

**URGENT/IMPORTANT**

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 CEOs/ CMDs/ MDs of Central PSUs as per list attached**

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

Sir/Madam,

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**).

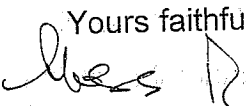
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4. Whereas it is heartening to note that industry has appreciated such multiskilling courses, which is in line with their requirement, their employment in the public sector has been lagging behind, probably because these courses have not been included in the relevant recruitment rules. While various Central PSUs are recruiting ITI passouts under conventional courses, they are yet to add such multiskilling courses in their Recruitment Rules(RRs). The vacancies advertised by PSUs are based upon traditional ITI courses and therefore passouts from multiskilling courses (popularly known as CoE) are not eligible to apply these vacancies.

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**  
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Email: shardaprasad81@nic.in

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.

## List of CEOs/ CMDs/ MDs of Central Public Sector Enterprises

1.	Chairman & Managing Director Artificial Limbs Manufacturing Corpn. Of India Limited, P.O. Naramau, G.T. Road, <u>Kanpur – 208 016 (U.P.)</u>
2.	Chairman, Airports Authority of India, A-Block, Rajiv Gandhi Bhavan, Safdarjung Airport, <u>New Delhi – 110 003.</u>
3.	Air India Charters Ltd., 21 <sup>st</sup> Floor, Air India Bldg., Nariman Point, <u>Mumbai – 400 021.</u>
4.	C.O.O. Airline Allied Services Ltd., Domestic Arrival Terminal, 1 <sup>st</sup> Floor, IGI Airport, <u>New Delhi – 110 037</u>
5.	Executive Director, Antrix Corporation Limited, Antrix Bhavan, New BEL Road, <u>Bangalore – 560 231</u>
6.	Chairman, Air India Engineering Services Ltd. Air India Building, Nariman Point, <u>Mumbai – 400 021.</u>
7.	Managing Director, A&N Islands Forests & Plantation Development Corporation Ltd, Vanvikas Bhavan, 36, J.N. Road, P.O. Haddo, Port Blair – 744 102 <u>Andaman</u>
8.	Chairman, Assam Ashok Hotel Corpn Ltd, Hotel Brahmaputra Ashok MG Road, Guwahati – 781 001

9.	Chairman, Akaltara Power Ltd., C/o PFC, Urja Bhawan, Barakhamba Road, <u>New Delhi – 110 001</u>
10.	Chairman, Air India Air Transport Services Ltd, Air India Building, Nariman Point, <u>Mumbai-400 021</u>
11.	Chairman & Managing Director, Andrew Yule & Company Ltd Yule House, 8, Dr. Rajendra Prasad Sarani, <u>Kolkata – 700 001</u>
12.	Managing Director, Balmer Lawrie & Co. Ltd., 21, Netaji Subhas Road, <u>Kolkata – 700 001, West Bengal</u>
13.	Bengal Chemicals & Pharmaceuticals Ltd. 6, Ganesh Chunder Avenue, <u>Kolkata – 700 013</u>
14.	Chairman & Managing Director Bharat Dynamics Ltd., Kanchanbagh, <u>Hyderabad – 500 058</u>
15.	Chairman & Managing Director, Bharat Electronics Ltd., Outer Ring Road, Nagavara, <u>Bangalore – 560 045</u>
16.	Chairman & Managing Director (Acting), Bharat Sanchar Nigam Limited, Bharat Sanchar Bhavan, H.C. Mathur Lane, Janpath, <u>New Delhi – 110 001</u>

17.	Chairman & Managing Director, Bridge & Roof Company (I) Ltd. Kankaria Centre, 5 <sup>th</sup> Floor, 2/1, Russel Street, <u>Kolkata – 700 071</u>
18.	Managing Director Burn Standard Co. Ltd 22-B, Raja Santyosh Road <u>Kolkata – 700 027</u>
19.	Braithwaite & Co. Ltd., 5, Hide Road, Khidirpur <u>Kolkata – 700 043</u>
20.	Chairman and Managing Director Bharat Bhari Udyog Nigam Ltd. 26, Raja Santosh Road, Alipore, <u>Kolkata – 700 027</u>
21.	Chairman & Managing Director, British India Corporation Ltd., 11/6, Parvati Bangla Road, P.B.N. 77, <u>Kanpur – 208 001 (U.P.)</u>
22.	Managing Director Bharat Pumps & Compressors Ltd, Naini, Allahabad – 211 010 (U.P.)
23.	Chairman & Managing Director, Bharat Heavy Electricals Ltd., BHEL HOUSE, Siri Fort, <u>New Delhi – 110 049</u>
24.	Managing Director, Bharat Heavy Plates & Vessels Ltd B.H.P.V, Post, <u>Visakhapatnam – 530 012</u>
25.	Managing Director, Bharat Immunologicals & Biologicals Corporation Ltd, Oral Polio Vaccine Plant, Village Chola, P.O. Chola <u>Distt. Bulandshahr, U.P. – 203 203</u>

26.	Executive Director, Bharat Refractories Ltd., Sector – IV, Indira Gandhi Marg, Bokaro Steel City – 827 004 Dist. Bokaro, Jharkhand
27.	Managing Director, Brahmaputra Crackers & Polymer Ltd., GAIL Training Institute, Plot No.24, Sector 16 A, <u>NOIDA – 201 301 (U.P.)</u>
28.	Chairman & Managing Director, Bharat Petroleum Corpn. Ltd., Bharat Bhavan, 4 & 6, Currimbhoy Road, Ballard Estate, <u>Mumbai – 400 001</u>
29.	Birds Jute & Exports Ltd, Chartered Bank Building, 2nd Floor, 4, Netaji Subhas Road, <u>Kolkata-700 001</u>
30.	Chairman & Managing Director Biecco Lawrie Limited, P-54, Hide Road Extension, <u>Kolkata – 700 088</u>
31.	Chairman & Managing Director (Actg.), Brahmaputra Valley Fertilizers Corporation Ltd., C -56/21, Sector - 62 <u>NOIDA – 201 301</u>
32.	Managing Director, Bharatiya Nabhikiya Vidyut Nigam Ltd, 16 <sup>th</sup> Floor, World Trade Center, Cuffe Parade, <u>Mumbai – 400 005</u>
33.	Managing Director Bharat Wagon & Engineering Co. Ltd. C-Block, 5 <sup>th</sup> Floor, Mauryalok Complex, Dak Banglow Road <u>Patna – 800 001</u>
34.	Chairman & Managing Director Bharat Coking Coal Ltd Koyla Bhawan, Koyla Nagar P.O. BCCL Township <u>Distt. Dhanbad, Jharkhand</u>

35.	Chairman & Managing Director, BEML Ltd., BEML Soudha, 23/1, 4th Main Road, Sampangiranagar, <u>Bangalore – 560 027</u>
36.	Chairman & Managing Director, Broadcast Engineering Consultants India Ltd., 14-B, Ringh Road, Indraprastha Estate, <u>New Delhi – 110 002</u>
37.	Managing Director, Braithwaite, Burn & Jessop Construction Co. Ltd. 27, R.N. Mukherjee Road, <u>Kolkata – 700 001</u>
38.	Managing Director, Balmer Lawrie Investments Ltd 21, Netaji Subhas Road, <u>Kolkata – 700 001</u>
39.	Bihar Drugs & Organic Chemicals Ltd., C/o IDPL, IDPL Complex, Dundahera, Delhi Gurgaon Road, <u>Gurgaon – 122 016</u>
40.	MD Bharat Petro Resources Ltd. Bharat Bhavan, 4 & 6, Currimbhoy Road, Ballard Estate, <u>Mumbai 400 038</u>
41.	Chairman, Bhartiya Rail Bijlee Company Ltd. 7, SCOPE Complex Lodi Road, <u>New Delhi 110 003</u>
42.	MD, Bharat Petro Resources JDPA Bharat Bhavan, 4 & 6, Currimbhoy Road, Ballard Estate, <u>Mumbai 400 038</u>
43.	BEL Optronics Devices Ltd., Outer Ring Road, Nagavara, <u>Bangalore – 560 045</u>

44.	Chairman, Bokaro Kodarma Maithon Transmission Company Ltd. C/o PFC, Urja Bhawan, Barakhamba Road, <u>New Delhi – 110 001</u>
45.	Chairman & Managing Director, Cement Corporation of India Ltd, SCOPE Complex, Core V, 7, Lodi Road, <u>New Delhi – 110 003</u>
46.	Chairman & Managing Director Central Coalfields Ltd., Darbhanga House, <u>Ranchi – 834 001 (Jharkhand)</u>
47.	Chairman & Managing Director, Central Inland Water Transport Corporation Limited, 4, Fairlie Place, <u>Kolkata – 700 001</u>
48.	Chairman & Managing Director, Central Electronics Limited, Saur Urja Marg, 4, Industrial Area, <u>Sahibabad – 201 010 (U.P.)</u>
49.	Managing Director, Central Cottage Industries Corporation of India Ltd., Jawahar Vyapar Bhavan, Janpath, <u>New Delhi – 110 001</u>
50.	Chairman & Managing Director Central Mine Planning & Design Instituted Ltd., Gondwana Place, Kanke Road, <u>Ranchi – 834 031</u>
51.	Managing Director, Central Railside Warehouses Co. Ltd. Warehousing Bhawan, 4/1, Siri Institutional Area August Kranti Marg, Hauz Khas <u>New Delhi – 110 016</u>

52.	Managing Director, Central Warehousing Corporation, Warehousing Bhawan, 4/1, Siri Institutional Area, August Kranti Marg, Hauz Khaz, New Delhi – 110 016
53.	Managing Director, Chennai Petroleum Corporation Ltd., 536, Anna Salai, Teynampet, Chennai – 600 018
54.	Chairman, Certification Engineers International Ltd EIL House, 1, Bhikaji Cama Place, R.K. Puram, New Delhi – 110 066
55.	Chairman, Coal India Ltd., Coal Bhawan, 10, Netaji Subhash Road, Kolkata – 700 001
56.	Chairman & Managing Director, Cochin Shipyard Limited, Administrative Building, Perumanoor, P.O. Box 1653, Cochin – 682 015
57.	Managing Director, Container Corporation of India Ltd. CONCOR Bhavan, C – 3, Mathura Road, Opp. Apollo Hospital, New Delhi – 110 076.
58.	Chairman & Managing Director, Cotton Corporation of India Ltd., Kapas Bhavan, Plot No. 3-A, Sector – 10, P.B. No.60, CBD Belapur, Navi Mumbai – 400 614.
59.	Chairman, Coastal Karnataka Power Ltd., C/o PFC, Urjanidhi Bldg., 1, Barakhamba Lane, Connaught Place, New Delhi 110 001
60.	Shri Satnam Singh, Chairman & Managing Director Coastal Maharashtra Mega Power Ltd., C/o PFC, Urjanidhi Bldg., 1, Barakhamba Lane, Connaught Place, New Delhi 110 001

61.	Chairman & Managing Director Coastal Tamilnadu Power Ltd., C/o PFC, Urjanidhi Bldg., 1, Barakhamba Lane, Connaught Place, New Delhi 110 001
62.	Chairman Creda HPCL Biofuel Ltd., 17, Jamshedji Tata Road, Churchgate, Mumbai – 400 020
63.	Chairman & Managing Director, Dredging Corporation of India Ltd., 'Dredge House', 2nd Floor, Port Area, Visakhapatnam – 530 035
64.	Managing Director, Dedicated Freight Corridor Corporation of India Ltd., 3 <sup>rd</sup> Floor, Metro Station Building Complex, Pragati Maidan, New Delhi – 110 001
65.	Chairman & Managing Director Donyi Polo Ashok Hotel Corpn. Ltd Sector – C, Itanagar – 791 111 Arunachal Pradesh
66.	Chairman & Managing Director Eastern Coalfields Ltd., Sanctoria, P.O. Dishergarh, Distt. Burdwan – 713 333 (West Bengal)
67.	Chairman, East-North Interconnection Co. Ltd., Urjanidhi Bldg., 1, Barakhamba Lane, Connaught Place, New Delhi 110 001
68.	Mrs. Anju Banerjee, Chairman & Managing Director, Educational Consultants of India Ltd., Ed. CIL House, 18-A, Sector 16-A, Distt. Gautam Budh Nagar, Noida – 201 301, U.P
69.	Chairman & Managing Director, Electronics Corporation of India Ltd., ECIL Post Office, Hyderabad – 500 062

70.	Chairman & Managing Director, Engineers India Ltd., Engineers India Bhawan, 1, Bhikaji Cama Place, R.K. Puram, <u>New Delhi – 110 066</u>
71.	Chairman & Managing Director, Engineering Projects (India) Limited, Core - 3, Scope Complex, 7, Lodi Road, <u>New Delhi – 110 003</u>
72.	Chairman and Managing Director, Ennore Port Ltd., P.T. Lee Chengalvaraya Naicker Maligai, 23, Rajaji Salai, <u>Chennai – 600 001</u>
73.	Chairman & Managing Director, Export Credit Guarantee Corporation of India Ltd., 10th Floor, Express Towers, Nariman Point, <u>Mumbai – 400 021</u>
74.	Managing Director, Ferro Scrap Nigam Ltd., FSNL Bhavan, Post Box No. 37, Central Avenue, Equipment Chowk, <u>Bhilai – 490 001</u>
75.	Chairman & Managing Director, Fertilizer Corporation of India Ltd., A-14, PDIL Bhawan, Sector -1, <u>Nodia – 201 301 (U.P.)</u>
76.	Chairman and Managing Director FCI Aravali Gypsum & Minerals India Ltd. Mangu Singh Rajvi Marg, Poata 'B' Road, <u>Jodhpur (Rajasthan)</u>
77.	Chairman & Managing Director, FACT Ltd., Udyogmandal – 683 501, Kochi, <u>Kerala</u>
78.	Chairman & Managing Director, Food Corporation of India, 16-20, Barakhamba Lane, <u>New Delhi – 110 001</u>

79.	CEO, Fresh & Healthy Services Ltd. CONCOR Bhawan, C – 3, Mathura Road, Opp. Appollo Hospital, <u>New Delhi – 110 076</u>
80.	Chairman & Managing Director, Garden Reach Shipbuilders & Engineers Ltd., 43/46, Garden Reach Road, <u>Kolkata – 700 024</u>
81.	Chairman & Managing Director, Goa Shipyard Limited, Vaddem House, Vaddem, Vasco-da-Gama, <u>Goa – 403 802</u>
82.	Chairman & Managing Director, GAIL (India) Ltd., 16, Bhikaji Cama Place, R.K. Puram, <u>New Delhi – 110 066.</u>
83.	Chairman, GAIL Gas Ltd. 16, Bhikaji Cama Place, R.K. Puram, <u>New Delhi – 110 066</u>
84.	Chairman, Ghogarpalli Integrated Power Company Ltd. C/o PFC, Urjanidhi Bldg., 1, Barakhamba Lane, Connaught Place, <u>New Delhi 110 001</u>
85.	Chairman, Hindustan Aeronautics Ltd., 15/1, Cubbon Road, <u>Bangalore – 560 001</u>
86.	Chairman & Managing Director, HSCC (India) Ltd., E-6(A), Sector - I, <u>Noida – 201 301 (U.P.)</u>
87.	Chairman, Managing Director, Hoogly Dock & Port Engineers Ltd, Martin Burn House, 2nd Floor, 1, R.N. Mukhergy Road, <u>Kolkata – 700 001</u>

88.	Chairman & Managing Director, Hindustan Shipyard Limited, Gandhigram P.O., <u>Visakhapatnam – 530 005</u>
89.	Chairman & Managing Director(Acting) Housing & Urban Dev. Corpn. Ltd., HUDCO Bhawan, Core-7A, India Habitat Centre, Lodi Road, <u>New Delhi – 110 003</u>
90.	Chairman & Managing Director, Hooghly Printing Co. Ltd 'Yule House', 6, Dr. Rajendra Prasad Sarani, <u>Kolkata – 700 001</u>
91.	Chairman & Managing Director, Hindustan Insecticides Ltd, SCOPE Complex, Core-6, 7, Lodi Road, <u>New Delhi – 110 003</u>
92.	Chairman & Managing Director, Hindustan Copper Ltd., "Tamra Bhavan", 1, Ashutosh Chowdhury Avenue, <u>Kolkata – 700 019</u>
93.	Chairman & Managing Director, Hindustan Petroleum Corpn. Ltd., 17, Jamshedji Tata Road, Churchgate, <u>Mumbai – 400 020</u>
94.	Chairman & Managing Director, Hindustan Prefab Limited, Jangpura, <u>New Delhi – 110 014</u>
95.	Chairman & Managing Director, Hindustan Fertilizer Corporation Ltd., A-14, PDIL Bhawan, Sector -1, <u>Nodia – 201301 (U.P.)</u>
96.	Managing Director Hindustan Newsprint Ltd., Newsprint Nagar, P.O. Kottayam Distt. <u>Kerala – 686 616</u>

97.	Managing Director, Hindustan Vegetable Oils Corpn Ltd, 64-65, Satguru Ram Singh Marg, Kirti Nagar Industrial Area, <u>New Delhi – 110 015</u>
98.	Chairman & Managing Director(Acting) Hindustan Photo Films Mfg. Co. Ltd, Indunaga, <u>Ootacamund – 643 005</u>
99.	Chairman & Managing Director, Hindustan Steelworks Construction Ltd., 5/1, Commissariat Road, Hastings, <u>Kolkata – 700 022</u>
100.	Managing Director, Hindustan Fluorocarbons Ltd., 1402, Babukhan Estate <u>Bashirbagh, Hyderabad</u>
101.	Chairman & Managing Director(Acting) Hindustan Salts Ltd, B-427, Pradhan Marg, Near Upkar Shopping Centre, Malyiva Nagar, <u>Jaipur – 302 017</u>
102.	Chairman HMT (International) Limited HMT Bhavan, Vth Floor 59, Bellary Road, <u>Bangalore – 560 032</u>
103.	Chairman & Managing Director, HLL Lifecare Ltd., Laer Bhavan, Poojappura, <u>Trivandrum – 695 012.</u>
104.	Managing Director Hindustan Antibiotics Ltd, Mumbai Pune Road, Pimpri, <u>Pune – 411 018</u>
105.	Chairman & Managing Director, H.M.T. Ltd., HMT Bhavan, 59, Bellary Road, <u>Bangalore – 560 032.</u>



106.	General Manager (T) HMT Bearings Ltd., Moula Ali, <u>Hyderabad – 500 040</u>
107.	UC HMT Chinar Watches Ltd., Zainakote, <u>Srinagar – 190 012 (J&amp;K)</u>
108.	Chairman, HMT Machines Tools Ltd No. 59, Bellary Road, <u>Bangalore – 560 032 (Karnataka)</u>
109.	Managing Director, HMT Watches Ltd., HMT Bhavan, No.59, Bellery Road, <u>Bangalore – 560 032</u>
110.	Chairman & Managing Director, Handicrafts & Handlooms Export Corpn. of India Limited, Jawahar Vyapar Bhavan Annexe, 1, Tolstoy Marg, <u>New Delhi – 110 001</u>
111.	Chairman & Managing Director, Hindustan Cables Ltd, 9, Elgin Road, <u>Kolkata – 700 020 (West Bengal)</u>
112.	Chairman & Managing Director(Acting) Hindustan Organic Chemicals Ltd, Harchandrai House, 81, M.K.Road, <u>Mumbai – 400 002</u>
113.	Chairman & Managing Director (Acting), Hindustan Paper Corpn. Ltd., 75-C, Park Street, <u>Kolkata – 700 016</u>
114.	Chairman & Managing Director, Hotel Corporation of India Ltd., Centaur Hotel, IGI Airport, <u>New Delhi – 110 037</u>

115.	Chairman & Managing Director, Heavy Engineering Corpn. Ltd. Plant Plaza Road, PO: Dhurwa, <u>Ranchi – 834 004</u>
116.	Chairman & Managing Director(Acting) Indian Drugs & Pharmaceuticals Ltd, IDPL Complex, Dundahera, Delhi Gurgaon Road, <u>Gurgaon – 122 016</u>
117.	Managing Director, Indian Medicines Pharmaceuticals corpn.Ltd., Mohan, Distt. Almora (Via Rampur), <u>Uttarakhand – 244 715</u>
118.	Chairman & Director(F) (Acting) Indian Oil Corporation Ltd., IOC Corporate Office, Plot No. 3079/3, J.B. Tito Marg, Sadiq Nagar, <u>New Delhi – 110 049</u>
119.	Chief Executive Officer, Indian Oil Technologies Ltd., R&D Centre, Sector 13, <u>Faridabad – 121 007 (Haryana)</u>
120.	Chairman & Managing Director, ITI Ltd, ITI Bhawan, Doorwani Nagar, <u>Bangalore – 560 016</u>
121.	Chairman & Managing Director India Infrastructure Finance Co. Ltd 1201-1207, Naurang House 21, Kasturba Gandhi Marg, <u>New Delhi – 110 001</u>
122.	Chairman & Managing Director, India Trade Promotion Organisation, Pragati Bhavan, Pragati Maidan, <u>New Delhi – 110 001</u>
123.	Managing Director, IRCON International Ltd., Plot No. C-4, District Centre, Saket <u>New Delhi – 110 017</u>

124.	Chairman & Managing Director, Instrumentation Limited, Jhalawar Road, <u>Kota – 324 005</u>
125.	Instrumentation Control Valve Limited, Jhalawar Road, <u>Kota – 324 005</u>
126.	Chairman, Instrumentation Digital Control Limited, Jhalawar Road, <u>Kota – 324 005</u>
127.	Chairman, I.L. Power Electronics Ltd. Jhalawar Road, <u>Kota – 324 005</u>
128.	Managing Director, Indian Railway Catering & Tourism Corporation Ltd., 9th Floor, Bank of Baroda, Building, 16, Parliament Street, <u>New Delhi – 110 001</u>
129.	Managing Director, Indian Railway Finance Corporation Ltd., U.G. Floor, East Tower, NBCC Place, Bhisma Pitamah Marg, Pragati Vihar, Lodi Road, <u>New Delhi – 110003</u>
130.	Managing Director, Indian Renewable Energy Development Agency Ltd., 3 <sup>rd</sup> Floor, August Kranti Bhawan, Bhikaji Cama Place, <u>New Delhi – 110 003</u>
131.	Chairman & Managing Director, India Tourism Development Corporation Ltd., 6 <sup>th</sup> Floor, Scope Complex, Core - 8, 7, Lodi Road, <u>New Delhi – 110 003</u>

132.	Chairman & Managing Director, Indian Rare Earths Limited Plot No. 1207, ECIL Building, Veer Savarkar Marg, Opp. Siddhivinayak Temple, Pabhadevi, <u>Mumbai 400 028</u>
133.	Chairman, IDPL (Tamilnadu) Ltd. IDPL Complex, Dundahera, Delhi Gurgaon Road, <u>Gurgaon – 122 016</u>
134.	Managing Director, Indian Vaccine Corporation Ltd.,
135.	Chairman, IAL Airport Services Ltd., C/o NACIL, Air India Building, Nariman Point, <u>Mumbai – 400 021 (Maharashtra)</u>
136.	Chairman, J&K Mineral Dev. Corporation Ltd., 33-B/B, Gandhinagar <u>Jammu – 180 004</u>
137.	Chairman, Jharkhand Integrated Power Ltd., C/o PFC, Urjanidhi Bldg., 1, Barakhamba Lane, Connaught Place, <u>New Delhi – 110 001</u>
138.	Director(F) Jute Corporation of India Ltd., 15-N, Nellie Sengupta Sarani, <u>Kolkata – 700 087</u>
139.	Managing Director, Karnataka Antibiotics & Pharmaceuticals Ltd., Dr. Raj Kumar Road I-Block, Rajaji Nagar, <u>Bangalore – 560 010</u>
140.	Chairman, Kanti Bijlee Utpadan Nigam Ltd. 7, SCOPE Complex Lodi Road, <u>New Delhi – 110 003</u>

141.	CEO & EM Karnataka Trade Promotion Organisation, No. 14/3, 2 <sup>nd</sup> Floor, Rashtrathana Parishad Building, Nrupakanga, <u>Bangalore – 560 001</u>
142.	Managing Director, Konkan Railway Corporation Limited, Belapur Bhavan, Sector - 11, CBD, Belapur, <u>Navi Mumbai – 400 614</u>
143.	Chairman & Managing Director, KIOCL Limited, 2 <sup>nd</sup> Block, Koramangala, <u>Bangalore – 560 034 (Karnataka)</u>
144.	Chairman & Managing Director, Kumarakruppa Frontiers Hotels(P) Ltd., 5 <sup>th</sup> Floor, Core 8, Scope Complex, 7, Lodi Road, <u>New Delhi – 110 003</u>
145.	Chairman & Managing Director, MP Ashok Hotel Corporation Ltd., Paryatan Bhawan, Bhadbhada Road, <u>Bhopal – 462 003</u>
146.	Chairman & Managing Director, Madras Fertilizers Ltd., P.B. No. 2, Manali, <u>Chennai – 600 068</u>
147.	Chairman & Managing Director, Mazagaon Dock Ltd. Dockyard Road, Mazagon, <u>Mumbai – 400 010</u>
148.	Chairman & Managing Director Mahanadi Coalfields Ltd., Jagruti Vihar, Burla, <u>Sambalpur – 768 020 (Orissa)</u>
149.	Chairman & Managing Director, MOIL Limited (Manganese Ore (India) Ltd.,) MOIL Bhawan, 1A, Katol Road, Chhaoni, <u>Nagpur – 440 013</u>

150.	ED & CEO Maharashtra Elektros melt Ltd Chanda Mul Road, <u>Chandrapur – 442 401 (Maharashtra)</u>
151.	Managing Director, Mumbai Railway Vikas Corporation Ltd, 2nd Floor, Churchgate Station Building, Churchgate <u>Mumbai – 400 020</u>
152.	Chairman & Managing Director, Mishra Dhatu Nigam Ltd., P.O. Kanchanbagh, <u>Hyderabad – 500 258.</u>
153.	Chairman & Managing Director, Mineral Exploration Corporation Ltd., Dr. Baba Saheb Ambedkar Bhavan, High Land Drive Road, Seminary Hills, <u>Nagpur – 440 006 (Maharashtra)</u>
154.	Chairman & Managing Director(Acting) MMTC Ltd., Core 1, Scope Complex, 7, Lodi Road, <u>New Delhi – 110 003</u>
155.	Chairman, Shri U.K. Basu, Managing Director Mangalore Refinery & Petrochemicals Ltd., Post Kuthethur via Katipalla, <u>Manglore – 575 030</u>
156.	Chairman & Managing Director MECON Ltd., Vivekananda Path, P.O. Doranda, <u>Ranchi – 834 002 (Jharkhand)</u>

157.	Chairman & Managing Director(Acting) Mahanagar Telephone Nigam Limited, 12th Floor, Jeevan Bharati, Tower – I, 124, Connaught Circus, <u>New Delhi – 110 001</u>
158.	Chairman & Managing Director, MSTC Ltd., 225-C, A.J.C. Bose Road, <u>Kolkata – 700 020</u>
159.	Chairman, Millennium Telecom Ltd., Malabar Hills, Telephone Exchange Building, 1 <sup>st</sup> Floor, Malabar Hills, A.G. Bell Marg, <u>Mumbai – 400 006</u>
160.	Chairman & Managing Director, National Handicapped Finance & Development Corporation, Sector 12, Red Cross Bhawan, Opp. Mini Secretariat, <u>Faridabad – 121 007</u>
161.	Managing Director, National Minorities Development & Finance Corporation Ltd. SCOPE Minar, Core-II, 2 <sup>nd</sup> Floor, Laxmi Nagar, <u>Delhi – 110 092</u>
162.	Managing Director, National Safai Karamcharis Finance & Development Corporation, B-2, 1st floor, Greater Kailash Enclave-II Near Savitri Crossing, <u>New Delhi – 110 048</u>
163.	Chief Executive Officer Nagaland Pulp & Paper Co. Ltd Tuli, P.O. Papernagar – 798 623 Distt. Mokochung, <u>Nagaland</u>
164.	Chairman & Managing Director(Acting) National Projects Construction Corporation Ltd., Raja House, 30-31, Nehru Place, <u>New Delhi – 110 019</u>

165.	Chairman & Managing Director, National Seeds Corporation Limited Beej Bhavan, Pusa Complex, <u>New Delhi – 110 012</u>
166.	Managing Director, National Film Development Corpn. Ltd. Discovery of India Bldg., Nehru Centre, Dr. Annie Besant Road, Worli, <u>Mumbai – 400 018</u>
167.	Chairman & Managing Director, National Fertilizers Ltd., A - 11, Sector - 24, <u>NOIDA – 201 301 (U.P.)</u>
168.	Chairman & Managing Director, National SC Finance & Dev. Corporation, 14 <sup>th</sup> Floor, SCOPE Minar Core 1 & 2, North Tower, Laxmi Nagar, Dist. Centre, <u>Delhi – 110 092</u>
169.	Chairman & Managing Director National ST Finance & Dev. Corporation, NBCC Tower, Hall No.1, 5th Floor, 15, Bhikaji Cama Place, <u>New Delhi – 110 066</u>
170.	Chairman & Managing Director, National Small Industries Corpn. Ltd. NSIC Bhavan, Okhla Industries Estate, Okhla Industrial Estate <u>New Delhi – 110 020</u>
171.	Chairman & Managing Director(Acting) National Buildings Construction Corporation Ltd., NBCC Bhawan, Lodi Road, <u>New Delhi – 110 003</u>
172.	Managing Director, National BC Finance & Dev. Corpn., 5th Floor, NCUI Building, 3, Siri Institutional Area, Khel Gaon Marg, <u>New Delhi – 110 016</u>

173.	Managing Director, Numaligarh Refinery Ltd, P.O. NRP Complex, Distt. Golaghat, Assam – 785 699
174.	Chief Executive Officer, NHDC Limited, NHDC Parisar, Shyamla Hills, Bhopal – 462 013
175.	Chairman & Managing Director(Acting) NHPC Limited, NHPC Office Complex, Sector - 33, Faridabad – 121 003 (Haryana)
176.	Chairman & Managing Director National Research Dev. Corpn. of India 20-22, Zamroodpur Community Centre Kailash Colony Extension, New Delhi – 110 048
177.	Chairman & Managing Director NTPC Ltd., NTPC Bhawan, Core-7, SCOPE Complex 7, Institutional Area, Lodi Road, New Delhi – 110 003
178.	____ Chairman, ____ CEO NTPC Hydro Ltd., A-11, NFL Premises, F-Wing, Sector – 24, Noida – 201 301
179.	Chairman Shri Vishwaroop, CEO NTPC Electric Supply Co. Ltd., R&D Building, Sector – 24, Noida – 201 301
180.	Chairman Shri K.K. Agarwal, CEO NTPC Vidyut Vyapar Nigam Ltd Core – 5, 3 <sup>rd</sup> Floor, SCOPE Complex, 7, Lodhi Road, New Delhi – 110 003
181.	Chairman & Managing Director, Neyveli Lignite Corporation Ltd., Block – 1, <u>Neyveli – 607 801</u> Cuddalore District, Tamil Nadu.

182.	Managing Director, National Handlooms Dev. Corpn. Ltd., Vikas Deep, 22, Station Road, <u>Lucknow – 226 001</u>
183.	Chairman & Managing Director, NEPA Limited, Nepanagar, Dist. Burhanpur, <u>Madhya Pradesh – 450 221</u>
184.	Chairman & Managing Director, National Textile Corporation Ltd, SCOPE Complex, Core IV, 7, Lodhi Road, <u>New Delhi – 110 003</u>
185.	Chairman & Managing Director National Jute Manufacturers Corpn. Ltd, Chartered Bank Building, 2nd Floor, 4, Netaji Subhas Road, <u>Kolkata – 700 001</u>
186.	Chairman & Managing Director, NMDC Limited, 10-3-311/A, Castle Hills, Khanij Bhavan, Masab Tank, <u>Hyderabad – 500 028.</u>
187.	Chairman cum Managing Director, National Aluminium Company Ltd., NALCO Bhavan, P – 1, Nayapalli, <u>Bhubhneswar - 751 007.</u>
188.	Managing Director, National Informatics Centre Services Inc. Hall No.2&3, 6th Floor, NBCC Tower, 15, Bhikaji Cama Place, <u>New Delhi – 110 066</u>
189.	Chairman & Managing Director, National Aviation Company of India Ltd, Air India Building, Nariman Point, <u>Mumbai – 400 021</u>
190.	Chairman & Managing Director Northern Coalfields Ltd., P.O. Singrauli, Dist. Sidhi, <u>Madhya Pradesh – 486 889</u>

191.	Chairman & Managing Director, National Instruments Ltd., 1/1, Raja S.C. Mullik Road, Jadavpur, <u>Kolkata</u> <u>– 700 032</u>
192.	Chairman & Managing Director(Acting) NEEPCO Limited, Brookland Compound, Lower New Colony, Shillong – 793 003 (Meghalaya)
193.	Managing Director, North Eastern Handicrafts & Handloom Dev. Corporation Ltd., East Point Tower, Bamunimaidan, <u>Guwahati-781021</u>
194.	Managing Director, North Eastern Regional Agricultural Marketing Corporation Limited, Rajbari Path, Ganeshguri, G.S. Road, <u>Guwahati – 781 005</u>
195.	Managing Director, Nuclear Power Corporation of India Ltd., Nabhikiya Urja Bhavan, Anushaktinagar, <u>Mumbai – 400 094</u>
196.	CMD North Karanpura Transmission Company Ltd., C/o REC, Core – 4, SCOPE Complex, Lodi Road, <u>New Delhi – 110 003</u>
197.	Chairman, NLC Tamilnadu Power Ltd. Block – 1, <u>Neyveli – 607 801</u> Cuddalore District, Tamil Nadu.
198.	Chairman & Managing Director, Oil India Ltd., Plot No. 19, Film City, Sector 16A, <u>NOIDA – 201 301 (U.P.)</u>
199.	Chairman & Managing Director, Acting) Oil & Natural Gas Corporation Ltd., 6 <sup>th</sup> Floor, Jeevan Bharati, Tower – II, 124, Indira Chowk, Connaught Place, <u>New Delhi – 110 001</u>

200.	Managing Director, ONGC Videsh Ltd., 6 <sup>th</sup> Floor, Kailash Building, 26, K.G. Marg, Connaught Place, <u>New Delhi – 110 001</u>
201.	General Manager, Orisa Drugs & Chemicals Ltd., 1, Mancheswar Industrial Estate, <u>Bhubaneswar – 751 010</u>
202.	Chairman, Orissa Integrated Power Ltd. Urjanidhi Building, 1, Barakhamba Lane, Connaught Place, <u>New Delhi – 110 001</u>
203.	Chairman & Managing Director, Pawan Hans Helicopters Limited, Corporate Office, Safdarjung Airport, <u>New Delhi – 110 003</u>
204.	Chairman & Managing Director, PEC Limited, Hansalaya, 15, Barakhamba Road, <u>New Delhi – 110 001</u>
205.	Chairman & Managing Director, Pondicherry Ashok Hotel Corpn. Ltd East Coast Road, Kalapet <u>Pondicherry – 605 014</u>
206.	Chairman & Managing Director Power Finance Corporation, Urjanidhi Building, 1, Barakhamba Lane, Connaught Place, <u>New Delhi – 110 001</u>
207.	Chairman & Managing Director, Power Grid Corporation of India Ltd., Saudamani, Plot No.2, Sector-29, <u>Gurgaon –122 001 (Haryana)</u>
208.	Chairman, PFC Consulting Ltd., Urjanidhi Building, 1, Barakhamba Lane, Connaught Place, <u>New Delhi – 110 001</u>

209.	Chairman and Managing Director Acting) Projects & Development India Ltd. A-14, Sector-I, NOIDA – 201 301 <u>Distt. Gautam Budh Nagar (UP)</u>
210.	Chairman & Managing Director, Punjab Ashok Hotel Co. Ltd., SCO – 183-84, Sector-8-C, Chandigarh (Punjab)
211.	Managing Director, RITES Ltd., RITES Bhavan, 1, Sector – 29, <u>Gurgaon – 122 001</u>
212.	Managing Director RailTel Corporation of India Ltd., 10th Floor, Bank of Baroda Building, 16, Sansad Marg, <u>New Delhi – 110 001</u>
213.	Managing Director, Rail Vikas Nigam Ljtd, Plot No. 25, 1 <sup>st</sup> Floor, August Kranti Bhawan, Bhikaji Cama Place, R. K. Puram, <u>New Delhi – 110 066</u>
214.	Chairman, Ranchi Ashok Bihar Hotel Corpn. Ltd., Hotel Ranchi Ashok P.O. Doranda <u>Ranchi – 834 002</u>
215.	Managing Director Rajasthan Drugs & Pharmaceuticals Ltd. Road No. 12, V.K.I. Area, <u>Jaipur – 302 013</u>
216.	Managing Director (Acting), Rajasthan Electronics & Instruments Ltd, D-280, Todermal Marg, Bani Park, <u>Jaipur – 302 016</u>
217.	Chairman & Managing Director Rural Electrification Corporation Ltd. Core –4, Scope Complex, 7, Lodi Road, <u>New Delhi – 110 003</u>

218.	Chief Executive Officer, REC Power Distribution Co. Ltd. Core –4, Scope Complex, Lodi Road, <u>New Delhi – 110 003</u>
219.	Chief Executive Officer REC Transmission Projects Co. Ltd. Core –4, Scope Complex, Lodi Road, <u>New Delhi – 110 003</u>
220.	Chairman & Managing Director (Acting) RCF Ltd. Priyadarshini, Eastern Express Highway, Sion Trombay Road, <u>Mumbai – 400 022</u>
221.	Chairman & Managing Director Rashtriya Ispat Nigam Ltd. Vishakhapatnam Steel Project Ltd. <u>Vishakhapatnam 530 031</u>
222.	Chairman & Managing Director Richardson & Cruddas (1972) Ltd, Sir J.J. Road, Byculla, Iron Works, Byculla <u>Mumbai – 400 008</u>
223.	Chairman & Managing Director, Satluj Jal Vidyut Nigam Limited, Himfed Building, New Shimla Shimla, <u>Himachal Pradesh – 171 009</u>
224.	Chairman & Managing Director, Scooters India Limited, Post Bag No. 23, GPO Sarojini Nagar, <u>Lucknow – 226 008 (U.P.)</u>
225.	Chairman & Managing Director, Security Printing & Mining Corporation of India Ltd, 16 <sup>th</sup> Floor, Jawahar Vyapar Bhavan, Janpath, <u>New Delhi – 110 001</u>
226.	Chairman & Managing Director, Sponge Iron India Limited, 11-0-3-311/A, Khanij Bhavan, 6 <sup>th</sup> Floor, Castel Hills, Masab Tank, <u>Hyderabd – 500 028</u>

227.	Chairman & Managing Director, State Trading Corpn. of India Ltd., Jawahar Vyapar Bhawan, Tolstoy Marg, New Delhi – 110 001
228.	Chairman & Managing Director South Eastern Coalfields Ltd., SECL Bhawan, Seepat Road, Bilaspur – 495006, Chattisgarh
229.	Managing Director STCL Ltd No. 166/2, 13 <sup>th</sup> Main, Vasanthanagar, Bangalore – 560 052
230.	Chairman & Managing Director, State Farms Corporation of India Ltd., Farm Bhavan, 14-15, Nehru Place, New Delhi – 110 019
231.	Chairman, Steel Authority of India Ltd., Ispat Bhavan, Lodi Road, New Delhi – 110 003
232.	Chairman & Managing Director, Sambhar Salts Ltd., Lal Niwas, B-427, Pradhan Marg, Malviya Nagar, Jaipur – 302 017.
233.	Chairman & Managing Director, Sethusamudram Corporation Ltd. Rajaji Salai, Opp. Chennai Collectorate, Chennai – 600 001
234.	Chairman & Managing Director, The Shipping Corporation of India Ltd., Shipping House, 245, Madame Cama Road, Mumbai – 400 021
235.	Chairman, Sakhigopal Integrated Power Company Ltd., C/o PFC, Urja Bhawan, Barakhamba Road, New Delhi – 110 001

236.	Managing Director, Tamilnadu Trade Promotion Organisation, Chennai Trade Centre, 6A, 6B&6C, Mount Poonamallee Road, Nandambakkam, Chennai – 600 089
237.	Chairman & Managing Director, Tehri Hydro Development Corporation Ltd, Ganga Bhavan, Pragatipuram Bypass Road, Rishikesh – 249 001 (Uttarakhand)
238.	Chairman & Managing Director, Telecommunications Consultants India Ltd., TCIL Bhavan, Greater Kailash, Part - I, New Delhi – 110 048
239.	Managing Director, Triveni Structural Ltd., 6, Naini, Allahabad – 211 010
240.	Chairman & Managing Director, Tungabhadra Steel Products Ltd., Tungabhadra Dam – 583 225 Karnataka State
241.	Chairman & Managing Director, Tyre Corporation of India Limited 19, Jawaharlal Nehru Road, Kolkata – 700 087 West Bengal
242.	Chairman, Utkal Ashok Hotel Corpn. Ltd., Hotel Neelachal Ashok, V.I.P. Road, Adjoining Raj Bhawan, Puri – 752 001
243.	Chairman & Managing Director, Uranium Corporation of India Ltd., Jaduguda Mines P.O., Dist. Singhbhum (East), Jharkhand – 832 102



244.	Chairman, Vignyan Industries Ltd., P.B. No 4, Haliypur, B.H.Road Chikmagalur Dist., Karnataka State, <u>Tarikere – 577 228</u>
245.	Chairman & Managing Director, WAPCOS Limited, 5 <sup>th</sup> Floor, Kailash Building, 26, K.G. Marg, <u>New Delhi – 110 001</u>
246.	Chairman & Managing Director Western Coalfields Ltd., Coal Estate, Civil Lines, <u>Nagpur – 440 001</u>



### **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.

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- (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):

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

Sl. No 1.	Name of the Sector 2.	Name of BBBT Module (one year duration) 3.	Name of Advanced Module approved by NVCT (6month duration) 4.
1.	Production & Manufacturing	<ol style="list-style-type: none"> <li>1. Basic Fitting &amp; Measurement</li> <li>2. Basic Sheet Metal Worker and Welding</li> <li>3. Basic Electrical &amp; Electronics &amp; Computer skill</li> <li>4. Basic Turning &amp; Grinding</li> <li>5. Basic Milling &amp; Gear Cutting (Dies and Moulds)</li> <li>6. Basic NC Programming               <ol style="list-style-type: none"> <li>a. &amp; Operation</li> </ol> </li> </ol>	<ol style="list-style-type: none"> <li>1. CNC Machining</li> <li>2. CAD/CAM</li> <li>3. PLC &amp; Automation</li> <li>4. Quality Engineering</li> <li>5. Manufacturing of Jigs &amp; Fixtures</li> <li>6. Advance Welding</li> <li>7. Tool and Die Maker</li> </ol>
2.	Electrical	<ol style="list-style-type: none"> <li>1. Basic Engineering Skill</li> <li>2. Basic Electrical Engineering</li> <li>3. Basic Electronics</li> <li>4. Basic Electrical Wiring and Winding</li> <li>5. Basic Power Generation Transmission &amp; Distribution</li> <li>6. Basic Computer Operating Skill &amp; its Application</li> </ol>	<ol style="list-style-type: none"> <li>1. Repair &amp; Maintenance of Domestic Appliances</li> <li>2. Repair &amp; Maintenance of Instruments used in Electrical Engineering</li> <li>3. Operation &amp; Maintenance of equipments used in HT,LT,Substation &amp; Cable Jointing</li> <li>4. Repair &amp; Maintenance of Electrical Machine &amp; Power Supply</li> <li>5. Non-Conventional Power Generation, Battery and Inverter</li> </ol>
3.	Electronics	<ol style="list-style-type: none"> <li>1. Basic Fitting &amp; Soldering</li> <li>2. Basic Electrical &amp; Electronics</li> <li>3. Basic Analog Electronics</li> <li>4. Basic Digital Electronics</li> <li>5. Basic Measuring Instruments</li> <li>6. Basic Computers</li> </ol>	<ol style="list-style-type: none"> <li>1. Radio, Audio, Video System and Appliances</li> <li>2. Inverters, UPS, Voltage stabilizers and Industrial Drives</li> <li>3. Repair &amp; Maintenance of Electronic Test Equipment</li> <li>4. Communication System Embedded System and PLC</li> </ol>
4.	Automobile	<ol style="list-style-type: none"> <li>1. Basic Fitting &amp; Measurement</li> <li>2. Basic Sheet Metal &amp; Welding</li> <li>3. Basic Electrical Electronics</li> <li>4. Basic Microprocessor &amp; Computer Operation</li> <li>5. Basic of Petrol &amp; Diesel Engine</li> <li>6. Basics of Transmission, System &amp; Breaks</li> </ol>	<ol style="list-style-type: none"> <li>1. Servicing &amp; Overhauling of Automobiles(Petrol)</li> <li>2. Servicing &amp; Overhauling of Automobiles(Diesel)</li> <li>3. Auto Electronics &amp; Air Conditioning in Automobiles</li> <li>4. Overhauling of Fuel Injection System &amp; Steering Mechanism</li> <li>5. Denting/Painting &amp; Welding of Automobiles</li> <li>6. Repair &amp; Maintenance of Wheel:Re-trading of Tyres &amp; Wheel Balancing</li> </ol>

1	2	3	4
5	IT Sector	1 Basic Electrical & Electronics 2 Basic Assembling and Maintenance of PC's 3 Basic Computer Networking 4 Basic Office Automation 5 Basic Internet and Multimedia 6 Basic Database Processing	1 Multimedia & Animation 2 Repair & Maintenance of Hardware of Computer & Peripheral 3 Computer Networking 4 Digital Videography 5 E - Accountancy & Office Management 6 Multi Media & Creative Designing 7 Information System Management
6	Hospitality Sector	1 Basic Food Production 2 Basic Food & Beverages Service (Steward) 3 Basic Front Office Service Operation 4 Basic accommodation operation/House Keeping 5 Basic Computer Application 6 Basic Hotel Maintenance	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	1 Domestic, Commercial Refrigeration & Air Conditioning 2 Central Air Conditioning Plant Industrial Cooling & Package 3 Cold Storage, Ice Plant & Ice-Candy Plant
9	Instrumentation	1 Basic Engineering Skill - I 2 Basic Engineering Skill - II 3 Basic Electricity & Electrical Instrumentation 4 Basic Electronics & Electronics Instrumentation 5 Basic Measurement & Measuring Instruments 6 Basic Computer Skill	1 Industrial Electronics & Instrumentation, 2 Analytical Instrumentation, 3 Process Control Instrumentation 4 Medical Instrumentation 5 Optical Instrumentation 6 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.	1 General Shoes Making 2 Sports Shoes Making & Sports Goods Making 3 Leather Garments Making 4 Travel Goods/Upholstery/Domestic Item Making

11	Chemical	<ol style="list-style-type: none"> <li>1 Fundamentals of Electronics and Computer</li> <li>2 Basic Fitting &amp; Measurements</li> <li>3 Basic Mechanical Processes</li> <li>4 Fundamental of General Chemistry and Physics</li> <li>5 Basic Instrumentation</li> <li>6 Basic Unit Operations &amp; Processes</li> </ol>	<ol style="list-style-type: none"> <li>1 Attendant Operator,</li> <li>2 Maintenance Mechanic</li> <li>3 Instrument Mechanic</li> <li>4 Lab Assistant</li> </ol>
12	Apparel	<ol style="list-style-type: none"> <li>1 Garment Technology</li> <li>2 Garment Sewing (Basic Sewing)</li> <li>3 Garment Sewing (Advanced Sewing)</li> <li>4 Pattern Making</li> <li>5 Computerized Pattern Making</li> <li>6 Quality Control Finishing &amp; Packing</li> </ol>	<ol style="list-style-type: none"> <li>1 Computer Aided Pattern Making</li> <li>2 Fashion Designing</li> <li>3 Shirts &amp; Trousers</li> </ol>
13	Fabrication	<ol style="list-style-type: none"> <li>1 Basic Fitting &amp; Measurement</li> <li>2 Basic Sheet Metal Work and Fastening</li> <li>3 Basic Machine Shop Practice (turning milling &amp; grinding).</li> <li>4 Basic Welding</li> <li>5 Metals &amp; Surface Finishing Techniques</li> <li>6 Basic Electrical Electronics &amp; Computer Skills</li> </ol>	<ol style="list-style-type: none"> <li>1 TIG/MIG WELDING</li> <li>2 Structural /Pressure Parts Fitting</li> <li>3 Structural Welding</li> <li>4 Pressure Vessel &amp; Pipe Welding</li> <li>5 Welding inspection &amp; testing</li> </ol>
14	Construction & Wood Working	<ol style="list-style-type: none"> <li>1 Basic Architecture</li> <li>2 Basic Building Construction</li> <li>3 Basic Carpentry</li> <li>4 Basic Plumbing</li> <li>5 Basic Electrical</li> <li>6 Basic5 Basic Electrical and Quality Surveying</li> </ol>	<ol style="list-style-type: none"> <li>1 Concrete Technology</li> <li>2 Modern Construction Techniques &amp; Management</li> <li>3 Wood Work in Construction</li> <li>4 Form work &amp; Bar Bending</li> </ol>
15	Food Processing	<ol style="list-style-type: none"> <li>1 Food Preservation</li> <li>2 Bakery Confectionary</li> <li>3 Milk &amp; Dairy Product</li> <li>4 Agro Processing</li> <li>5 Food Beverages</li> <li>6 Processed Food</li> </ol>	<ol style="list-style-type: none"> <li>1 Food and Vegetables Processing</li> <li>2 Cereal, Pulses and Oilseed Processing</li> <li>3 Food Beverage</li> <li>4 Milk and Milk Products</li> <li>5 Meat, Fish &amp; Poultry Processing</li> </ol>
16	Agriculture Machinery	<ol style="list-style-type: none"> <li>1 Basic Workshop Skill</li> <li>2 Electrical Wiring &amp; Electronics</li> <li>3 Tractor and Power Tillers</li> <li>4 Irrigation Machinery</li> <li>5 Crop Production Machinery</li> <li>6 Post Harvest Technology</li> </ol>	<ol style="list-style-type: none"> <li>1 Repair and Maintenance of Harvesting Machines</li> <li>2 Repair, Maintenance &amp; Overhauling of Tractors</li> <li>3 Repair, Maintenance of post Harvesting Machines/Processing Machines</li> <li>4 Operation repair and Maintenance of Crop Production Machinery.</li> </ol>

1	2	3	4
17	Process Plant Maintenance	<ol style="list-style-type: none"> <li>1 Basic Fitting</li> <li>2 Basic Turning Machining</li> <li>3 Basic Refrigeration &amp; Air-Conditioning</li> <li>4 Basic Instrumentation</li> <li>5 Basic Electrician, Electronic &amp; Computer</li> <li>6 Basic Laboratory Technique</li> </ol>	<ol style="list-style-type: none"> <li>1 Operator Chemical Plant</li> <li>2 Operation &amp; Maintenance of Boiler &amp; Steam Turbine</li> <li>3 Mechanical Maintenance of Processes Plant</li> <li>4 Processes Plant Mechanical Maintenance</li> <li>5 Repairing of Equipment</li> <li>6 Processes Plant Refrigeration &amp; Air Conditioning Maintenance</li> <li>7 Electrical Maintenance of Process Plant</li> <li>8 Electronic and Instrument Maintenance of Process Plant</li> <li>9 Fabrication and Designing of Steel Structure</li> </ol>
18	Bamboo Technology	<ol style="list-style-type: none"> <li>1 Basic Electrical &amp; Basic Computer Auto Cad</li> <li>2 Basic Course on Bamboo Processing</li> <li>3 Basic course of Bamboo Processing Machine</li> <li>4 Basic course on secondary Processing of Bamboo.</li> <li>5 Basic course of construction &amp; Furniture Making.</li> <li>6 Basic course on design Interpretation &amp; Bamboo Handicrafts Products.</li> </ol>	
19	Tourism	<ol style="list-style-type: none"> <li>1 Tourism Concept &amp; Impact.</li> <li>2 Tourism Product of India</li> <li>3 Geography for tourism</li> <li>4 Indian Society Culture &amp; History.</li> <li>5 Computer Application &amp; Tourism Industry</li> <li>6 English.</li> </ol>	<ol style="list-style-type: none"> <li>1 Eco - Tourism</li> <li>2 Tour &amp; Travel Management</li> <li>3 Hospitality Management</li> </ol>
20	Industrial Automation	<ol style="list-style-type: none"> <li>1 Workshop Practice</li> <li>2 Computer Application in Industrial Automation</li> <li>3 Electronics for Automation</li> <li>4 Electrical for Automation</li> <li>5 Process Instrumentation</li> <li>6 Pneumatics &amp; Hydraulics</li> </ol>	<ol style="list-style-type: none"> <li>1 Industrial Mechanical Maintenance</li> <li>2 Industrial Electrical Maintenance</li> <li>3 Industrial Electronics &amp; Control</li> </ol>



21	Textile Processing & Technology Sector	<ol style="list-style-type: none"><li>1 Basic Workshop Practices Fitting and Measurements</li><li>2 Basic Electrical Electronics &amp; Computer Operations</li><li>3 Basics of Spinning</li><li>4 Basic of Weaving</li><li>5 Basic of Bleaching &amp; Finishing</li><li>6 Chemistry of Dyeing</li></ol>	<ol style="list-style-type: none"><li>1 Advanced Spinning &amp; Weaving Technology</li><li>2 Advanced Bleaching Finishing &amp; Dying Technology</li><li>3 Repair &amp; Maintenance of Textile Machinery &amp; Equipment</li><li>4 Advanced Textile Technology</li><li>5 Technology of sizing Bleaching and Finishing</li><li>6 Technology of Dyeing</li><li>7 Technology of Printing</li><li>8 Computer Aided Textile Design &amp; Colour</li><li>9 Testing of Chemicals and Textiles</li></ol>
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**List of ITIs being upgraded into CoE under World Bank assisted  
Vocational Training Improvement Project (VTIP)**

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

Sr. No.	State and number of ITIs being upgraded		ITI wise relevant details	
			Name of ITI	Sector selected
1	2	3	4	5
1	Andhra Pradesh	2006-07	Visakhapatnam, Kancherlapalem Mett, Industrial Estate,	Automobile
			Vijayawada, Krishna District	Automobile
			Kothagudem, Khammam District	Automobile
			Sangareddy, Medak District	Automobile
			Kakinada Eastgodavari Distt	Production and Manufacturing
		2007-08	Tenali	Production & Manufacturing
			Bobbili	Production & Manufacturing
			Hyderabad (Old city)	Automobile
			Peddapally	Automobile
			Mancherla	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
			Hathnora	Production & Manufacturing
2	Bihar	2006-07	Muzaffarpur	Fabrication (Fitting & Welding)
			Bhagalpur	Construction
		2007-08	Darbhanga	Information Technology
			Gaya	Tourism
			Motihari	Agriculture Machinery
		2008-09	Katihar	Electrical
			Sitamarhi	Electrical
			Forbesganj	Fabrication
3	Chhattisgarh	2006-07	Koni Bilaspur	Instrumentation
			Bastar	Industrial Automation
			Kurud	Information Technology
			Ambikapur	Ref & Air Conditioning
		2007-08	Baloda Bazar, Distt. Raipur	Production & Manufacturing
			Dondi	Production & Manufacturing
			Rajnandgaon	Electrical
			Gaurella, Distt. Bilaspur	Electrical
			Bhillai (Durg) Women	Information Technology
4	Delhi	2006-07	Arab Ki Sarai	Production & Manufacturing
		2007-08	Sir CV Raman ITI, (Formerly Sabzi Mandi)	Electrical
		2008-09	Tilak Nagar (Jail Road)	Information Technology

5	Goa	2006-07	Margao	Information Technology
		2007-08	ITI Pernem	Fabrication
		2008-09	Canacona	Hospitality
			Honda	Automobile
			Farmagudi	Automobile
			Bicholim	Electrical
			Cacora	Automobile
6	Gujarat (29 ITIs)	2006-07 (15 ITIs)	Jamnagar	Chemical
			Pardi	Chemical
			Dashrath	Chemical
			Godhra	Electrical
			Amreli	Electrical
			Gondal	Electrical
			Bhavnagar	Automobile
			Palanpur	Automobile
			Modasa	Automobile
			Bhuj	Automobile
			Vadnagar	Automobile
			Junagadh	Electrical
			Palana	Production & Manufacturing
			Sarkhei	Instrumentation
			Visnagar	Fabrication(fitting & welding)
		2007-08 (14 ITIs)	Mehesana	Production & Manufacturing
			Surendra Nagar	Production & Manufacturing
			Patan	Automobile
			Himat Nagar	Automobile
			Dahod	Automobile
			Halol	Automobile
			Bhiloda	Automobile
			Vyara	Electrical
			Gandhidham	Electrical
			Limkheda	Fabrication
			Uttarsand	Ref & Air-conditioning
			Bhilad	Fabrication
			Vasad	Chemical
7	Haryana	2006-07	Rewari	Ref & Air Conditioning
			Sirsa	Automobile
			Hisar	Fabrication(Fitting & Welding)
			Nirwana	Fabrication(Fitting & Welding)
			Rohtak	Automobile
		2007-08	Jind	Electrical
			Gohana	Electrical
			Sonipat	Electrical
			Ambala	Information Technology
			Panipat	Process Plant Maintenance
			Palwal	Fabrication
		2008-09	Hansi	Fabrication
8	Himachal Pradesh	2006-07	Shamshi	Electrical
		2007-08	Shahpur	Fabrication
			Nadaun (Rail)	Fabrication
			Nahan	Fabrication
			Shimla	Information Technology

			Chamba	Electrical
			Mandi	Refrigeration & A.C
9	Jharkhand	2006-07	Dhanbad	Information Technology
		2008-09	Ranchi (Welfare)	Electrical
			Sahebganj	Electrical
10	Karnataka	2006-07	Bhadravathi	Production & Manufacturing
			Bellary	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	Refrigeration & Air-conditioning
			Bidar	Refrigeration & Air-conditioning
			Malavalli	Electrical
			Honnaveer	Automobile
		2008-09	Bangalore	Fabrication
			Chitradurga	Electronics
			Devarayasamudra	Fabrication
			Gowribidnur	Electronics
			Kanakpura	Production & Manufacturing
			Shimoga	Electrical
			Tiptur	Electronics
			Bagalkot	Electrical
			Gurmitkal	Electrical
			Kukanor	Fabrication
			Nanjangud	Fabrication
			Mandya	Electronics
			Puttur (W)	Electronics
			Nalathwad	Electronics
11	Kerala	2006-07	Pallickathodu, Kottayam	Hospitality
			Dhanuvachapuram	Production & Manufacturing
			Thiruvananthapuram	
			ITI (W) Kollam	Food processing
		2007-08	Malanpuzha	Electrical
		2008-09	Aryanad	Electrical
			Kalpetta	Hospitality Management
			Quilandy	Information Technology
12	Madhya Pradesh	2006-07	Gas ITI Bhopal	Ref & Air Conditioning
			Seoni	Automobile
			Jhabhua	Fabrication(fitting & welding)
			Shivpuri	Tourism
			Singroli	Process Plant maintenance
			Ratlam	Electrician
			Mandla	Construction & wood working
			Narmadanagar	Electrical
			Rampur	Electrical
			Shahdol	Electrical
			Satna	Automobile
			Sagar	Process Plant Maintenance
13	Maharashtra	2006-07	Jalna	Production & Manufacturing

Maharashtra. (contd..)	2007-08	Kolhapur	Production & Manufacturing
		Latur	Production & Manufacturing
		Gadchiroli	Construction & Wood working
		Chandrapur	Production & Manufacturing
		Chiplun	Chemical
		Ghodegaon Dist Pune	Production & Manufacturing
		Malegaon( B) Dist Pune	Industrial Automation
		Gondia	Electrical
		Ahmednagar	Electrical
		Satara	Fabrication
		Jalgaon	Plastic Processing
		Panvel	Production & Manufacturing
		Karad	Production & Manufacturing
		Sangli	Production & Manufacturing
		Vangaon	Production & Manufacturing
		Bhandara	Production & Manufacturing
		Manikdoh	Production & Manufacturing
		Kurla	Production & Manufacturing
		Rajura	Production & Manufacturing
		Buldhana	Automobile
		Wardha	Automobile
		Parbhani	Automobile
		Ratnagiri	Fabrication(Fitting & Welding)
		Nagothane	Chemical
	2008-09	Gandhingalja	Fabrication (Fitting & Welding)
		Akot	Fabrication (Fitting & Welding)
		Lonand	Production & Manufacturing
		Nanded	Fabrication
		Nandurbar	Automobile
		Washim	Automobile
		Pandharkawada	Textile Technology
		Dindori	Automobile
		Oras	Hospitality
		Solapur	Production & Manufacturing
		Beed	Production & Manufacturing
		Khamgaon	Production & Manufacturing
		Dhule	Production & Manufacturing
		Yayatmal	Automobile
		Osmanabad	Production & Manufacturing
		Akola	Production & Manufacturing
		Pulgaon	Production & Manufacturing
		Lonavala	Hospitality
		Wani	Automobile
		Kamleshwar	Fabrication
		Thane (W)	Electronics
		Phaltan	Fabrication
		Umred	Production & Manufacturing
		Indrapur	Fabrication
		Bhor	Production & Manufacturing
		Igatpuri	Production & Manufacturing
		Jawahar	Electrical
		Guhaghar	Electrical
		Bhusaaval	Electrical
		Walva	Automobile
		Hadgaon	Automobile
		Navapur	Fabrication
		Manwat	Fabrication

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

		2008-09	Cuddalore	Plastic Processing
			Coimbatore(W)	Information Technology
			Tuticorin	Fabrication (Fitting & Welding)
			Karaikudi	Fabrication (Fitting & Welding)
			Dharmapuri	Automobile
			Dharapuram	Production & Manufacturing
18	Uttrakhand	2006-07	Haridwar	Production & Manufacturing
19	Uttar Pradesh	2006-07	Bulandshahr	Ref & Air Conditioning
			Etawah	Ref & Air Conditioning
			Ghazabad	Production & Manufacturing
			Aligarh	Production & Manufacturing
			Lakhimpur kheri	Fabrication(fitting & welding)
			Mirzapur	Fabrication(fitting & welding)
			Jhansi	Electrical
		2007-08	Karaundi, Varanasi	Electrical
			Raebareli	Electrical
			Muzaffarnagar	Electrical
			Rampur	Electrical
			Moradabad	Production & Manufacturing
			Saharanpur	Construction & Wood Working
			Sultanpur	Fabrication(Fitting & Welding)
		2008-09	Balia	Electrical
			Basti	Electrical
20	West Bengal	2006-07	Haldia	Chemical
			Siliguri	Electrical
			Banipur	Information Technology
		2007-08	Purulia	Electrician
			Hooghly	Chemical
			Midnapore	Plastic Processing
			Howrah Homes	Construction & Wood Working
			Kalyani	Fabrication (Fitting & Welding)
		2008-09	Tung	Hospitality
			Coochbehar	Agriculture Machinery
21	J&K	2006-07	Baghi -Dilawar khan Srinagar	Automobile
			Canal Road Jammu	Automobile
		2007-08	AnantNag	Electrical
22	Assam	2006-07	Johrat	Plastic Technology
			Dibrugarh	Plastic Technology
			Kokrajhar	Cane & Bamboo crafts
			Guwahati	Construction & Wood working
		2007-08	Diphu	Food Processing
			Srikona	Fabrication
			Nagaon	Information Technology
23	Tripura	2007-08	Indranagar	Automobile
24	Andaman & Nicobar	2008-09	Dollygunj	Construction and Woodworking
25.	Nagaland	2008-09	Kohima	Automobile



**Upgradation of 100 ITIs into Centers of Excellence(CoE)**

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

Sr. No.	Name of Participating State and number of ITIs being upgraded	ITI wise relevant details	
		Name of ITI	Sector selected
1	2	4	5
1	Andhra Pradesh (5 ITIs)	Mallepally- Hyd	Production & Manufacturing
		ITI(New) Visakhapatnam	Production & Manufacturing
		Kadapa	Electrical
		Patancheru, Medak	Production & Fabrication
		Malugu Road Warangal	Electrical
2	Bihar (2 ITIs)	Dighaghat	Production & Manufacturing
		Nawada	Automobile
3	Chattisgarh (4 ITIs)	Bhilai Distt Durg	Fabrication
		Raigarh	Electrical
		Mana-Distt Raipur	Auto mobile
		Korba	Electrical
4	Delhi (1 ITI)	Pusa	Auto mobile
5	Goa (2 ITIs)	Panaji	Hospitality
		Peddem Mapusa	P & M
6	Gujarat (8 ITIs)	Kubernagar(Ahmedabad)	Production & Manufacturing
		Saraspur(Ahmedabad)	Apparel
		Tarsali Vadodara	Automobile
		Ankleswar	Chemical
		Bilimora	Chemical
		Rajkot	Production & Manufacturing
		Surat	Apparel
		Gandhinagar	Information Technology
7	Haryana (5 ITIs)	Gurgoan	Automobile
		Faridabad	Production & Manufacturing
		Karnal	Leather goods and Footwear

		Ambala	Instrumentation
		Yamuna Nagar	Production & Manufacturing
8	Himachal Pradesh (3 ITIs)	Rampur	Automobile
		Una	Automobile
		Solan	Electronics
9	Jharkhand (1 ITI)	Ranchi	Production & Manufacturing
10	Karnataka (6 ITIs)	Peenya, Bangalore-22	Production & Manufacturing
		Hosur Road, Bangalore-	Electrical
		Mysore-07	Automobile
		Hassan	Production & Manufacturing
		Hubli	Automobile
		Gulbarga	Electrical
11	Kerala (5 ITIs)	Kalamassery(Ernakulam Dist)	Automobile
		Chackai(Trivandrum Distt)	Automobile
		Chalakudy(Thrissur Distt)	Production & Manufacturing
		Kollam(Kollam Distt)	Automobile
		Ettumanoor(Kottayam Distt)	Production & Manufacturing
12	Madhya Pradesh (8 ITIs)	Indore	Automobile
		Bhopal	IT
		Jabalpur	Apparel
		Dewas	Production & Manufacturing
		Gwalior	Electronics
		Rewa	Construction
		Chhindwara	Food Processing
		Raghogarh	Agriculture machinery mechanic
13	Maharashtra (12 ITIs)	Mumbai-	Electronics
		Thane, Mumbai	IT
		Muland- Mumbai -88	Electrical
		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
		Aurangabad	Production & Manufacturing
		Nagpur	Automobile
14	Orissa	Cuttack	Production & Manufacturing

	(2 ITIs)	Rourkela	Production & Manufacturing
15	Punjab (8 ITIs)	Patiala	Ref &A/c
		Ludhiana	Production & Manufacturing
		Mohali(w)	Information Tech
		Hoshiarpur	Automobile
		Ropar	Electrical
		Bassi Pathana	Production & Manufacturing
		Rajpura	Fabrication(Fitting & Welding)
		Gurdaspur	Electronics
16	Rajasthan (5 ITIs)	Jodhpur	Production & Manufacturing
		Jaipur	IT
		Kota	Electrical
		Udaipur	Electronics
		Alwar	Automobile
17	Tamil Nadu (5 ITIs)	Ambattur	Automobile
		Hosur	Production & Manufacturing
		Coimbatore	Production & Manufacturing
		Tirchy	Production & Manufacturing
		Salem	Fabrication
18	Uttaranchal (3 ITIs)	Dehradun	Electrical
		Kashipur	Process Plant Maintenance
		Haldwani	Automobile
19	Uttar Pradesh (10 ITIs)	Noida	Information Tech
		Kanpur	Electronics
		Bareilly	Electrical
		Allahabad	Production & Manufacturing
		Gorakhpur	Automobile
		Baharaich	Automobile
		Agra	Electronics
		Lucknow	Automobile
		Meerut	Electrical
		Ghazipur	Electrical
20	West Bengal (3 ITIs)	Gariahat	Automobile
		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.		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	07-08
14.		ITI, Budaun	07-08
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.		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.		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	ITI(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, Bareilly	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

## Apparel

S No.	State	Name of ITI	Year
<b>2007-08</b>			
1.	Himachal Pradesh	ITI(W), Hamirpur	07-08
2.	Maharashtra	ITI, Shirpur	07-08
3.	Uttar Pradesh	ITI (W), Rampur	07-08
<b>2008-09</b>			
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, Raibareilly	08-09
9.	West Bengal	ITI, B&G, Kolkatta	08-09

**Information Technology**

S No.	State	Name of ITI	Year
<b>2007-08</b>			
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
<b>2008-09</b>			
5.	Uttar Pradesh	ITI (WB-W), Chaukaghat, Varanasi	08-09
6.		ITI (WB-W), Saket, Meerut	08-09
7.		ITI, Aliganj	08-09
8.	West Bengal	ITI (W), Silliguri	08-09
<b>2009-10</b>			
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
<b>2007-08</b>			
1.	Maharashtra	ITI, Yeola	07-08
2.		ITI, Badnapur	07-08
3.	West Bengal	ITI (W), Kolkota	07-08
<b>2008-09</b>			
4.	Uttar Pradesh	ITI, Civil Lines Bareilly	08-09
5.		ITI, Katara	08-09

### Automobile

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

### Food Processing

S No.	State	Name of ITI	Year
<b>2007-08</b>			
1.	West Bengal	ITI, Malda	07-08
2.		ITI, Raiganj	07-08

### Hospitality

S No.	State	Name of ITI	Year
<b>2008-09</b>			
1.	Maharashtra	ITI, Borivali	07-08
2.	Uttarakhand	ITI, Musoorie	07-08
3.	Maharashtra	ITI, Karjat	08-09
4.	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  
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New Delhi, dated the 22<sup>nd</sup> 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 )

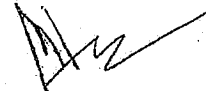
1. All Ministries of Government of India and their various Departments (with five spare copies) with a request to issue necessary instructions to all attached and subordinate officers in this regard.
2. Lok Sabha Secretariat.
3. Rajya Sabha Secretariat.
4. President's Secretariat.
5. Prime Minister's 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.
12. All State Governments and Union Territory Administrations for favour of issue of similar instructions at an early date.

  
(TARSEM LAL)

(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 Chennai.
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.

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):

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

Sl. No 1.	Name of the Sector 2.	Name of BBBT Module (one year duration) 3.	Name of Advanced Module approved by NVCT (6month duration) 4.
1.	Production & Manufacturing	<ol style="list-style-type: none"> <li>1. Basic Fitting &amp; Measurement</li> <li>2. Basic Sheet Metal Worker and Welding</li> <li>3. Basic Electrical &amp; Electronics &amp; Computer skill</li> <li>4. Basic Turning &amp; Grinding</li> <li>5. Basic Milling &amp; Gear Cutting (Dies and Moulds)</li> <li>6. Basic NC Programming a. &amp; Operation</li> </ol>	<ol style="list-style-type: none"> <li>1. CNC Machining</li> <li>2. CAD/CAM</li> <li>3. PLC &amp; Automation</li> <li>4. Quality Engineering</li> <li>5. Manufacturing of Jigs &amp; Fixtures</li> <li>6. Advance Welding</li> <li>7. Tool and Die Maker</li> </ol>
2.	Electrical	<ol style="list-style-type: none"> <li>1. Basic Engineering Skill</li> <li>2. Basic Electrical Engineering</li> <li>3. Basic Electronics</li> <li>4. Basic Electrical Wiring and Winding</li> <li>5. Basic Power Generation Transmission &amp; Distribution</li> <li>6. Basic Computer Operating Skill &amp; its Application</li> </ol>	<ol style="list-style-type: none"> <li>1. Repair &amp; Maintenance of Domestic Appliances</li> <li>2. Repair &amp; Maintenance of Instruments used in Electrical Engineering</li> <li>3. Operation &amp; Maintenance of equipments used in HT,LT,Substation &amp; Cable Jointing</li> <li>4. Repair &amp; Maintenance of Electrical Machine &amp; Power Supply</li> <li>5. Non-Conventional Power Generation, Battery and Inverter</li> </ol>
3.	Electronics	<ol style="list-style-type: none"> <li>1. Basic Fitting &amp; Soldering</li> <li>2. Basic Electrical &amp; Electronics</li> <li>3. Basic Analog Electronics</li> <li>4. Basic Digital Electronics</li> <li>5. Basic Measuring Instruments</li> <li>6. Basic Computers</li> </ol>	<ol style="list-style-type: none"> <li>1. Radio, Audio, Video System and Appliances</li> <li>2. Inverters, UPS, Voltage stabilizers and Industrial Drives</li> <li>3. Repair &amp; Maintenance of Electronic Test Equipment</li> <li>4. Communication System Embedded System and PLC</li> </ol>
4.	Automobile	<ol style="list-style-type: none"> <li>1. Basic Fitting &amp; Measurement</li> <li>2. Basic Sheet Metal &amp; Welding</li> <li>3. Basic Electrical Electronics</li> <li>4. Basic Microprocessor &amp; Computer Operation</li> <li>5. Basic of Petrol &amp; Diesel Engine</li> <li>6. Basics of Transmission, System &amp; Breaks</li> </ol>	<ol style="list-style-type: none"> <li>1. Servicing &amp; Overhauling of Automobiles(Petrol)</li> <li>2. Servicing &amp; Overhauling of Automobiles(Diesel)</li> <li>3. Auto Electronics &amp; Air Conditioning in Automobiles</li> <li>4. Overhauling of Fuel Injection System &amp; Steering Mechanism</li> <li>5. Denting/Painting &amp; Welding of Automobiles</li> <li>6. Repair &amp; Maintenance of Wheel:Re-trading of Tyres &amp; Wheel Balancing</li> </ol>

1	2	3	4
5	IT Sector	1 Basic Electrical & Electronics 2 Basic Assembling and Maintenance of PC's 3 Basic Computer Networking 4 Basic Office-Automation 5 Basic Internet and Multimedia 6 Basic Database Processing	1 Multimedia & Animation 2 Repair & Maintenance of Hardware of Computer & Peripheral 3 Computer Networking 4 Digital Videography 5 E - Accountancy & Office Management 6 Multi Media & Creative Designing 7 Information System Management
6	Hospitality Sector	1 Basic Food Production 2 Basic Food & Beverages Service (Steward) 3 Basic Front Office Service Operation 4 Basic accommodation operation/House Keeping 5 Basic Computer Application 6 Basic Hotel Maintenance	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	1 Domestic, Commercial Refrigeration & Air Conditioning 2 Central Air Conditioning Plant 3 Industrial Cooling & Package 4 Cold Storage, Ice Plant & Ice-Candy Plant
9	Instrumentation	1 Basic Engineering Skill - I 2 Basic Engineering Skill - II 3 Basic Electricity & Electrical Instrumentation 4 Basic Electronics & Electronics Instrumentation 5 Basic Measurement & Measuring Instruments 6 Basic Computer Skill	1 Industrial Electronics & Instrumentation, 2 Analytical Instrumentation, 3 Process Control Instrumentation 4 Medical Instrumentation 5 Optical Instrumentation 6 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	1 General Shoes Making 2 Sports Shoes Making & Sports Goods Making 3 Leather Garments Making 4 Travel Goods/Upholstery/Domestic Item Making

11	Chemical	<ol style="list-style-type: none"> <li>1 Fundamentals of Electronics and Computer</li> <li>2 Basic Fitting &amp; Measurements</li> <li>3 Basic Mechanical Processes</li> <li>4 Fundamental of General Chemistry and Physics.</li> <li>5 Basic Instrumentation</li> <li>6 Basic Unit Operations &amp; Processes</li> </ol>	<ol style="list-style-type: none"> <li>1 Attendant Operator,</li> <li>2 Maintenance Mechanic</li> <li>3 Instrument Mechanic</li> <li>4 Lab Assistant</li> </ol>
12	Apparel	<ol style="list-style-type: none"> <li>1 Garment Technology</li> <li>2 Garment Sewing (Basic Sewing)</li> <li>3 Garment Sewing (Advanced Sewing)</li> <li>4 Pattern Making</li> <li>5 Computerized Pattern Making</li> <li>6 Quality Control Finishing &amp; Packing</li> </ol>	<ol style="list-style-type: none"> <li>1 Computer Aided Pattern Making</li> <li>2 Fashion Designing</li> <li>3 Shirts &amp; Trousers</li> </ol>
13	Fabrication	<ol style="list-style-type: none"> <li>1 Basic Fitting &amp; Measurement</li> <li>2 Basic Sheet Metal Work and Fastening</li> <li>3 Basic Machine Shop Practice (turning milling &amp; grinding).</li> <li>4 Basic Welding</li> <li>5 Metals &amp; Surface Finishing Techniques</li> <li>6 Basic Electrical Electronics &amp; Computer Skills</li> </ol>	<ol style="list-style-type: none"> <li>1 TIG/MIG WELDING</li> <li>2 Structural /Pressure Parts Fitting</li> <li>3 Structural Welding</li> <li>4 Pressure Vessel &amp; Pipe Welding</li> <li>5 Welding inspection &amp; testing</li> </ol>
14	Construction & Wood Working	<ol style="list-style-type: none"> <li>1 Basic Architecture</li> <li>2 Basic Building Construction</li> <li>3 Basic Carpentry</li> <li>4 Basic Plumbing</li> <li>5 Basic Electrical</li> <li>6 Basic5 Basic Electrical and Quality Surveying</li> </ol>	<ol style="list-style-type: none"> <li>1 Concrete Technology</li> <li>2 Modern Construction Techniques &amp; Management</li> <li>3 Wood Work in Construction</li> <li>4 Form work &amp; Bar Bending</li> </ol>
15	Food Processing	<ol style="list-style-type: none"> <li>1 Food Preservation</li> <li>2 Bakery Confectionary</li> <li>3 Milk &amp; Dairy Product</li> <li>4 Agro Processing</li> <li>5 Food Beverages</li> <li>6 Processed Food</li> </ol>	<ol style="list-style-type: none"> <li>1 Food and Vegetables Processing</li> <li>2 Cereal, Pulses and Oilseed Processing</li> <li>3 Food Beverage</li> <li>4 Milk and Milk Products</li> <li>5 Meat, Fish &amp; Poultry Processing</li> </ol>
16	Agriculture Machinery	<ol style="list-style-type: none"> <li>1 Basic Workshop Skill</li> <li>2 Electrical Wiring &amp; Electronics</li> <li>3 Tractor and Power Tillers</li> <li>4 Irrigation Machinery</li> <li>5 Crop Production Machinery</li> <li>6 Post Harvest Technology</li> </ol>	<ol style="list-style-type: none"> <li>1 Repair and Maintenance of Harvesting Machines</li> <li>2 Repair, Maintenance &amp; Overhauling of Tractors</li> <li>3 Repair, Maintenance of post Harvesting Machines/Processing Machines</li> <li>4 Operation repair and Maintenance of Crop Production Machinery.</li> </ol>

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	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
18	Bamboo Technology	1 Basic Electrical & Basic Computer Auto Cad 2 Basic Course on Bamboo Processing 3 Basic course of Bamboo Processing Machine 4 Basic course on secondary Processing of Bamboo. 5 Basic course of construction & Furniture Making. 6 Basic course on design Interpretation & Bamboo Handicrafts Products.	
19	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
20	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	1 Industrial Mechanical Maintenance 2 Industrial Electrical Maintenance 3 Industrial Electronics & Control



21	Textile Processing & Technology Sector	<ol style="list-style-type: none"> <li>1 Basic Workshop Practices Fitting and Measurements</li> <li>2 Basic Electrical Electronics &amp; Computer Operations</li> <li>3 Basics of Spinning</li> <li>4 Basic of Weaving</li> <li>5 Basic of Bleaching &amp; Finishing</li> <li>6 Chemistry of Dyeing</li> </ol>	<ol style="list-style-type: none"> <li>1 Advanced Spinning &amp; Weaving Technology</li> <li>2 Advanced Bleaching Finishing &amp; Dying Technology</li> <li>3 Repair &amp; Maintenance of Textile Machinery &amp; Equipment</li> <li>4 Advanced Textile Technology</li> <li>5 Technology of sizing Bleaching and Finishing</li> <li>6 Technology of Dyeing</li> <li>7 Technology of Printing</li> <li>8 Computer Aided Textile Design &amp; Colour</li> <li>9 Testing of Chemicals and Textiles</li> </ol>
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Sl. No.  
Code No.

**EMBLEM**

**GOVERNMENT OF INDIA  
MINISTRY OF LABOUR & EMPLOYMENT**

**NATIONAL COUNCIL FOR VOCATIONAL TRAINING**

**NATIONAL TRADE CERTIFICATE**

Sh./Km./Smt. .... Son/ ..... Daughter/ ..... Wife of  
Shri.....having completed one year Broad Based Basic  
Training Course in the sector of ..... at ..... and  
passed the prescribed Trade Test held in ..... two thousand  
..... is awarded this Trade Certificate.

Secretary

State Council for Vocational Training

Secretary

National Council for Vocational Training

Period of Training From.....To.....

Sector

Basic Modules each of eight week duration

- 1
- 2
- 3
- 4
- 5
- 6

Generic Module

Date of birth as recorded in school certificate.

Address

Principal :

Date

SL No.  
Code No.

EMBLEM

GOVERNMENT OF INDIA  
MINISTRY OF LABOUR & EMPLOYMENT

NATIONAL COUNCIL FOR VOCATIONAL TRAINING

NATIONAL TRADE CERTIFICATE

Sh./Km./Smt. .... Son/ Daughter/ Wife of  
Shri..... having completed the six months Advanced  
Module of..... in the ..... Sector at..... (name  
of the institute) ..... and passed the prescribed Trade Test held in  
..... 20..... is awarded this National Trade  
Certificate.

Secretary

State Council for Vocational Training

Secretary

National Council for Vocational Training

In Back side :

Period of Training

From.....to.....

Date of birth as recorded in the school certificate.....

Address

Seal

Principal :

Date

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

**Dated 27<sup>th</sup> June, 2008**

To,

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

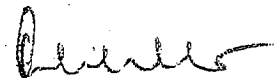
**Subject: Scheme for implementation of specialized module in ITIs upgraded as CoE - approval regarding**

**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 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 posted 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 at 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

This is to certify that Sh./Km./Smt. .... Son/  
 Daughter/ Wife of Shrl.....has successfully  
 completed six months Training Course In Specialized module " name of the module " in the  
 .....sector at (name of the Industry ) from .....to.....and  
 passed the prescribed Trade Test held in .....two thousand  
 .....

Secretary

Authorized Signature &  
 Seal of Industry Partner

State Council for Vocational Training

PS :

1. This certificate has the recognition of National Council for Vocational Training vide letter No DGE&T 19(2)/2007-CD dated 27<sup>th</sup> June 2008 .
2. Pre requisite qualifications for this certificate are National Trade Certificate /  
 National Trade Certificate of Broad Based Basic Training in .....Sector and  
 National Trade Certificate of Advanced Module in .....of.....Sector .





# भारत का राजपत्र

## The Gazette of India

असाधारण

EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (i)

PART II—Section 3—Sub-section (i)

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

सं. 401]

नई दिल्ली, बुधवार, जुलाई 21, 2010/आषाढ़ 30, 1932

No. 401]

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, शिक्षा अधिनियम, 1961 (1961 का 52) की धारा 37 की उपधारा (1) द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए केन्द्रीय शिक्षा परिषद् से परामर्श करने के पश्चात् शिक्षा नियम, 1992 का और संशोधन करने के लिए निम्नलिखित नियम बनाती है, अर्थात् :--

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

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

30.	उत्सारण मैकेनिक प्रचालक (प्लास्टिक)	8232.20	1: 3	दो वर्ष	उत्सारण प्रक्रिया में विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम केन्द्र के उन्नत मोड्यूल के अधीन प्लास्टिक प्रसंस्करण सैक्टर में व्यापकता पर आधारित बुनियादी प्रशिक्षण	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य ।
31.	अंतःक्षेपी संचन मशीन प्रचालक	8232.25	1: 3	दो वर्ष	अंतःक्षेपी संचन प्रक्रिया में विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम केन्द्र के उन्नत मोड्यूल के अधीन प्लास्टिक प्रसंस्करण सैक्टर में व्यापकता पर आधारित बुनियादी प्रशिक्षण	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य ।
32.	धमन संचन मशीन प्रचालक	8232.35	1: 3	दो वर्ष	धमन संचन प्रक्रिया में विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम केन्द्र के उन्नत मोड्यूल के अधीन प्लास्टिक प्रसंस्करण सैक्टर में व्यापकता पर आधारित बुनियादी प्रशिक्षण	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य ।
33.	गृह प्रबंधक (होटल)	5121.10	1: 5	दो वर्ष	विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम केन्द्र के उन्नत मोड्यूल के अधीन आवासन प्रचालन/गृह प्रबंधन में आतिथ्य सैक्टर में व्यापकता पर आधारित बुनियादी प्रशिक्षण	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य ।
34.	सहायक फ्रंट आफिस प्रबंधक	5121.25	1: 5	दो वर्ष	सहायक फ्रंट आफिस प्रबंधक विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम केन्द्र के उन्नत मोड्यूल के अधीन आतिथ्य सैक्टर में व्यापकता पर आधारित बुनियादी प्रशिक्षण	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य ।
35.	शिक्षु खाद्य उत्पादन (पाककला)	5122.20	1: 5	दो वर्ष	खाद्य उत्पादन (पाककला) में विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम केन्द्र के उन्नत मोड्यूल केन्द्र के अधीन आतिथ्य सैक्टर में व्यापकता पर आधारित बुनियादी प्रशिक्षण	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य ।
36.	शिक्षु खाद्य और सुपेय सेवा (स्टुवर्डशिप)	5123.20	1: 5	दो वर्ष	सुपेय सेवा (स्टुवर्डशिप) में विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम केन्द्र के उन्नत मोड्यूल केन्द्र के अधीन आतिथ्य सैक्टर में व्यापकता पर आधारित बुनियादी प्रशिक्षण	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य ।

37.	कंप्यूटर और पेरिफेरल हार्डवेयर मरम्मत और रखरखाव मैकेनिक	3114.10 5220.25	1: 4	दो वर्ष	कंप्यूटर और पेरिफेरल हार्डवेयर मरम्मत और रखरखाव में विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम के उन्नत मोड्यूल केन्द्र में व्यापकता पर आधारित बुनियादी प्रशिक्षण	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य ।
38.	कंप्यूटर नेटवर्क तकनीशियन	4122.10 4112.20 4113.35	1: 4	दो वर्ष	सूचना प्रौद्योगिकी सेक्टर में कंप्यूटर नेटवर्किंग में विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम के उन्नत मोड्यूल केन्द्र में व्यापकता पर आधारित बुनियादी प्रशिक्षण	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य ।
39.	मल्टीमीडिया और वेबपेज डिजाइनर	4113.30	1: 4	दो वर्ष	सूचना प्रौद्योगिकी सेक्टर में कंप्यूटर नेटवर्किंग में विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम के उन्नत मोड्यूल केन्द्र में व्यापकता पर आधारित बुनियादी प्रशिक्षण	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य ।
40.	प्रोसेस प्लांट प्रचालक	8152.10	1: 3	दो वर्ष	प्रोसेस प्लांट अनुरक्षण सेक्टर में प्रचालक रसायन प्लांट में विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम के उन्नत मोड्यूल केन्द्र में व्यापकता पर आधारित बुनियादी प्रशिक्षण	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य ।
41.	उपयोगिता प्रचालक	8161.30	1: 3	दो वर्ष	प्रोसेस प्लांट अनुरक्षण सेक्टर में बायलर और वाष्प टर्बाइन में विशिष्टता प्रचालक स्कीम केन्द्र और विशिष्टता स्कीम के उन्नत मोड्यूल केन्द्र में व्यापकता पर आधारित बुनियादी प्रशिक्षण	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य ।
42.	अनुरक्षण मैकेनिक	8159.30	1: 3	दो वर्ष	प्रोसेस प्लांट अनुरक्षण सेक्टर में प्रोसेस प्लांट के मैकेनिकल अनुरक्षण में विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम के उन्नत मोड्यूल केन्द्र में व्यापकता पर आधारित बुनियादी प्रशिक्षण ।	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य ।
43.	इलैक्ट्रिकल मैकेनिक	7241.20	1: 3	दो वर्ष	प्रोसेस प्लांट अनुरक्षण सेक्टर में प्रोसेस प्लांट के मैकेनिकल अनुरक्षण में विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम के उन्नत मोड्यूल केन्द्र में व्यापकता पर आधारित बुनियादी प्रशिक्षण	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य ।

44.	उपकरण नियंत्रक	7241.10	1:3	दो वर्ष	प्रोसेस प्लांट अनुसंधान सेक्टर में प्रोसेस प्लांट के इलेक्ट्रॉनिक और उपकरण अनुसंधान में विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम के उन्नत मॉड्यूल केन्द्र में व्यापकता पर आधारित बुनियादी प्रशिक्षण	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य।
45.	तकनीशियन फैब्रिकेटर	7212.30	1:3	दो वर्ष	प्रोसेस प्लांट अनुसंधान सेक्टर में इस्पात संरचना की फेब्रिकेशन और डिजाइनिंग में विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम के उन्नत मॉड्यूल केन्द्र में व्यापकता पर आधारित बुनियादी प्रशिक्षण।	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य।

[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.

2. 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:—

1.	2.	3.	4.	5.	6.	7.	8.
"28.	Mechanic (Non-conventional Power Generation, Battery and Inverter)	8282.10	1:5	Two years	Broad Based Basic Training in Electrical Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Non-conventional Power Generation, Battery and Inverter.	One year and six months	Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.

29.	Mechanic (Repair and Maintenance of instruments used in Electrical Engineering)	7241.10	1:5	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 instruments used in Electrical Engineering.	One year and six months	Passed class examination under 10+2 system of education or its equivalent. 10 <sup>th</sup>
30.	Extrusion Machine Operator (Plastic)	8232.20	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 Extrusion Process.	One year and six months	Passed class examination under 10+2 system of education or its equivalent. 10 <sup>th</sup>
31.	Injection Moulding Machine Operator	8232.25	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 Injection Moulding Process.	One year and six months	Passed class examination under 10+2 system of education or its equivalent. 10 <sup>th</sup>
32.	Blow Moulding Machine Operator	8232.35	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 class examination under 10+2 system of education or its equivalent. 10 <sup>th</sup>
33.	House Keeper (Hotel)	5121.10	1:5	Two years	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.	One year and six months	Passed class examination under 10+2 system of education or its equivalent. 10 <sup>th</sup>
34.	Assistant Front Office Manager	5121.25	1:5	Two years	Broad Based Basic Training in Hospitality Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Front Office Management.	One year and six months	Passed class examination under 10+2 system of education or its equivalent. 10 <sup>th</sup>

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35.	Apprentice Food Production (Cookery)	5122.20	1:5	Two years	Broad Based Basic Training in Hospitality Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Food Production (Cookery).	One year and six months	Passed class examination under 10+2 system of education or its equivalent. 10 <sup>th</sup>
36.	Apprentice Food and Beverage Service (Stewardship)	5123.20	1:5	Two years	Broad Based Basic Training in Hospitality Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Food and Beverage Service (Stewardship).	One year and six months	Passed class examination under 10+2 system of education or its equivalent. 10 <sup>th</sup>
37.	Computer and Peripherals Hardware Repair and Maintenance Mechanic	3114.10 5220.25	1:4	Two years	Broad Based Basic Training in Information Technology Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Repair and Maintenance of Hardware of Computer and Peripherals.	One year and six months	Passed class examination under 10+2 system of education or its equivalent. 10 <sup>th</sup>
38.	Computer Networking Technician	4122.10 4112.20 4113.35	1:4	Two years	Broad Based Basic Training in Information Technology Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Computer Networking.	One year and six months	Passed class examination under 10+2 system of education or its equivalent. 10 <sup>th</sup>
39.	Multimedia and Web Page Designer	4113.30	1:4	Two years	Broad Based Basic Training in Information Technology Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Multimedia and Web Page Designing.	One year and six months	Passed class examination under 10+2 system of education or its equivalent. 10 <sup>th</sup>
40.	Process Plant Operator	8152.10	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 Operator Chemical Plant.	One year and six months	Passed class examination under 10+2 system of education or its equivalent. 10 <sup>th</sup>

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.	One year and six months	Passed class examination under 10+2 system of education or its equivalent.	10 <sup>th</sup>
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 class examination under 10+2 system of education or its equivalent.	10 <sup>th</sup>
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 class examination under 10+2 system of education or its equivalent.	10 <sup>th</sup>
44.	Instrument Controller	7241.10	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 Electronic and Instrument Maintenance of Process Plant.	One year and six months	Passed class examination under 10+2 system of education or its equivalent.	10 <sup>th</sup>
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 class examination under 10+2 system of education or its equivalent.	10 <sup>th</sup>

[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 1<sup>st</sup> August, 1992 and last amended vide number G.S.R. 507(E), dated the 16<sup>th</sup> June 2010.



# भारत का राजपत्र The Gazette of India

असाधारण  
EXTRAORDINARY

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

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

सं. 488]

No. 488]

नई दिल्ली, बुधवार, नवम्बर 7, 2007/कार्तिक 16, 1929  
NEW DELHI, WEDNESDAY, NOVEMBER 7, 2007/KARTIKA 16, 1929

श्रम और रोजगार मंत्रालय

(रोजगार और प्रशिक्षण महानिदेशालय)

अधिसूचना

नई दिल्ली, 7 नवम्बर, 2007

सा.का.नि. 696(अ).—केन्द्रीय सरकार, शिक्षा अधिनियम, 1961 (1961 का 52) की धारा 37 की उप-धारा (1) द्वारा प्रदत्त शक्तियों 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 (सातवां संशोधन) नियम, 2007 है।

(2) ये राजपत्र में प्रकाशन की तारीख को प्रवृत्त होंगे।

2. शिक्षुता नियम, 1992 की अनुसूची 1 में समूह सं. 34 और उससे संबंधित प्रविष्टियों के पश्चात् निम्नलिखित अंतःस्थापित किया जाएगा, अर्थात् :-

1	2	3	4	5	6	7	8
“समूह सं. 35 विशिष्टता व्यवसाय समूह केन्द्र :							
1. मैकेनिक ऑटोमोबाइल (उन्नत पेट्रोल इंजन).	7233.22	1 : 2	दो वर्ष	ऑटोमोबाइल (पेट्रोल) की सर्विसिंग और ओवरहालिंग में विशिष्टता स्कीम केन्द्र और उन्नत मांड्यूल के अधीन ऑटो-मोबाइल सेक्टर में व्यापकता पर आधारित बुनियादी प्रशिक्षण	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य।	
2. मैकेनिक ऑटोमोबाइल (उन्नत डीजल इंजन)	7233.24	1 : 2	दो वर्ष	ऑटोमोबाइल (डीजल) की सर्विसिंग और ओवरहालिंग 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।	



1	2	3	4	5	6	7	8
					उन्नत मोड्यूल के अधीन ऑटो- मोबाइल सेक्टर में व्यापकता पर आधारित बुनियादी प्रशिक्षण		
3. मैकेनिक आटो इलैक्ट्रीकल	7242.10	1 : 2	दो वर्ष		आटो इलैक्ट्रीकल, ऑटो- इलैक्ट्रानिक्स और ऑटो- मोबाइल में वातानुकूलन की विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम केन्द्र के उन्नत 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 ।
4. मैकेनिक डेंटिंग, पेंटिंग और वेल्डिंग)	7142.20 7213.30	1 : 2	दो वर्ष		डेंटिंग, पेंटिंग और वेल्डिंग में विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम केन्द्र के उन्नत 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 उन्नत 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 उन्नत मोड्यूल के अधीन वेल्डिंग फेब्रि- केशन (फिटिंग और वेल्डिंग) में व्यापकता पर आधारित बुनियादी प्रशिक्षण	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य ।
8. रसायन प्रयोगशाला सहायक	3111.30	1 : 2	दो वर्ष		रसायन सैक्टर में विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम केन्द्र के उन्नत मोड्यूल के अधीन प्रयोगशाला सहायक में व्यापकता पर आधारित बुनियादी प्रशिक्षण	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य ।

1	2	3	4	5	6	7	8
9. उन्नत यांत्रिक	7311.10 7311.30 7241.10	1 : 2	दो वर्ष	रसायन सैक्टर में विशिष्टता 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	सीएडी/सीएएम 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।	
11. उन्नत वेल्डर	7212.10 7212.20 7212.30 7212.65 8231.35	1 : 2	दो वर्ष	उत्पादन और विनिर्माण सैक्टर में विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम केन्द्र के उन्नत मोड्यूल के अधीन उन्नत वैल्विंग 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 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।	
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 विशिष्टता	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.	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 उन्नत 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 ।
18.	मेकेनिक (विद्युत शक्ति युतियां)	7241.20 7242.10	1 : 2	दो वर्ष	इलैक्ट्रानिक परीक्षण उपस्कर की मरम्मत और रखरखाव में विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम केन्द्र के उन्नत 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 पीएलसी)	8211.90	1 : 2	दो वर्ष	एमबेडेड प्रणाली और पीएलसी में विशिष्टता 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 ।
20.	मेकेनिक पावर इलैक्ट्रानिक्स (इन्वर्टर, यूपीएस और ड्राइवर्स की रखरखाव)	7241.10 7242.10	1 : 2	दो वर्ष	इन्वर्टर यूपीएस, वोल्टेज स्टेबलाइजर और औद्योगिक ड्राइव्स 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 माड्यूल 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 ।
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 ।

1	2	3	4	5	6	7	8
					उन्नत मोड्यूल के अधीन प्रशीतन और वातानुकूलन सैक्टर में व्यापकता पर आधारित बुनियादी प्रशिक्षण		
23. मेकेनिक (केन्द्रीय वातानुकूलन संयंत्र, औद्योगिक शीतलन और पैकेज वातानुकूलन)	8281.25	1 : 2	दो वर्ष	मेकेनिक, (केन्द्रीय वातानुकूलन संयंत्र, औद्योगिक शीतलन और पैकेज वातानुकूलन) में विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम केन्द्र के उन्नत मोड्यूल के अधीन प्रशीतन और वातानुकूलन सैक्टर में व्यापकता पर आधारित बुनियादी प्रशिक्षण	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य।	
24. मेकेनिक (शीतगृह, बर्फ संयंत्र और बर्फ कैण्डी संयंत्र)	7413.50 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 के अधीन प्रशीतन और वातानुकूलन सैक्टर में व्यापकता पर आधारित बुनियादी प्रशिक्षण	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य।	
25. 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।	
26. फैशन 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	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य।	
27. शर्ट और पेंट मेकर	7433.25 7433.30	1 : 4	दो वर्ष	शर्ट और पेंट में विशिष्टता 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।	

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

शारदा प्रसाद, महानिदेशक/संयुक्त सचिव

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।

**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 :—

1	2	3	4	5	6	7	8
<b>“Group No. 35—Centre of Excellence Trades Group :</b>							
1.	Mechanic Automobile (Advance Petrol Engine)	7233.22	1:2	Two 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 (Petrol).	One year and six months	Passed 10th class examination under 10+2 system of educa- tion or its equivalent.
2.	Mechanic Automobile (Advance Diesel Engine)	7233.24	1:2	Two 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 year and six months	Passed 10th class examination under 10+2 system of educa- tion or its equivalent.
3.	Mechanic Auto Electronics	7242.10	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-condition- ing in Automobiles.	One year and six months	Passed 10th class examination under 10+2 system of educa- tion or its equivalent.
4.	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 educa- tion or its equivalent.
5.	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 educa- tion or its equivalent.
6.	Structural Welder	7212.10 7212.20 7212.30	1:3	Two years	Broad Based Basic Training in Fabrication (Fitting and Welding) Sector under Centre	One year and six months	Passed 10th class examination under 10+2 system of educa-

1	2	3	4	5	6	7	8
		7212.65 8231.35			of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Structural Welding.		tion or its equivalent.
7.	Welder (Pipe and Pressure Vessels)	7212.10 7212.20 7212.30 7212.65 8231.35	1:2	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 Pressure Vessels and Pipe Welding.	One year and six months	Passed 10th class examination 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 class examination 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 class examination under 10+2 system of education 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 class examination under 10+2 system of education 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.	One year and six months	Passed 10th class examination under 10+2 system of education or its equivalent.
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 class examination under 10+2 system of education or its equivalent.
13.	Quality Assurance Assistant	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 class examination under 10+2 system of education or its equivalent.

1	2	3	4	5	6	7	8
14.	CNC Programmer-cum-Operator	3121.20	1:3	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 year and six months	Passed 10th class examination under 10+2 system of education or its equivalent.
15.	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.	Mechanic Electrical Domestic (Appliances)	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.
19.	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.
20.	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	Two years	Broad Based Basic Training in Electronics Sector under Centre of Excellence Scheme	One year and six months	Passed 10th class examination under 10+2 system of education



# भारत का राजपत्र

## The Gazette of India

असाधारण

EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (i)

PART II—Section 3—Sub-section (i)

प्राधिकार से प्रकाशित

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श्रम और रोजगार मंत्रालय

(रोजगार और प्रशिक्षण महानिदेशालय)

अधिसूचना

नई दिल्ली, 7 सितम्बर, 2010

सा.का.नि. 734(अ).—केन्द्रीय सरकार, शिक्षा अधिनियम, 1961 (1961 का 52) की धारा 37 की उपधारा (1) द्वारा प्रदत्त शक्तियों 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 (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, अर्थात् :--

1.	2.	3.	4.	5.	6.	7.	8.
"6	पुष्पोत्पादक और भू-निर्माणकर्ता दृश्य	2213.20	1:5	एक वर्ष	पुष्पोत्पादक और भू-दृश्य निर्माण	छह मास	10 + 2 शिक्षा पद्धति के अधीन जीव विज्ञान के साथ 12वीं कक्षा उत्तीर्ण या इसके समतुल्य";



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

1.	2.	3.	4.	5.	6.	7.	8.
" 5	मैकेनिक संचार उपस्कर अनुरक्षण	7244.20	1:5	दो वर्ष	1. मैकेनिक संचार उपस्कर अनुरक्षण 2. मैकेनिक रेडियो और टेलीविजन 3. मैकेनिक सह-प्रचालक इलेक्ट्रोनिक संचार प्रणाली	एक वर्ष एक वर्ष एक वर्ष	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य।
6.	मैकेनिक रेडियो और टेलीविजन	7243.70	1:5	तीन वर्ष	मैकेनिक रेडियो और टेलीविजन	दो वर्ष	10 + 2 शिक्षा 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 चिकित्सा इलेक्ट्रॉनिक्स	7243.30	1: 5	तीन वर्ष	मैकेनिक चिकित्सा इलेक्ट्रॉनिक्स	दो वर्ष	10 + 2 शिक्षा पद्धति के अधीन गणित और विज्ञान के साथ 10वीं कक्षा उत्तीर्ण या इसके समतुल्य।
7.	मैकेनिक उपभोक्ता इलेक्ट्रॉनिक्स	7243.10	1: 5	तीन वर्ष	मैकेनिक उपभोक्ता इलेक्ट्रॉनिक्स	दो वर्ष	10 + 2 शिक्षा पद्धति के अधीन गणित और विज्ञान के साथ 10वीं कक्षा उत्तीर्ण या इसके समतुल्य।
8.	मैकेनिक मैकेट्रॉनिक्स	7243.10	1: 5	तीन वर्ष	मैकेनिक मैकेट्रॉनिक्स	दो वर्ष	10 + 2 शिक्षा पद्धति के अधीन भौतिक विज्ञान और रसायन विज्ञान और

1	2	3	4	5	6	7	8
							गणित के साथ 12वीं कक्षा उत्तीर्ण या इसके समतुल्य”;

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

1.	2.	3.	4.	5.	6.	7.	8.
“ 46	मैकेनिक रेडियो, दृश्य-श्रव्य प्रणाली साधित्र	7243.70 7243.90	1:3	दो वर्ष	रेडियो, दृश्य-श्रव्य प्रणाली और साधित्र में विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम केन्द्र के उन्नत मोड्यूल के अधीन इलेक्ट्रॉनिक्स सेक्टर में व्यापकता पर आधारित बुनियादी प्रशिक्षण	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य ।
47.	मैकेनिक, इलेक्ट्रॉनिक परीक्षण उपस्कर की मरम्मत और अनुरक्षण	7243.10	1:3	दो वर्ष	इलेक्ट्रॉनिक्स परीक्षण उपस्कर की मरम्मत और रखरखाव में विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम केन्द्र के उन्नत मोड्यूल के अधीन इलेक्ट्रॉनिक्स सेक्टर में व्यापकता पर आधारित बुनियादी प्रशिक्षण	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य ।
48.	मैकेनिक आटोमोबाइल इलेक्ट्रॉनिक्स	7231.10	1:3	दो वर्ष	आटोमोबाइल इलेक्ट्रॉनिक्स में इलेक्ट्रॉनिक्स की स्कीम में विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम केन्द्र के उन्नत मोड्यूल के अधीन इलेक्ट्रॉनिक्स सेक्टर में व्यापकता पर आधारित बुनियादी प्रशिक्षण	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य ।
49.	मैकेनिक यांत्रिक अनुरक्षण (औद्योगिक आटोमोशन )	7233.38	1:3	दो वर्ष	आटोमोशन के लिए मैकेनिक यांत्रिक अनुरक्षण की स्कीम में विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम केन्द्र के उन्नत मोड्यूल के अधीन औद्योगिक आटोमोशन सेक्टर में व्यापकता पर आधारित बुनियादी प्रशिक्षण	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य ।
50.	मैकेनिक वैद्युत अनुरक्षण (औद्योगिक आटोमोशन )	7241.70	1:3	दो वर्ष	आटोमोशन के लिए वैद्युत रखरखाव की स्कीम में विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम केन्द्र के उन्नत मोड्यूल के अधीन औद्योगिक आटोमोशन सेक्टर में व्यापकता पर आधारित बुनियादी प्रशिक्षण	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य ।

1	2	3	4	5	6	7	8
51.	पीएलसी प्रचालक	7233.38	1:3	दो वर्ष	आटोमोशन और पीएलसी की स्कीम में विशिष्टता स्कीम केन्द्र और विशिष्टता स्कीम केन्द्र के उन्नत मॉड्यूल के अधीन औद्योगिक आटोमोशन सेक्टर में व्यापकता पर आधारित बुनियादी प्रशिक्षण	एक वर्ष और छह मास	10 + 2 शिक्षा पद्धति के अधीन 10वीं कक्षा उत्तीर्ण या इसके समतुल्य”;

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

1.	2.	3.	4.	5.	6.	7.	8.
समूह सं. 36- आतिथ्य व्यापार समूह:							
“1.	पर्यटक परिदर्शक	5113.20	1:7	एक वर्ष	पर्यटक परिदर्शक	छह मास	10 + 2 शिक्षा पद्धति के अधीन 12वीं कक्षा उत्तीर्ण या इसके समतुल्य ।
2.	वार्धक्य परिचारक	5131.20	1:5	एक वर्ष	वार्धक्य देखभाल	छह मास	10 + 2 शिक्षा पद्धति के अधीन 8वीं कक्षा उत्तीर्ण या इसके समतुल्य ।

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

1.	2.	3.	4.	5.	6.	7.	8.
“ समूह सं. 37- कार्यालय प्रबंध व्यापार समूह:							
1.	सचिवालयिक सहायक	4115.10	1:5	एक वर्ष और छह मास	1. आशुलिपी (अंग्रेजी ) 2. सचिवालयिक व्यवसाय	एक वर्ष एक वर्ष	10 + 2 शिक्षा पद्धति के अधीन 12वीं कक्षा उत्तीर्ण या इसके समतुल्य ।

1	2	3	4	5	6	7	8
2..	आशुलिपिक (अंग्रेजी)	4111.10	1:5	एक वर्ष और छह मास	आशुलिपी (अंग्रेजी)	एक वर्ष	10 + 2 शिक्षा पद्धति के अधीन 12वीं कक्षा उत्तीर्ण या इसके 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. (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.
2. In the Apprenticeship Rules, 1992, in the Schedule I, —
  - (i) under Group No. 20, after serial number 5 and the entries relating thereto, the following shall be inserted, namely:—

1	2	3	4	5	6	7	8
"6.	Florist and Landscaper	2213.20	1:5	One year	Florist and Landscaping	Six months	Passed class examination under 10+2 system of education with Biology or its equivalent.";

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

1.	2.	3.	4.	5.	6.	7.	8.
"5.	Mechanic Communication Equipment Maintenance	7244.20	1:5	Two years	1. Mechanic Communication Equipment Maintenance 2. Mechanic Radio and T.V. 3. Mechanic cum Operator Electronic Communication System	One year  One year  One year	Passed class examination under 10+2 system of education or its equivalent.

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1	2	3	4	5	6	7	8
6.	Mechanic Radio and T.V.	7243.70	1:5	Three years	Mechanic Radio and T.V.	Two year	Passed 10 <sup>th</sup> 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:-

1.	2.	3.	4.	5.	6.	7.	8.
“6.	Mechanic Medical Electronics	7243.30	1:5	Three years	Mechanic Electronics Medical	Two years	Passed 10 <sup>th</sup> class examination under 10+2 system of education with Mathematics and Science or its equivalent.
7.	Mechanic Consumer Electronics	7243.10	1:5	Three years	Mechanic Electronics Consumer	Two year	Passed 10 <sup>th</sup> class examination under 10+2 system of education with Mathematics and Science or its equivalent.
8.	Mechanic Mechatronics	7243.10	1:5	Three years	Mechanic Mechatronics	Two years	Passed 12 <sup>th</sup> class examination under 10+2 system of education with Physics, Chemistry and Mathematics or its 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.	7.	8.
“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 <sup>th</sup> class examination under 10+2 system of education or its equivalent.

1	2	3	4	5	6	7	8
47.	Mechanic Repair and Maintenance of Electronics Test Equipment	7243.10	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 Repair and Maintenance of Electronics Test Equipment	One year and six months	Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.
48.	Mechanic Automobile Electronics	7231.10	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 Automobile Electronics	One year and six months	Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.
49.	Mechanic Mechanical Maintenance (Industrial Automation)	7233.38	1:3	Two years	Broad Based Basic Training in Industrial Automation Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Mechanical Maintenance for Automation	One year and six months	Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.
50.	Mechanic Electrical Maintenance (Industrial Automation)	7241.70	1:3	Two years	Broad Based Basic Training in Industrial Automation Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Electrical Maintenance for Automation	One year and six months	Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent.
51.	PLC Operator	7233.38	1:3	Two years	Broad Based Basic Training in Industrial Automation Sector under Centre of Excellence Scheme and Advanced module of Centre of Excellence Scheme in Automation and PLC	One year and six months	Passed 10 <sup>th</sup> class examination under 10+2 system of education or its equivalent";

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

1.	2.	3.	4.	5.	6.	7.	8.
<b>"Group No. 36-Hospitality Trades Group:</b>							
1.	Tourist Guide	5113.20	1:7	One year	Tourist Guide	Six months	Passed 12 <sup>th</sup> class examination under 10+2 system of education or its equivalent.

1	2	3	4	5	6	7	8
2.	Old Age Care Taker	5131.20	1:5	One year	Old Age Care	Six months	Pass 8 <sup>th</sup> class examination from recognized school or its equivalent."

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

1.	2.	3.	4.	5.	6.	7.	8.
<b>"Group No. 37-Office Management Trades Group:</b>							
1.	Secretarial Assistant	4115.10	1:5	One year and six months	1. Stenography (English) 2. Secretarial Practice	One year One year	Passed 12 <sup>th</sup> class examination 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 <sup>th</sup> 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.

