	<ol> <li>Basic Fitting</li> <li>Basic Turning Machining</li> <li>Basic Refrigeration &amp;         Air-Conditioning</li> <li>Basic Instrumentation</li> <li>Basic Electrician, Electronic &amp;         Computer</li> <li>Basic Laboratory Technique</li> </ol>	1 Operator Chemical Plant 2 Operation & Maintenance of Boiler & Steam Turbine 3 Mechanical Maintenance of Processes Plant 4 Processes Plant Mechanical Maintenance 5 Repairing of Equipment 6 Processes Plant Refrigeration & Air Conditioning Maintenance 7 Electrical Maintenance of Process Plant 8 Electronic and Instrument Maintenance of Process Plant 9 Fabrication and Designing of Steel Structure
4 78	Bamboo Technology	<ol> <li>Basic Electrical &amp; Basic Computer Auto Cad</li> <li>Basic Course on Bamboo Processing</li> <li>Basic course of Bamboo Processing Machine</li> <li>Basic course on secondary Processing of Bamboo.</li> <li>Basic course of construction &amp; Furniture Making.</li> <li>Basic course on design Interpretation &amp; Bamboo Handicrafts Products.</li> </ol>	1
15	Tourism	1 Tourism Concept & Impact. 2 Tourism Product of India 3 Geography for tourism 4 Indian Society Culture & History. 5 Computer Application & Tourism Industry 6 English.	1 Eco - Tourism 2 Tour & Travel Management 3 Hospitality Management
2	0 Industrial Automation	<ol> <li>Workshop Practice</li> <li>Computer Application in Industrial Automation</li> <li>Electronics for Automation</li> <li>Electrical for Automation</li> <li>Process Instrumentation</li> <li>Pneumatics &amp; Hydraulics</li> </ol>	Industrial Mechanical Maintenance     Industrial Electrical Maintenance     Industrial Electronics & Control

21	Textile Processing & Technology Sector	<ul> <li>Basic Workshop Practices Fitting and Measurements</li> <li>Basic Electrical Electronics &amp; Computer Operations</li> <li>Basics of Spinning</li> <li>Basic of Weaving</li> <li>Basic of Bleaching &amp; Pinishing</li> <li>Chemistry of Dyeing</li> </ul>	1 Advanced Spinning & Weaving Technology 2 Advanced Bleaching Finishing & Dying Technology 3 Repair & Maintenance of Textile Machinery & Equipment 4 Advanced Textile Technology 5 Technology of sizing Bleaching and Finishing 6 Technology of Printing 7 Technology of Printing 8 Computer Aided Textile Design & Colour
			9 Testing of Chemicals and Textiles

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#### **EMBLEM**

#### GOVERNMENT OF INDIA MINISTRY OF LABOUR & EMPLOYMENT

# NATIONAL COUNCIL FOR VOCATIONAL TRAINING

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# DGE&T – 19(2)/2007-CD Govt. of India M/o Labour & Employment Directorate General of Employment & Training

Dated 27th June,2008

To,

Directors of all State Sovt. / UT Administrations dealing with Vocational Training

Subject: Scheme for implementation of specialized module in ITIs upgraded as CoE - approval regarding

Sir / Madam,

I am directed to inform you that following norms/guidelines for implementation of specialized modules & certificate to be issued to passed out trainees of ITIs upgraded as CoE has been approved by NCVT for implementation.

- Specialized modular courses shall be organized during the last phase of training (after successfully completing Broad Based Basic Training and Advanced module of 6 month) to bridge the skill gaps keeping in view the needs of industry in the region.
- The State Govt, along with industry / industry association may organize training of six months in industry. Testing & Certification of this module shall be done by jointly by State Govt, and Industry.
- The curricula of Specialized module be developed by the respective State Govt/ Industry Association and forwarded to DGE&T for approval of NCVT Approved curricula would be rested on DGE&T web-site for use of all state Govt.
- State govt. would identify the Industry/ industry association and the list may be provided to DGET. The above list would be approved by Secretary (L&E) and would be posted on web-site of DGE&T.
- Marking Scheme Practical -300 marks & Theory 100 marks. Uniform format for the Certificate approved by NCVT is enclosed. This certificate would be made available of DGE&T website and State Govt can make necessary copies at their end.
- Govt. of India would monitor/inspect, the quality of training & issue of Certificate of specialized module, by deputing senior officers.

Yours faithfully

( H.A. Keshava Murthy ) Dy Director General of Training

Member secretary NCVT

## CERTIFICATE

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2.	National Tra	de Certificate	of Broad Based	Basic Training in	S	ector
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रजिस्ट्री सं॰ डी॰ एल॰-33004/99

REGD. NO. D. L.-33004/99



#### EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (i) PART II—Section 3—Sub-section (i) प्राधिकार से प्रकाशित PUBLISHED BY AUTHORITY

सं. 401] No.401] नई दिल्ली, बुधवार, जुलाई 21, 2010/आषाढ़ 30, 1932 NEW DELHI, WEDNESDAY, JULY 21, 2010/ASADHA 30, 1932

श्रम और रोजगार मंत्रालय

(रोजगार और प्रशिक्षण महानिदेशालय)

### अधिसूचना

नई दिल्ली, 21 जुलाई, 2010

सा.का.नि. 609(अ).—केन्द्रीय सरकार, शिक्षु अधिनियम, 1961 (4961 का 52) की धारा 37 की उपधारा (1) द्वारा प्रवत्तः शिक्षुता प्रयोग करते हुए केन्द्रीय शिक्षुता परिषद् से परामर्श करने के पश्चात् शिक्षुता नियम, 1992 का और संशोधन करने के लिए निम्नलिखित नियम बनाती है, अर्थात :--

- (1) इन नियमों का संक्षिप्त नाम शिक्षुता (दूसरा संशोधन) नियम, 2010 है ।
- (2) ये राजपत्र में प्रकाशन की तारीख को प्रवृत्त होंगे ।
- 2. शिक्षुता नियम, 1992 की अनुसूची 1 में समूह सं. 35 के अधीन, क्रम संख्यांक 27 और उससे संबंधित प्रविष्टियों के पश्चात निम्नलिखित अंतःस्थापित किया जाएगा, अर्थात :--

1.	2.	3.	4.	5.	6.	7.	8.
"28	मैकेनिक (गैर	8282.10	1:5	दो वर्ष	गैर परम्परागत शक्ति उत्पादन	एक वर्ष और	10 + 2 शिक्षा
	परम्परागत शक्ति				बैटरी और इन्वर्टर में विशिष्टता	छह मास	पद्धति के
	उत्पादन बैटरी	· 			स्कीम केन्द्र और विशिष्टता		अधीन 10वीं
	और इन्वर्टर )				स्कीम केन्द्र के उन्नत मोड्यूल		कक्षा उत्तीर्ण
	-				के अधीन वैधुत सेक्टर में		या इसके
					व्यापकता पर आधारित बुनयादि		समतुल्य ।
					प्रशिक्षण		-
29.	मैकेनिक (वैधुत	7241.10	1:5	दो वर्ष	वैधुत इंजीनियरी में प्रयुक्त	एक वर्ष और	10 + 2 शिक्षा
	इंजीनियरी में				उपकरणों की मरम्मत और	छह मास	पद्धति के
	प्रयुक्त उपकरणों				रखरखाव में विशिष्टता स्कीम		अधीन 10वीं
	की मरम्मत और				केन्द्र और विशिष्टता स्कीम केन्द्र		कक्षा उत्तीर्ण
	रखरखाव)				के उन्नत मोड्यूल के अधीन		या इसके
					वैधुत सैक्टर में व्यापकता पर		समतुल्य ।
					आधारित बुनयादि प्रशिक्षण		

							***************************************
30.	उत्सारण मैकेनिक	8232.20	1: 3	दो वर्ष	उत्सारण प्रक्रिया में विशिष्टता	एक वर्ष और	10 + 2 शिक्षा
	प्रचालक				स्कीम केन्द्र और विशिष्टता		पद्धति के
	(प्लास्टिक)	1			स्कीम केन्द्र के उन्नत मोड्यूल		अधीन 10वीं
					के अधीन प्लास्टिक प्रसंस्करण		कक्षा उत्तीर्ण
				1	सैक्टर में व्यापकता पर आधारित		या इसके
	-		Sa di Sage		बुनियादी प्रशिक्षण		समतुल्य ।
31.	अंतःक्षेपी संचन	8232.25	1:3	दो वर्ष	अंतःक्षेपी संचन प्रक्रिया में	एक वर्ष और	10 + 2 शिक्षा
	मशीन प्रचालक				विशिष्टता स्कीम केन्द्र और		पद्धति के
				N.	विशिष्टता स्कीम केन्द्र के उन्नत		अधीन 10वीं
					मोड्यूल के अधीन प्लास्टिक		कक्षा उत्तीर्ण
					प्रसंस्करण सैक्टर में व्यापकता		या इसके
					पर आधारित बुनयादि प्रशिक्षण		समतुल्य ।
32.	धमन संचन मशीन	8232.35	1: 3	दो वर्ष	धमन संचन प्रक्रिया में	एक वर्ष और	
	'प्रचालक				विशिष्टता स्कीम केन्द्र और	3	पद्धति के
<b>.</b>					विशिष्टता स्कीम केन्द्र के उन्नत		अधीन 10वीं
#					मोड्यूल के अधीन प्लास्टिक		कक्षा उत्तीर्ण
		* .			प्रसंस्करण सैक्टर में व्यापकता पर		या इसके
					आधारित बुनयादि प्रशिक्षण		समतुल्य ।
.33.	गृह प्रबंधक	5121.10	1:5	दो वर्ष	विशिष्टता स्कीम केन्द्र और		10 + 2 शिक्षा
	(होटल)				विशिष्टता स्कीम केन्द्र के जन्तत		पद्धति के
V.					मोड्यूल के अधीन आवासन		अधीन 10वीं
					प्रचालन/गृह प्रबंधन में आतिथ्य		कक्षा ् उत्तीर्ण
		Val (\$40) (4		A 150	सैक्टर में व्यामकता पर आधारित		कक्षा उत्तीर्ण या इसके
					बुनयादि प्रशिक्षण	79 ( )	समतुल्य ।
34.	सहायक फ्रंट	5121.25	1:5	दो वर्ष	सहायक फ्रांट आफिस प्रबंधक	एक वर्ष और	10 + 2 शिक्षा
	आफिस प्रबंधक		: 14 GA	30 કામનુ	विशिष्टता स्कीम केन्द्र और	छह मास	पद्धति के
	·				विशिष्टता स्कीम केन्द्र के उन्नत	!	अधीन 10वीं
	4			to the part	मोड्यूल के अधीन आतिथ्य		कक्षा उत्तीर्ण
					सैक्टर में व्यापकता पर आधारित		या इसके
					बुनियादी प्रशिक्षण		समतुल्य ।
35.	शिक्षु खाद्य	5122.20	1:5	दो वर्ष	खाद्य उत्पादन (पाककला) में	एक वर्ष और	10 + 2 शिक्षा
	उत्पादन			4.	विशिष्टता स्कीम केन्द्र और	छह मास	पद्धति के
	(पाककला)			. :	विशिष्टता स्कीम के उन्नत		अधीन 10वीं
		·			मोड्यूल केन्द्र के अधीन आतिथ्य		कक्षा उत्तीर्ण
					सेक्टर में व्यापकता पर आधारित		या इसके
					बुनियादी प्रशिक्षण		समतुल्य ।
36,	शिक्षु खाद्य और	5123.20	1:5	दो वर्ष	सुपेय सेवा (स्टुवर्डशिप) में	एक वर्ष और	10 + 2 शिक्षा
	सुपेय सेवा				विशिष्टता स्कीम केन्द्र और	छह मास	पद्धति के
	(स्टुवर्डशिप)				विशिष्टता स्कीम के उन्नत	· ·	अधीन 10वीं
	*			v	मोड्यूल केन्द्र के अधीन आतिथ्य	e î meşme	कक्षा उत्तीर्ण
					सैक्टर में व्यापकता पर आधारित		या इसके
					बुनियादी प्रशिक्षण		समतुल्य ।

0.7				1_5 -			
37.	कंप्यूटर और	1	1:4	दो वर्ष	कंप्यूटर और पेरीफेरल हार्डवेय	1	र   10 + 2 शिक्षा
	पेरीफेरल हार्डवेयर	1			मरम्मत और रखरखाव मे	1 - 2	पद्धति के
	मरम्मत और	!			विशिष्टता स्कीम केन्द्र और	[ ]	अधीन 10वीं
	रखरखाव मैकेनिक				विशिष्टता स्कीम के उन्नत	1	कक्षा उत्तीर्ण
					मोड्यूल केन्द्र में व्यापकता पर		या इसके
					आधारित बुनियादी प्रशिक्षण		समतुल्य ।
38.	कंप्यूटर नेटवर्क	4122.10	1:4	दो वर्ष	सूचना प्रौद्योगिकी सेक्टर में	एक वर्ष और	10 + 2 शिक्षा
	तकनीशियन	4112.20			कंप्यूटर नेटवर्किंग में विशिष्टता	छह मास	पद्धति के
		4113.35			स्कीमं केन्द्र और विशिष्टता		अधीन 10वीं
					स्कीम के उन्नत मोड्यूल केन्द्र में		कक्षा उत्तीर्ण
					व्यापकता पर आधारित बुनियादी		या इसके
			:		प्रशिक्षण		1
39.	मल्टीमीडिया और	4113.30	1:4	दो वर्ष	सूचना प्रौद्योगिकी सेक्टर में	गत्र तर्ष भी	समतुल्य ।
	वेबपेज डिजाइनर				कंप्यूटर नेटवर्किंग में विशिष्टता		
					स्कीम केन्द्र और विशिष्टता	छह मास	पद्धति के
					स्कीम के उन्नत मोड्यूल केन्द्र में		अधीन 10वीं
					व्यापकता पर आधारित बुनियादी		कक्षा उत्तीर्ण
					प्रशिक्षण		या इसके
40.	प्रोसेस प्लांट	8152.10		<del></del>			समतुल्य ।
) * <del>+</del> 0.	प्रचालक	8152.10	1: 3	दो वर्ष	प्रोसेस प्लाट अनुरक्षण सेक्टर में		
1	प्रवालक				प्रचालक रसायन प्लांट में	छह मास	पद्धति के
					विशिष्टता स्कीम केन्द्र और		अधीन 10वीं
					विशिष्टता स्कीम के उन्नत	72	कक्षा उत्तीर्ण
					मोड्यूल केन्द्र में व्यापकता पर		या इसके
					आधारित बुनियादी प्रशिक्षण		समतुल्य ।
41.	<b>उ</b> पयोगिता	8161.30	1:3	दो वर्ष	प्रोसेस प्लांट अनुरक्षण सेक्टर में	एक वर्ष और	10 +2 शिक्षा
	प्रचालक				बायलर और वाष्प टर्बाइन में	छह मास	पद्धति के
					विशिष्टता प्रचालक स्कीम केन्द्र		अधीन 10वीं
				·	और विशिष्टता स्कीम के उन्नत	1; •	कक्षा उत्तीर्ण
		ļ			मोड्यूल केन्द्र में व्यामकता पर		या इसके
					आधारित बुनियादी प्रशिक्षण		समतुल्य ।
42.	अनुरक्षण मैकेनिक	8159.30	1:3	दो वर्ष	प्रीसेस प्लांट अनुरक्षण सेक्टर में	एक वर्ष और	10 + 2 शिक्षा
					प्रोसेस प्लांट के मैकेनिकल	छह मास	पद्धति के
				-	अनुरक्षण में विशिष्टता स्कीम		अधीन 10वीं
					केन्द्र और विशिष्टता स्कीम के		कक्षा उत्तीर्ण
					उन्नत मोड्यूल केन्द्र में व्यापकता		या इसके
					पर आधारित बुनियादी प्रशिक्षण ।		समतुल्य ।
43.	इलैक्ट्रिकल	7241.20	1:3	दो वर्ष	प्रोसेस प्लांट अनुरक्षण सेक्टर में	एक वर्ष और	10 + 2 शिक्षा
	मैकेनिक			·		छह मास	पद्धति के
					अनुरक्षण में विशिष्टता स्कीम	JC 1141	अधीन 10वीं
					केन्द्र और विशिष्टता स्कीम के		1
					उन्नत मोड्यूल केन्द्र में व्यापकता		कक्षा उत्तीर्ण
					पर आधारित बुनियादी प्रशिक्षण		या इसके
					र जानगरत चुग्याचा प्रारावाण		समतुल्य ।

44.	उपकरण नियंत्रक	7241.10	1: 3	दो वर्ष	प्रोसेस प्लांट अनुरक्षण सेक्टर में		
			** *		प्रोसेस प्लांट के इलैक्टोनिक और	छह मास	पद्धति के
					उपकरण अनुरक्षण में विशिष्टता		अधीन 10वीं
					स्कीम केन्द्र और विशिष्टता		कक्षा उत्तीर्ण
		**************************************			स्कीम के उन्नत मोड्यूल केन्द्र में		या इसके
		979 Sec. 1		\$ \$ \bar{\bar{\bar{\bar{\bar{\bar{\bar{	व्यापकता पर आधारित बुनियादी		समतुल्य ।
ļ		18.78 383			प्रशिक्षण		
45.	तकनीशियन	7212.30	1: 3	दो वर्ष	प्रोसेस प्लांट अनुरक्षण सेक्टर में	एक वर्ष और	10 + 2 शिक्षा
	फैब्रिकेटर	,			इस्पात संरचना की फेब्रिकेशन	्छह मास	पद्धति के
					और डिजाइनिंग में विशिष्टता		अधीन 10वीं
					स्कीम केन्द्र और विशिष्टता		कक्षा उत्तीर्ण
					स्कीम के उन्नत मोड्यूल केन्द्र में		या इसके
	·				व्यापकता पर आधारित बुनियादी		समतुल्य ।
					प्रशिक्षण ।		

[फा. सं. डीजीईटी-2(2)/2009-एपी]

शारदा प्रसाद, महानिदेशक/संयुक्त सचिव

टिप्पण : मूल नियम भारत के राजपत्र में सा.का.नि. 356, तारीख 1 अगस्त, 1992 द्वारा प्रकाशित किए गए थे और अंतिम संशोधन सा.का.नि. 507(अ), तारीख 16 जून, 2010 द्वारा किया गया।

### MINISTRY OF LABOUR AND EMPLOYMENT

(DIRECTORATE GENERAL OF EMPLOYMENT AND TRAINING)

#### NOTIFICATION

New Delhi, the 21st July, 2010

G.S.R. 609(E). In exercise of the powers conferred by sub-section (1) of section 37 of the Apprentices Act, 1961 (52 of 1961), the Central Government, after consulting the Central Apprenticeship Council hereby makes the following rules further to amend the Apprenticeship Rules, 1992, namely: -

- 1. (1) These rules may be called the Apprenticeship (Second Amendment) Rules, 2010.
  - (2) They shall come into force on the date of their publication in the Official Gazette.

In the Apprenticeship Rules, 1992, in Schedule I, under Group No. 35, after serial number 27 and the entries relating thereto, the following shall be inserted, namely:-

ı	1. !	2.	3.	4.	] ວ.	0.		
1	<u>"28.</u>	Mechanic (Non-	8282.10	1:5	Two	Broad Based Basic	One year	Passed 10 th
		conventional			years	Training in Electrical	and six	class
Ī		Power				Sector under Centre of	months	examination
١		Generation,	1			Excellence Scheme and		under 10+2
٠		Battery and				Advanced module of		system of
		Inverter)				Centre of Excellence		education or its
1		A.				Scheme in Non-		equivalent.
١						conventional Power		
Į						Generation, Battery and	,	
						Inverter.		
		1	1		<u> </u>		<u> </u>	

29	(Repair a Maintenance	7241.1 nd of	0 1:5	Two	Trode Daged Dag	al and six	class
	instruments used in Electric Engineering)	cal			Excellence Scheme an Advanced module of Centre of Excellence Scheme in Repair an Maintenance	d of e	examination under 10+ system c education or it equivalent.
30.	Extrusion Machine Operator (Plastic)	8232.20	1:3	Two	Broad Based Basic Training in Plastic Processing Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in	and six months	Passed 10 th class examination under 10+2 system of education or its equivalent.
31.	Injection Moulding Machine Operator	8232.25	1:3	Two years	Extrusion Process  Broad Based Basic Training in Plastic Processing Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Injection Moulding Process	and six	Passed 10 th class examination under 10+2 system of education or its equivalent.
32.	Blow Moulding Machine Operator	8232.35 5121.10	1:3	Two years	Broad Based Basic Training in Plastic Processing Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Blow Moulding Process.	One year and six months	Passed 10 th class examination under 10+2 system of education or its equivalent
	(Hotel)	5121.10	1:5		Broad Based Basic Training in Hospitality Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Accommodation Operation/ House Keeping.	and six months	Passed 10 th class examination under 10+2 system of education or its equivalent.
4.	Assistant Front Office Manager	5121.25	1	vears 5	Broad Based Basic Fraining in Hospitality Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Front Office Management.	and six commonths commonths commonths	Passed 10 th class examination under 10+2 system of education or its equivalent.

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*Brown areas							
35.	Apprentice Food	5122.20	1:5	Two	Broad Based Basic	One year	Passed 10 th
1	Production	1	i	years		and six	class
	(Cookery)		1		Sector under Centre of	months	examination
			1.		Excellence Scheme and		under 10+2
			1		Advanced module of		system of
					Centre of Excellence		education or its
1			1		Scheme in Food		equivalent.
1		Ì			Production (Cookery).		
		1					
36.	Apprentice Food	5123.20	1:5	Two	Broad Based Basic	One year	Passed 10 ^{ln}
	and Beverage		'	years	Training in Hospitality	and six	class
	Service	}	1	)	Sector under Centre of	months	examination
1	(Stewardship)				Excellence Scheme and	months	under 10+2
					Advanced module of		system of
[					Centre of Excellence		education or its
1					Scheme in Food and		equivalent.
-					Beverage Service		Cdarvaicht.
}		1			(Stewardship).		
1			ļ i				
		<u>L</u>					
37.	Computer and	3114.10	1:4	Two	Broad Based Basic	One year	Passed 10 th
	Peripherals	5220.25		years	Training in Information	and six	class
	Hardware Repair			- 1	Technology Sector under	months	examination
	and				Centre of Excellence		under 10+2
1	Maintenance			·	Scheme and Advanced		system of
	Mechanic				module of Centre of		education or its
			٠.		Excellence Scheme in	•	equivalent.
					Repair and Maintenance	•	
					of Hardware of Computer		
	. •				and Peripherals.		ne film de e w
38.	Computer	4122.10	1:4	Two	Broad Based Basic	One year	Passed 10 th
	Networking	4112.20	.	years '	Training in Information	and six	class
	Technician	4113.35			Technology Sector under	months	examination
1					Centre of Excellence		under 10+2
1					Scheme and Advanced		system of
1					module of Centre of		education or its
					Excellence Scheme in		equivalent.
		-			Computer Networking.		
39.	Multimedia and	4112.20	4.4	<del></del>			
J. J.		4113.30	1:4	Two	Broad Based Basic	One year	Passed 10 th
1	Web Page Designer			years	Training in Information	and six	class
	TO GOINTHE!				Technology Sector under	months	examination
					Centre of Excellence		under 10+2
	·				Scheme and Advanced		system of
				}	module of Centre of Excellence Scheme in		education or its
							equivalent.
					Multimedia and Web Page Designing		
					age beagining.	.	
40.	Process Plant	8152.10	1.3	Two	Broad Based Basic	One year	Passed 10 th
	Operator		i	years	Training in Process Plant	and six	class
				,	Maintenance Sector	months	examination
.					under Centre of		under 10+2
				- 1	Excellence Scheme and		system of
				1	Advanced module of		education or its
				1	Centre of Excellence	-	equivalent.
					Scheme in Operator		- 4
					Chemical Plant.		
						1	t t

11	1 (4)(1)(4)	0404.00	140			<del></del>	
41.	Utility Operator	8161.30	1:3	Two years	Broad Based Basic Training in Process Plant Maintenance Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Operation and Maintenance of Boiler and Steam Turbine.	and six months	Passed 10 th class examination under 10+2 system of education or its equivalent.
42.	Maintenance Mechanic	8159.79	1:3	Two years	Broad Based Basic Training in Process Plant Maintenance. Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Mechanical Maintenance of Process Plant.	One year and six months	Passed 10 th class examination under 10+2 system of education or its equivalent.
43.	Electrical Mechanic	7241,20	1:3	Two years	Broad Based Basic Training in Process Plant Maintenance Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Electrical Maintenance of Process Plant.	One year and six months	Passed 10 th class examination under 10+2 system of education or its equivalent.
44.	Instrument Controller	7241.10	1:3	Two	Broad Based Basic Training in Process Plant Maintenance Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Electronic and Instrument Maintenance of Process Plant.	One year and six months	Passed 10 th class examination under 10+2 system of education or its equivalent.
45.	Technician Fabricator	7212.30	1:3	Two years	Broad Based Basic Training in Process Plant Maintenance Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Fabrication and Designing of Steel Structure.	One year and six months	Passed 10 th class examination under 10+2 system of education or its equivalent.

[F. No. DGET-2(2)/2009-AP]

SHARDA PRASAD, Director General/Jt. Secy.

**Note:** The principal rules were published in the Gazette of India vide number G.S.R. 356, dated the 1st August, 1992 and last amended vide number G.S.R. 507(E), dated the 16th June 2010.

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### असाधारण EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (i) PART II—Section 3—Sub-section (i)

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## श्रम और रोजगार मंत्रालय

(रोजगार और प्रशिक्षण महानिदेशालय)

### अधिसूचना

नई दिल्ली, 7 नवम्बर, 2007

सा.का.नि. 696(अ).—केन्द्रीय सरकार, शिक्षु अधिनियम, 1961 (1961 का 52) की धारा 37 की उप-धारा (1) द्वारा प्रदत्त शिक्षतयों का प्रयोग करते हुए, केन्द्रीय शिक्षुता परिषद् से परामर्श करने के पश्चात् शिक्षुता नियम, 1992 का और संशोधन करने के लिए निम्नलिखित नियम बनाती है, अर्थात् :—

- 1. (1) इन नियमों का संक्षिप्त नाम शिक्षुता (सातवा संशोधन) नियम, 2007 है।
  - (2) ये राजपत्र में प्रकाशन की तारीख को प्रवृत्त होंगे।
- 2. शिक्षुता नियम, 1992 की अनुसूची । में समूह सं. 34 और उससे संबंधित प्रविष्टियों के पश्चात् निम्नलिखित अंतःस्थापित किया जाएगा, अर्थात् :—

1 0			1.55
1 2	3 4 5	6 7	. 8
"समूह सं. 35 विशिष	टता व्यवसाय समूह केन्द्र :		
<ol> <li>मैकेनिक ऑटोमोबाइल (उन्नत पैट्रोल इंजन</li> </ol>	7233.22 1:2 दो वर्ष	ऑटोमोबाइल (पैट्रोल) की एक वर्ष और सर्विसिंग और ओवरहालिंग में छह मास विशिष्टता स्कीम केन्द्र और	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य ।
		विशिष्टता स्कीम केन्द्र के उन्नत मोड्यूल के अधीन ऑटो– मोबाइल सेक्टर में व्यापकता पर आधारित बुनियादी प्रशिक्षण	
<ol> <li>मैकेनिक ऑटोमांबाइल (उन्नत डीजल इंजन</li> </ol>	7233.24 1:2 दो वर्ष न)	ऑटोमोबाइल (डीजल) की एक वर्ष और सर्विसिंग और ओवरहालिंग में छह मास विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम केन्द्र के	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य ।

1 2	3	4	5	6	7.	8
		`		उन्तत मोड्यूल के अधीन ऑटो मोबाइल सेक्टर में व्यापकर पर आधारित बुनियादी प्रशिक्षा	- П	
3. मैकेनिक आटो इलैक्ट्रीकल	7242.10	1:2	दो वर्ष	आटो इलैक्ट्रोकल, ऑटो- इलैक्ट्रानिक्स और ऑटो- मोबाइल में वातानुकूलन की .विशिष्टता स्कीम केन्द्र औ विशिष्टता स्कीम केन्द्र के उन्नत मोड्यूल के अधीन आटो- मोबाइल सैक्टर में व्यापकता पर आधारित बुनियादी प्रशिक्षण	- छह मास	10 + 2 शिक्षा पद्धति व अधीन 10वीं कक्षा उत्तीण या इसके समतुल्य ।
<ol> <li>मैकनिक डेंटिंग, पेंटिंग और वेल्डिंग)</li> </ol>	7142.20 7213.30	1:2	दो वर्ष	डेंटिंग, पेंटिंग और वेल्डिंग में विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम केन्द्र के उन्तत मोड्यूल के अधीन आटो- मोबाइल सैक्टर में व्यापकता पर आधारित बुनियादी प्रशिक्षण	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य ।
5. टीआईजी/एमआईजी वेल्डर	7112.10 7212.20 7212.30 7212.65 7212.35	1:3	दो वर्ष	टीआईजी/एमआईजी वेल्डिंग में विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम केन्द्र के उन्तत मोड्यूल के अधीन फेब्रिकेशन (फिटिंग और वेल्डिंग) सैक्टर में व्यापकता पर आधारित बुनियादी प्रशिक्षण	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य ।
6. संरचनात्मक वेल्डर	7212.10 7212.20 7212.30 7212.65 8231.35	1:3	दो वर्ष	विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम केन्द्र के उन्नत मोड्यूल के अधीन संरचनात्मक वेल्डिंग में वेल्डिंग फेब्रिकेशन (फिटिंग और वेल्डिंग) सैक्टर में व्यापकता पर आधारित बुनियादी प्रशिक्षण	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य ।
7. वेल्डर (पाइप और दाब जलयान)	7212.10 7212.20 7212.30 7212.65 8231.35	1:2	दो वर्ष	दाब जलयान और पाइप विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम केन्द्र के उन्तत मोड्यूल के अधीन वेल्डिंग फेब्रि- केशन (फिटिंग और वेल्डिंग) में व्यापकता पर आधारित बुनियादी प्रशिक्षण	छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य ।
 . रसायन प्रयोगशाला सहायक	3111.30	1:2	दो वर्ष		छह मास उ	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण ग इसके समतुल्य ।

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1 2	3	4	5	6	7	8
9. उन्नतं यांत्रिक	7311.10 7311.30 7241.10	1:2	दो वर्ष (१) (१) (१) (१) (१) (१) (१) (१) (१) (१)	रसायन सैक्टर में विशिष्टिता व्यवसाय स्कीम केन्द्र और विशिष्टता स्कीम केन्द्र के उन्नत मोड्यूल के अधीन उपकरण यांत्रिक में व्यापकता पर आधारित बुनियादी प्रशिक्षण	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य ।
· 10. सीएडी–सीएएम प्रचालक सह– कार्यक्रमक	3121.20	1 : 2	ं दो वर्ष	स्नीएडी/सीएएम विशिष्टिता स्कीम केन्द्र के उन्तत मोड्यूल के अधीन उत्पादन और विनिर्माण सैक्टर में व्यापकता पर आधारित बुनियादी प्रशिक्षण	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य।
11. उन्नत वेल्डर	7212.10 7212.20 7212.30 7212.65 8231.35	1:2	<b>दो वर्ष</b> - १८५५ - १८५५ - ५५७५	उत्पादन और विनिर्माण सैक्टर में विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम केन्द्र के उन्नत मोइयून के अधीन उन्नत वैल्डिंग में व्यापकता पर आधारित बुनियादी प्रशिक्षण	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य ।
12. जिग्स और फिक्सचर मेकर	7222.30	1:2	दो वर्ष	उत्पादन और विनिर्माण सैक्टर में विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम केन्द्र के उन्नत मोड्यूल के अधीन जिग्स और फिक्सचर के विनिर्माण में व्यापकता पर आधारित बुनियादी प्रशिक्षण	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य ।
13. क्वालिटी आश्वासन सहायक	3152.90	1:2	दो वर्ष	क्वालिटी इंजीनियरी में विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम केन्द्र के उन्तत मोड्यूल के अधीन उत्पादन और विनिर्माण सैक्टर में व्यापकता पर आधारित बुनियादी प्रशिक्षण	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य ।
14. सीएनसी कार्यक्रमक सह-प्रचालक	3121.20	1:3	दो वर्ष	उत्पादन और विनिर्माण सैक्टर में विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम केन्द्र के उन्नत मोड्यूल के अधीन सीएनसी मशीनिंग में व्यापकता पर आधारित बुनियादी प्रशिक्षण	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य ।
15. प्रचालक पीएलसी प्रणाली	8211.90	1:2	दो वर्ष	पीएलसी और आटोमेशन में विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम केन्द्र के उन्नत मोड्यूल के अधीन उत्पादन और विनिर्माण सैक्टर में व्यापकता पर आधारित बुनियादी प्रशिक्षण	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य ।
16. मेकेनिक (विद्युत घरेलू उपकरण)	7233.58	1:2	दो वर्ष	घरेलू उपकरणों की मरम्मत और रखरखाव में विशिष्टिता	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण



1	2	3	4	5	6	7	8
					स्कीम केन्द्र और विशिष्टता स्कीम केन्द्र के उन्नत मोड्यूल के अधीन वैद्युत सैक्टर में व्यापकता पर आधारित बुनियादी प्रशिक्षण		या इसके समतुल्य ।
17	7. मेकेनिक (एचटी, एलटी उपस्कर और केवल संयोजन)	7245.20	1:2	दो वर्ष	एचटी, एलटी उपकेन्द्र और केबल संयोजन में प्रयुक्त उप- स्करों के प्रचालन और रख- रखाव में विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम केन्द्र के उन्तत मोङ्कूत के अधीन वैद्युत सैक्टर में व्यापकता पर आधारित बुनियादी प्रशिक्षण	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य ।
18	. मेकेनिक (विद्युत शक्ति युतिया)	7241.20 7242.10	1:2	दो वर्ष	इलैक्ट्रानिक परीक्षण उपस्कर की मरम्मत और रखरखाव में विशिष्टता स्कीम केन्द्र और विशिष्टिता स्कीम केन्द्र के उन्तत मोड्यूल के अधीन वैद्युत सैक्टर में व्यापकता पर आधारित बुनियादी प्रशिक्षण	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य ।
19.	. मेकेनिक (एमबेडेड प्रणाली और पीएलर्स	8211.90 †)	1:2	दो वर्ष	एमबेडेड प्रणाली और पीएलसी में विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम केन्द्र के उन्नत मोइ्यूल के अधीन इलैक्ट्रानिक सैक्टर में व्या- पकता पर आधारित बुनियादी प्रशिक्षण	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य ।
20.	मकेनिक पावर इलैक्ट्रानिक्स (इन्वर्टर्स, यूपीएस और ड्राइवर्स की रखरखाव)	7241.10 7242.10	1:2	दो वर्ष	इन्वर्टर्स यूपीएस, वोल्टेज स्टेब- लाइजर और औद्योगिक ड्राईव्स में विशिष्टता व्यवसाय स्कीम केन्द्र और विशिष्टता स्कीम केन्द्र के उन्नत मोड्यूल के अधीन इलैक्ट्रानिक सैक्टर में व्यापकता पर आधारित बुनियादी प्रशिक्षण	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य ।
21.	मेकेनिक (डीटीएच और अन्य संचार प्रणाली)	7243.10 7244.20	1:2	दो वर्ष	संचार प्रणाली में विशिष्टता व्यवसाय स्कीम केन्द्र और विशिष्टता स्कीम केन्द्र के उन्नत माडयूल के अधीन इलैक्यूनिक सेक्टर में व्यापकता पर आधारित बुनियादी प्रशिक्षण	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य ।
22.	मेकेनिक (घरेलू वाणिज्य प्रशीतन और वातानुकूलन मशीन)	7233.50	1:2	दो वर्ष	मेकेनिक, घरेलू वाणिज्यिक प्रशीतन और वातानुकूलन मशीन में विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम केन्द्र के	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य ।

[भाग II—खण्ड 3(	-41			भारत का राजपत्र : असाधारण		
1 2	3	4	5	6	7	8
w.		egene ransen i		उन्नत मोड्यूल के अधी प्रशीतन और वातानुकूल सैक्टर में व्यापकता पर आधारि बुनियादी प्रशिक्षण	<b>न</b>	· ·
23. मेकेनिक (केन्द्र वातानुकूलन संव औद्योगिक शीता और पैकेज वातानुकूलन)	त्रंत्र,	1:2	दो वर्ष	मेकेनिक, (केन्द्रीय वातानुकूलन संयंत्र, औद्योगिक शीतलन औ पैकेज वातानुकूलन) में विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम केन्द्र के उन्नत माड्यूल के अधीन प्रशीतन और वातानुकूलन सैक्टर में व्यापकता पर आधारित बुनियादी प्रशिक्षण	र छह मास	र 10 + 2 शिक्षा पद्धति व अधीन 10वीं कक्षा उत्ती या इसके समतुल्य ।
24. मेकेनिक (शीतगृ बर्फ संयंत्र और ब कैण्डी संयंत्र)	ह, 7413.50 एर्फ 8169.30	1:2	दो वर्ष	शीतगृह, बर्फ संयंत्र और बर्फ, कैण्डी संयंत्र में विशिष्टता व्यवसाय स्कीम केन्द्र और विशिष्टता स्कीम केन्द्र के उन्नत मोड्यूल को अधीन प्रशीतन और वाता– नुकूलन सैक्टर में व्यापकता पर आधारित बुनियादी प्रशिक्षण	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य ।
5. कंप्यूटर सहायता प्राप्त पेटर्न मेकर	7222.80 7422.38 7434.20 7435.10 7442.16	1:2	दो वर्ष	कंप्यूटर सहायता प्राप्त और पेटर्न मेकिंग में विशिष्टता व्यवसाय स्कीम केन्द्र और विशिष्टता स्कीम केन्द्र के उन्नत मोड्यूल के अधीन वस्त्र सैक्टर में व्यापकता पर आधारित बुनियादी प्रशिक्षण	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य ।
फेशन डिजाइन सहायक	7471.40	1:2	दो वर्ष	फैशन डिजाइन में विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम केन्द्र के उन्नत मोड्यूल के अधीन वस्त्र सैक्टर में व्यापकता पर आधारित बुनियादी प्रशिक्षण	छहं मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य ।
शर्ट और पेंट मेकर	7433.25 1 7433.30	:4 र	रो वर्ष		ज्ह मास <u>अ</u>	0 + 2 शिक्षा पद्धति के , धीन 10वीं कक्षा उत्तीर्ण

[फा. सं. डीजीईटी-23(5)/(3005)/2006-एपी]

शारदा प्रसाद, महानिदेशक/संयुक्त सचिव

या इसके समतुल्य ।

टिप्पण: मूल नियम भारत के राजपत्र में सा.का.नि. 356 तारीख 1 अगस्त, 1992 में प्रकाशित किए गए थे और अंतिम संशोधन सा.का.नि. 576(अ) तारीख 6 सितम्बर, 2007 द्वारा किया गया।

प्रशिक्षण

स्कीम केन्द्र के उन्नत मोड्यूल

के अधीन वस्त्र सैक्टर में व्यापकता पर आधारित बुनियादी



## MINISTRY OF LABOUR AND EMPLOYMENT

(DIRECTORATE GENERAL OF EMPLOYMENT AND TRAINING)

### NOTIFICATION

New Delhi, the 7th November, 2007

G.S.R. 696(E).—In exercise of the powers conferred by Sub-section (1) of Section 37 of the Apprentices Act, 1961 (52 of 1961), the Central Government, after consulting the Central Apprenticeship Council, hereby makes the following rules further to amend the Apprenticeship Rules, 1992, namely:

- 1. (1) These rules may be called the Apprenticeship (Seventh Amendment) Rules, 2007.
  - (2) They shall come into force on the date of their publication in the Official Gazette.
- 2. In the Apprenticeship Rules, 1992, in Schedule I, after Group No. 34 and the entries relating thereto, the following shall be inserted, namely:--

	"Group No 35 C			4 5	6	7	. 8
	"Group No. 35—C			e Trades (	Group:		
	<ol> <li>Mechanic         Automobile         (Advance Petro         Engine)</li> <li>Mechanic</li> </ol>			:2 Two year	Dasic I raining	and six months	examination und
3.	Automobile (Advance Diesel Engine)		•	years	Broad Based Basic Training in Automobile Sector under Centre of Excellence Scheme and Advance module of Centre of Excellence Scheme in Servicing and Overhauling of Automobiles (Diesel).	One yea and six months	r Passed 10th class examination unde 10+2 system of education or its equivalent
	Electronics	7242.1	•	2 Two years	Broad Based Basic Training in Automobile Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Auto Electrical, Auto-Electronics and Air-conditioning in Automobiles.	One year and six months	Passed 10th class examination under 10+2 system of education or its equivalent.
	Mechanic (Denting, Painting and Welding)	7142.20 7213.30	1:2	Two years	Broad Based Basic Training in Automobile Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Denting-Painting and Welding.	One year and six months	Passed 10th class examination under 10+2 system of education or its equivalent.
	TIG/MIG Welder	7212.10 7212.20 7212.30 7212.65 8231.35	1:3	Two years	Broad Based Basic Training in Fabrication (Fitting and Welding) Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in TIG/MIG Welding.	One year and six months	Passed 10th class examination under 10+2 system of education or its equivalent.
	Structural Welder	7212.10 7212.20 7212.30	1:3	years 1	in Fabrication (Fitting and	and six	Passed 10th class examination under 10+2 system of educa-



1	2	3	4	5	6	7	8
	*44 - 12 - 12 - 12 - 12 - 12 - 12 - 12 -	7212.65 8231.35			of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Structural Welding.	ji ver <b>to St</b> eta High in S Africana	gg ^(*) *002
7.	Welder (Pipe and Pressure Vessels)	7212.10 7212.20 7212.30 7212.65 8231.35	1:2	Two	Broad Based Basic Training in Fabrication (Fitting and Welding) Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Pressure Vessels and Pipe Welding.	One year and six months	Passed 10th clasexamination under 10+2 system of education or its equivalent
8.	Chemical Laboratory Assistant	3111.30	1:2	Two years	Broad Based Basic Training in Chemical Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Laboratory Assistant.	One year and six months	Passed 10th clasexamination under 10+2 system of education or its equivalent
9.	Advance Mechanic (Instruments)	7311.10 7311.30 7241.10	1:2	Two years	Broad Based Basic Training in Chemical Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Instruments Mechanic.	One year and six months	Passed 10th clasexamination und 10+2 system of eduction or its equivalent
10.	CAD-CAM Operator-cum- Programmer	3121.20	1:2	Two years	Broad Based Basic Training in Production and Manufacturing Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in CAD/CAM.	One year and six months	Passed 10th cla examination und 10+2 system of educ tion or its equivalent
11.	Advance Welder	7212.10 7212.20 7212.30 7212.65 8231.35	1:2	Two years	Broad Based Basic Training in Production and Manufacturing Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Advanced Welding.		Passed 10th cla examination und 10+2 system of educ tion or its equivalen
12.	Jigs and Fixtures Maker	7222.30	1:2	Two years	Broad Based Basic Training in Production and Manufacturing Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Manufacturing of Jigs and Fixtures.	One year and six months	Passed 10th cla examination und 10+2 system of educ tion or its equivalen
13.	Quality Assurance Assistant	ce 3152.90	1:2	Two years	Broad Based Basic Training in Production and Manufacturing Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Quality Engineering.	One year and six months	Passed 10th cla examination und 10+2 system of edu tion or its equivalen



=	3		THE	GAZETT	TE OF INDIA: EXTRAORDI	NARY	[PART II—SEC. 3(i)
_	1 2.	3	4	5	6	7	8
1	4. CNC Programmer cum-Operator	- 3121.20	) 1:3	3 Two years	Broad Based Basic Training in Production and Manufacturing Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in CNC Machining.	One yea and six months	r Passed 10th class examination under 10+2 system of educa- tion or its equivalent.
	5. Operator PLC System	8211.90	1:2	Two years	Broad Based Basic Training in Production and Manufacturing Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in PLC and Automation.	One year and six months	Passed 10th class examination under 10+2 system of education or its equivalent.
16	<ol> <li>Mechanic         Electrical Domestic         (Appliances)</li> </ol>	7233.58	1:2	Two years	Broad Based Basic Training in Electrical Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Repair and Maintenance of Domestic Appliances.	One year and six months	Passed 10th class examination under 10+2 system of education or its equivalent.
17	. Mechanic (HT, LT Equipments and Cable Jointing)	7245.20	1:2	Two years	Broad Based Basic Training in Electrical Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Operation and Maintenance of equipments used in HT, LT Sub-station and Cable Jointing.	One year and six months	Passed 10th class examination under 10+2 system of education or its equivalent.
18.	Mechanic (Electrical Power Drives)	7241.20° 7242.10	1:2	Two years	Broad Based Basic Training in Electrical Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Repair and Maintenance of Electronic Test Equipment.	One year and six months	Passed 10th class examination under 10+2 system of education or its equivalent.
	Mechanic (Embedded Systems and PLC)	8211.90	1:2	Two years	Broad Based Basic Training in Electronics Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Embedded Systems and PLC.	One year and six months	Passed 10th class examination under 10+2 system of education or its equivalent.
	Mechanic Power Electronics (Inverters, UPS, and Maintenance of Drives)	7241.10 7242.10	1:2	Two years	Broad Based Basic Training in Electronics Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Inverters, UPS, Voltage Stabilizer and Industrial Drives.	One year and six months	Passed 10th class examination under 10+2 system of education or its equivalent.
21.	Mechanic (DTH and other Communication	7243.10 7244.20	1:2	years	Broad Based Basic Training in Electronics Sector under Centre of Excellence Scheme		Passed 10th class examination under 10+2 system of educa-



### EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (i) PART II—Section 3—Sub-section (i) प्राधिकार से प्रकाशित PUBLISHED BY AUTHORITY

सं. 499]

नई दिल्ली, बुधवार, सितम्बर 8, 2010/भाद्र 17, 1932

No. 499]

NEW DELHI, WEDNESDAY, SEPTEMBER 8, 2010/BHADRA 17, 1932

### श्रम और रोजगार मंत्रालय

(रोजगार और प्रशिक्षण महानिदेशालय)

## अधिसूचना

नई दिल्ली, 7 सितम्बर, 2010

सा.का.नि. 734(अ).— केन्द्रीय सरकार, शिक्षु अधिनियम, 1961 (1961 का 52) की धारा 37 की उपधारा (1) द्वारा प्रदत्त शिक्षतयों का प्रयोग करते हुए केन्द्रीय शिक्षुता परिषद् से परामर्श करने के पश्चात् शिक्षुता नियम, 1992 का और संशोधन करने के लिए निम्नलिखित नियम बनाती है, अर्थात् :--

- (1) इन नियमों का संक्षिप्त नाम शिक्षुता (तीसरा संशोधन) नियम, 2010 है ।
  - (2) ये राजपत्र में प्रकाशन की तारीख को प्रवृत्त होंगे ।

2. शिक्षुता नियम, 1992 की अनुसूची 1 में-

(i) समूह सं. 20 के अधीन, क्रम संख्यांक 5 और उससे संबंधित प्रविष्टियों के पश्चात् निम्नलिखित अंतःस्थापित किया जाएगा,

		अर्थात :			·		<del> </del>	
	1	2	3.	4.	5.	6.	7.	8.
-		पृष्पोत्पादक और	2213.20	1:5	एक वर्ष	पुष्पोत्पादक और भू- दृश्य निर्माण	छह मास	10 + 2 शिक्षा
	<b>'</b> 6	٠٠٠٠٠٠	2210.20	1.5	,	3		पद्धति के
		भू- दृश्य		1			·	अधीन जीव
		निर्माणकर्ता						विज्ञान के
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								कक्षा उत्तीर्ण
								या इसके
								समतुल्य";

(ii) समूह सं. 23 के अधीन क्रम संख्यांक 4 और उससे संबंधित प्रविष्टियों के पश्चात् निम्नलिखित अंतःस्थापित किया जाएगा, अर्थात :--

1.	2.	3.	4.	5.	6.	7.	8.
<b>"</b> 5	मैकेनिक संचार	7244.20	1:5	दो वर्ष	1. मैकेनिक संचार उपस्कर	एक वर्ष	10 + 2 शिक्षा
	उपस्कर अनुरक्षण				अनुरक्षण		पद्धति के अधीन
					2. मैकेनिक रेडियो और	एक वर्ष	10वीं कक्षा उत्तीर्ण
					टेलीविजन		या इसके समतुल्य।
					3. मैकेनिक सह-प्रचालक	एक वर्ष	
			·		इलेक्ट्रोनिक संचार प्रणाली		
6.	मैकेनिक रेडियो	7243.70	1:5	तीन	मैकेनिक रेडियो और टेलीविजन	दो वर्ष	10 + 2 शिक्षा
	और टेलीविजन			वर्ष			पद्धति के अधीन
							एक विषय के रूप
							में विज्ञान के साथ
							10वीं कक्षा उत्तीर्ण
					·		या इसके समतुल्य।

(iii) समूह सं. 31 में क्रम संख्यांक 5 और उससे संबंधित प्रविष्टियों के, पश्चात् निम्नलिखित अंतःस्थापित किया जाएगा, अर्थात्:-

1.	2.	3.	4.	5.	6.	7.	8.
" 6.	मैकेनिक	7243.30	1:5	तीन	मैकेनिक चिकित्सा इलेक्ट्रोनिक्स	दो वर्ष	10 + 2 शिक्षा
	चिकित्सा			वर्ष		,	पद्धति के
	इलेक्ट्रोनिक्स						अधीन गणित
						J	और विज्ञान
							के साथ 10वीं
	-					٠.	कक्षा उत्तीर्ण
							या इसके
							समतुल्य ।
7.	मैकेनिक	7243.10	1:5	तीन	मैकेनिक उपभोक्ता इलेक्ट्रोनिक्स	दो वर्ष	10 + 2 शिक्षा
	उपभोक्ता.			वर्ष			पद्धति के
	इलेक्ट्रोनिक्स						अधीन गणित
					·		और विज्ञान
							के साथ 10वीं
							कक्षा उत्तीर्ण
							या इसके
							समतुल्य ।
8.	मैकेनिक	7243.10	1:5	तीन	मैकेनिक मैकेट्रोनिक्स	दो वर्ष	10 + 2 शिक्षा
	मैकेट्रोनिक्स			वर्ष			पद्धति के
							अधीन भौतिक
				}		,	विज्ञान और
							रसायन
							विज्ञान और

·	<u> </u>	T -3	4	5-	6		7	8
1-	1 2				787			गणित के
ľ								साथ 12वीं
}		, ·			£.	3		कक्षा उत्तीर्ण
				green (A		r:		या इसके
					ath a second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of			समतल्य" :

(iv) समूह सं. 35 के अधीन क्रम संख्यांक 45 और उससे संबंधित प्रविष्टियों के पश्चात् निम्नलिखित अंतःस्थापित किया जाएगा, अर्थात :--

<del></del>	जाएगा, अथात :-	<del></del>	<del></del> -	·			0
1.	2.	3.	4.	5.	6,	7.	8.
66	मैकेनिक रेडियो,	7243.70	1:3	दो वर्ष	रेडियो, दृश्य-श्रव्य प्रणाली और		10 + 2 शिक्षा
46	दृश्य-श्रव्य प्रणाली	7243.90			साधित्र में विशिष्टता स्कीम केन्द्र	छह मास	पद्धति के
	साधित्र				और विशिष्टता स्कीम केन्द्र के		अधीन 10वीं
					उन्नत मोड्यूल के अधीन		कक्षा उत्तीर्ण
					इलेक्ट्रोनिक्स सेक्टर में व्यापकता		या इसके
			٠.		पर आधारित बुनियादी प्रशिक्षण	· · · · · · · · · · · · · · · · · · ·	समतुल्य ।
47.	मैकेनिक,	7243.10	1:3	दो वर्ष	इलेक्ट्रोनिक्स परीक्षण उपस्कर	एक वर्ष और	10 + 2 शिक्षा
	इलेक्ट्रोनिक			-	की मरम्मत और रखरखाव में	छह मास	पद्धति के
	परीक्षण उपस्कर				विशिष्टता स्कीम केन्द्र और		अधीन 10वीं
	की मरम्मत और				विशिष्टता स्कीम केन्द्र के उन्नत		कक्षां 'उत्तीर्ण
	अनुरक्षण		,		मोड्यूल के अधीन इलेक्ट्रोनिक्स		या इसके
					सेक्टर में व्यापकता पर आधारित		समतुल्य ।
		-			बुनियादी प्रशिक्षण		
48.	।   मैकें निक	7231.10	1:3	दो वर्ष	आटोमोबाइल इलेक्ट्रोनिक्स में		10 + 2 शिक्षा
	आटोमोबाइल				इलेक्ट्रोनिक्स की स्कीम में	छह भास	पद्धति के
	इलेक्ट्रोनिक्स				विशिष्टता स्कीम केन्द्र और		अधीन 10वीं
					विशिष्टता स्कीम केन्द्र के जन्नत		कक्षा उत्तीर्ण
					मोड्यूल के अधीन इलेक्ट्रोनिक्स		या इसके
					सेक्टर में व्यापकता पर आधारित		समतुल्य ।
					बुनियादी प्रशिक्षण	.dee	
49.	मैकेनिक यांत्रिक	7233.38	1:3	दो वर्ष	आटोमोशन के लिए मैकेनिक		10 + 2 शिक्षा
	अनुरक्षण				यांत्रिक अनुरक्षण की स्कीम में	छह मास	पद्धति के
	(औद्योगिक				विशिष्टता स्कीम केन्द्र और		अधीन 10वीं
	आटोमोशन )				विशिष्टता स्कीम केन्द्र के उन्नत		कक्षा उत्तीर्ण
	1				मोड्यूल के अधीन औद्योगिक	1	या इसके
					आटोमोशन सेक्टर में व्यापकता		समतुल्य ।
					पर आधारित बुनियादी प्रशिक्षण		
50.	मैकेनिक वैद्युत	7241.70	1:3	दो वर्ष	आटोमोशन के लिए वैद्युत	एक वर्ष और	10 + 2 शिक्षा
	अनुरक्षण		-		रखरखाव की रकीम में विशिष्टता		पद्धति के
	(औद्योगिक				स्कीम केन्द्र और विशिष्टता		अधीन 10वीं
	आटोमोशन )				रकीम केन्द्र के उन्नत मोड्यूल	A. Carrier	कक्षा उत्तीर्ण
					के अधीन औद्योगिक आटोमोशन	B .	या इसके
					सेक्टर में व्यापकता पर आधारित	1	समतुल्य ।
					बुनियादी प्रशिक्षण		
1		!			10	1	

F1	10-0-	3	4	5	6	1	<del></del>
51.	पीएलसी प्रचालक	7233.38	1: 3		आटोमोशन और पीएलसी की स्कीम में विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम केन्द्र के उन्नत मोड्यूल के अधीन औद्योगिक आटोमोशन सेक्टर में व्यापकता पर आधारित बुनियादी प्रशिक्षण	छह मास	82 10 + 2 शिक्ष पद्धति व अधीन 10व कक्षा उत्तीण या इसके समतुल्य";

(v) समूह सं. 35 और उससे संबंधित प्रविष्टियों के, पश्चात् निम्नलिखित अंतःस्थापित किया जाएगा, अर्थात :--

1.	2.	3.	4.	5.	6.		
समूह र	सं. ३६- आतिथ्य व्य	ापार समूह:	<del></del>	—	0.	7.	8.
" 1.	पर्यटक परिदर्शक	5113.20	1:7	एक वर्ष	पर्यटक परिदर्शक		
					11/4/14/	छह मास	10 + 2 रि
					¢ .		पद्धति
- 1							अधीन 12
							कक्षा उत्ती
	<u> </u>						या इस
	वार्धक्य परिचारक	5131.20	1:5	एक वर्ष	arefair \		समतुल्य ।
	V		7.0	347.44	वार्धक्य देखभाल	छह मास	10 + 2 शि
							पद्धति ।
							अधीन 🐣 🛭
							कक्षा उत्ती
							या इसव
	-		L				समतुल्य ।

(vi) समूह सं. 36 और उससे संबंधित प्रविष्टियों के, पश्चात् निम्नलिखित अंतःस्थापित किया जाएगा, अर्थात :--

1,	2.	3.	4.	5.	6		
" समृ	ह सं. 37- कार्यान	य प्रबंध व्यापार	समृहः		6.	7.	8.
1.	सिवालयिक सहायक	4115.10	1:5	एक वर्ष और छह मास	1. आशुलिपी (अंग्रेजी ) 2. सिववालियिक व्यवसाय	एक वर्ष एक वर्ष	10 + 2 शिक्ष पद्धति द अधीन 12व कक्षा उत्तीप या इसवे समतुल्य।

1	2	3	4	ی کی	6	7	8
	आशुलिपिक	4111.10	1:5		आशुलिपी (अंग्रेजी )	एक वर्ष	10 + 2 शिक्ष पद्धति व
	(अंग्रेजी)		lay/ 12.1	और छह			अधीन 12व
			ingsel Stanses	मास			कक्षा उत्ती। या इसर
			Jana d	्राष्ट्रीय व्यवस्थात् । स्ट्रियम्	t .		समतुल्य ।

[फा. सं. डीजीईटी-2(1)/2010-एपी]

अनिल स्वरूप, महानिदेशक/संयुक्त सचिव

टिप्पण : मूल नियम भारत के राजपत्र में संख्यांक सा.का.नि. 356, तारीख 1 अगस्त, 1992 द्वारा प्रकाशित किए गए थे और सा.का.नि. 609(अ), तारीख 21 जुलाई, 2010 द्वारा अंतिम संशोधन किया गया।

## MINISTRY OF LABOUR AND EMPLOYMENT (DIRECTORATE GENERAL OF EMPLOYMENT AND TRAINING) NOTIFICATION

New Delhi, the 7th September, 2010

G.S.R.734(E) In exercise of the powers conferred by sub-section (1) of section 37 of the Apprentices Act, 1961 (52 of 1961), the Central Government, after consulting the Central Apprenticeship Council, hereby makes the following rules further to amend the Apprenticeship Rules, 1992, namely: -

- (1) These rules may be called the Apprenticeship (Third-Amendment) Rules, 2010. (2) They shall come into force on the date of their publication in the Official Gazette.
- In the Apprenticeship Rules, 1992, in the Schedule I, ---2.

under Group No. 20, after serial number 5 and the entries relating thereto, the following shall be inserted, namely:-

1 "6.	2	3 2213.20	4		6 Florist and Landscaping	7 Six months	8 Passed 12 th class examination
	Landscaper			year		•	under 10+2 system of education with Biology or its equivalent.";

under Group No. 23, after serial number 4 and the entries relating thereto, the following shall be inserted, namely:-

shall be inse	erteu, namon			7	8.	
1. 2. 72 "5. Mechanic 72 Communication Equipment Maintenance	3. 4. 244.20 1:5	5. Two years	6. 1. Mechanic Communication Equipment Maintenance 2. Mechanic Radio and T.V. 3. Mechanic cum Operator Electronic Communication System	One year	Passed 10 th class examination under 10+2 system of education or its equivalent	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s

1 1	2_	1 -3	14	1		,	
Fa	Machania Davi	70.0	1 7	<u>د ا</u>	6	7	8
6.	Mechanic Radio and T.V.	7243.70	1:5	Three years	Mechanic Radio and T.V.	Two year	Passed 10 th class examination under 10+2 system of education with Science as one of the subject or its equivalent.";

(iii) under Group No. 31, after serial number 5 and the entries relating thereto, the following shall be inserted, namely:-

		e mserteu, i	lamely				,
1.	2.	3.	4.	5.	6.	7.	8.
"6.	Mechanic Medical Electronics	7243.30	1:5	Three years	Mechanic Medica Electronics		
	Liectionics	1					examination
	,						under 10+2
1		·					system of
		}				}	education with
							Mathematics and
							Science or its
7.	Mechanic	7243.10	1:5	Three	Mask		equivalent.
	Consumer	1230.10	1.5	years	Mechanic Consumer	Two year	Passed 10 th
	Electronics			years	Electronics		class
							examination
		.	ļ				under 10+2
							system of
						,	education with
ļ			.				Mathematics and
J			-	1			Science or its
8.	Mechanic	7243.10	1:5	Three	Mechanic Mechatronics		equivalent.
	Mechatronics			years	Modranic Wechanonics	Two years	Passed 12 th
			1				class
					•		examination
							under 10+2
							system of
			1				education with Physics,
		}	1				
1							Chemistry and Mathematics or
							its equivalent.";
	(iv) under G	roup No. 3	5. afte	r serial	number 45 and the entries		no equivalent.

(iv) under Group No. 35, after serial number 45 and the entries relating thereto, the following shall be inserted, namely:-

1.	2.	3.	4.	5.	6.		1 -
"46	Mechanic Radio, Audio, Video System and Appliances	7243.70 7243.90	1:3	Two years	Broad Based Basic Training in Electronics Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Radio, Audio, Video System and Appliances	One year and six months	Passed 10 th class examination under 10+2 system of education or its equivalent.

ARCHANIC Repair and Maintenance of Electronics Test Equipment	1	2	₹.	4	3	6	7	g
Repair and Maintenance of Electronics Test Equipment  48. Mechanic Automobile Electronics  49. Mechanic Maintenance (Industrial Automation)  49. Mechanic Mechanical Maintenance (Industrial Automation)  40. Mechanic Mechanical Mechanical Maintenance (Industrial Automation)  40. Mechanic Mechanical Mechanical Maintenance (Industrial Automation)  40. Mechanic Mechanical Mechanical Mechanical Mechanical Mechanical Mechanical Mechanical Mechanical Mechanical Mechanical Mechanical Mechanical M	47.	I	7243.10	1:3	Two			Passed 10 th class
Maintenance of Electronics Test Equipment  48. Mechanic Automobile Electronics  49. Mechanical Mechanical Maintenance (Industrial Automation)  49. Mechanic Automation)  49. Mechanical Maintenance (Industrial Automation)  49. Mechanical Maintenance (Industrial Automation)  49. Mechanical Maintenance (Industrial Automation)  49. Mechanical Maintenance (Industrial Automation)  49. Mechanical Maintenance (Industrial Automation)  49. Mechanical Maintenance (Industrial Automation)  49. Mechanical Maintenance (Industrial Automation)  49. Mechanical Maintenance (Industrial Automation)  49. Mechanical Maintenance (Industrial Automation)  49. Mechanical Maintenance (Industrial Automation)  49. Mechanical Maintenance (Industrial Automation)  49. Mechanical Maintenance (Industrial Automation)  49. Mechanical Maintenance (Industrial Automation)  49. Mechanical Maintenance (Industrial Automation)  49. Mechanical Maintenance (Industrial Automation)  49. Mechanical Maintenance (Industrial Automation)  49. Mechanical Maintenance (Industrial Automation)  49. Mechanical Maintenance (Industrial Automation)  40. Mechanical Maintenance (Industrial Automation)  50. Mechanic Testellore (Industrial Automation)  51. PLC Operator Testellore (Industrial Automation)  72. Training in Industrial Automation Sector (Industrial Automation)  72. Training in Industrial Automation Sector (Industrial Automation)  73. Two (Industrial Automation)  74. Training in Industrial Automation Sector (Industrial Automation)  75. PLC Operator Testellore (Industrial Automation)  75. PLC Operator Testellore (Industrial Automation)  75. PLC Operator Testellore (Industrial Automation)  75. PLC Operator Testellore (Industrial Automation)  75. PLC Operator Testellore (Industria					years	Training in Electronics	and six	į.
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Advanced module of equivalent";  Centre of Excellence	ļ	.'						
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Centre of Excellence	2			1.7	,	Advanced module of		equivalent";
						Centre of Excellence		
Scheme in Automation						Scheme in Automation		
and PLC								

(v) After Group No. 35 and the entries relating thereto, the following shall be inserted, namely:-

_		Hatticity.						
L	1	2.	3.	4.	5.	6.	7.	8.
	"Gro	up No. 36-Hospita	lity Trades	Group	<b>):</b>	Section 2		<u> </u>
	1.	Tourist-Guide	5113.20	1:7	One	Tourist Guide	Six	Passed 12 th
					year		months	class
ļ								examination
١								under 10+2
								system of
					-			education or its
1								equivalent.

1	2	3	4	_2_	€	1 7	8
2.	Old Age Care Taker	5131.20	1:5	One year	Old Age Care	Six months	Pass 8 th class examination from recognized
							school or its equivalent.";

(vi) After Group No. 36 and the entries relating thereto, the following shall be inserted,

1.	2.	3.	4	5.	6.	7.	8.				
"Gro	"Group No. 37-Office Management Trades Group:										
1.	Secretarial Assistant	4115.10	1:5	One year and six	Stenography     (English)	One year	Passed 12 th class examination				
				months	2. Secretarial Practice	One year	under 10+2 system of education or its equivalent.				
2.	Stenographer (English)	4111.10	1:5	One year and six months	Stenography (English)	One year	Passed 12 th class examination under 10+2 system of education or its equivalent".				

[F. No. DGET-2(1)/2010-AP]

ANIL SWARUP, Director General/Jt. Secy.

Note: The principal rules were published in the Gazette of India, vide number G.S.R. 356, dated the 1st August, 1992 and last amended vide number G.S.R. 609(E), dated the 21st July, 2010.

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