

28.1 Background

Development of human resource is crucial for the industrial development of any nation. Upgradation of skills is an important component of Human Resource Development. Training imparted in Institutions alone is not sufficient for acquisition of skills and needs to be supplemented by training in the actual work place.

28.2 Objectives

- ◆ Apprentices Act, 1961 was enacted with the following objectives: -
- ◆ To regulate the programme of training of apprentices in the industry so as to conform to the prescribed syllabi, period of training, etc. as laid down by the Central Apprenticeship Council; and
- ◆ To utilize fully the facilities available in industry for imparting practical training with a view to meeting the requirements of skilled manpower for industry.

28.3 Implementation of the Act

- ◆ DGE&T is responsible for implementation of the Act in respect of Trade Apprentices in the Central Government Undertakings and Departments. It is done through six Regional Directorates of Apprenticeship Training located at Kolkata, Mumbai, Chennai, Hyderabad, Kanpur and Faridabad.
- ◆ State Apprenticeship Advisers are responsible for implementation of the Act in respect of Trade Apprentices in State Government Undertakings/ Departments and Private Establishments.
- ◆ Department of Secondary and Higher

Education in the Ministry of Human Resource Development is responsible for implementation of the Act in respect of Graduate, Technician & Technician (Vocational) Apprentices. This is done through four Boards of Apprenticeship Training located at Kanpur, Kolkata, Mumbai & Chennai.

28.4 Central Apprenticeship Council

It is an apex statutory tripartite body to advise the Government on laying down of policies and prescribing norms & standards in respect of Apprenticeship Training Scheme. It is tripartite by constitution with members from Govt. both Central and State/UTs, Employers & Trade Unions.

28.5 Categories_of_Apprentices

There are four categories:

- ◆ Trade Apprentices
- ◆ Graduate Apprentices
- ◆ Technician Apprentices
- ◆ Technician (Vocational) Apprentices

28.6 Coverage

- ◆ It is obligatory on the part of employers both in Public and Private Sector establishments having requisite training infrastructure as laid down in the Act, to engage apprentices.
- ◆ 254 groups of industries are covered under the Act.
- ◆ About 23,900 establishments engage apprentices.

28.7 Stipend

- ◆ Trade apprentices are paid stipend at following rates: Rs. 1090 p.m for 1st year, Rs. 1240 p.m. for 2nd year, Rs. 1440 p.m. for 3rd year and Rs. 1620 p.m for 4th year.(with effect from 21st March 2007)
- ◆ The expenditure on stipend for trade apprentices is borne by the employers.
- ◆ The rates of stipend for Graduate, Technician & Technician (Vocational) apprentices are Rs. 2600 p.m, Rs. 1850 p.m. and Rs. 1440 p.m. respectively.(with effect from 8th January 2008)
- ◆ Expenditure on stipend for the categories of Graduate, Technician & Technician (Vocational) apprentices is shared equally between the employers and the Central Government.
- ◆ Rates of stipend are revised every two years based on Consumer Price Index.

28.8 Training of Trade Apprentices

- ◆ 188 trades in 35 trade groups have been designated.
- ◆ Qualifications vary from Class VIII pass to XII class pass (10+2) system.
- ◆ Minimum age is 14 years.
- ◆ Period of training varies from 6 months to 4 years.
- ◆ List of trades is given in **Annexure – I**
- ◆ Training comprises Basic Training, Practical Training and Related Instructions as per prescribed syllabus for each trade.
- ◆ Basic Training & Related Instructions are conducted in Basic Training Centres (BTCs) or Related Instruction Centres (RICs) set up within the establishments or in a BTC or RIC set up by the Government.

- ◆ Seats for trade apprentices are located by the Apprenticeship Adviser on the basis of prescribed ratio of Apprentices to Workers and availability of training facilities
- ◆ Every apprentice and employer has to enter into a contract of apprenticeship training, which is registered by the Apprenticeship Advisers.
- ◆ Employers and apprentices have to fulfill their obligations under the Act.

28.9 Testing And Certification of Trade Apprentices

- ◆ All India Trade Tests (AITT) for trade apprentices are conducted by National Council of Vocational Training (NCVT) twice a year (October/ November and April/May).
- ◆ National Apprenticeship Certificates (NAC) are awarded to those who pass the AITT.
- ◆ NAC is recognized for employment under Govt./Semi-Government departments/ organizations.

28.10 Skill Competition of Trade Apprentices

- ◆ With a view to fostering healthy competition among apprentices as well as establishments, skill competition is organized at local, regional & All India levels.
- ◆ Skill competition is held for 15 trades namely; Fitter, Machinist, Turner, Welder (Gas & Electric), Electrician, Mechanic (Motor Vehicle), Tool & Die Maker (Die & Moulds), Tool and Die Maker(Press Tool, Jigs & Fixture), Instrument Mechanic, Draughtsman (Mechanical), Mechanic Machine Tool Maintenance, Wireman, Mechanic(Diesel), Refrigeration & Air-Conditioning Mechanic and Electronics Mechanic.

28.11 Training of Graduate, Technician & Technician (Vocational) Apprentices

- ◆ 114 subject fields have been designated for the category of Graduate & Technician apprentices. List is given at **Annexure-II**
- ◆ 102 subject fields have been designated for the category of Technician (Vocational) apprentices. List is given at **Annexure-III**
- ◆ Period of post qualification training for these categories is one year.
- ◆ Seats are located based on managerial/supervisory posts and training facilities.
- ◆ Training programme is prepared in joint consultation between Apprenticeship Adviser & Establishment concerned.
- ◆ Certificates are awarded on completion of training by the Department of Education, Ministry of Human Resource Development.

28.12 Training Statistics of Trade Apprentices

As on 30.09.2008, 1,97,994 training seats for the trade apprentices in 188 trades have been utilized against 2,74,741 seats identified in 23,900 establishments covered under the Act. Out of 1,97,994 seats utilized, the utilization of various categories was: 25,015 for Scheduled Castes, 9,490 for Scheduled Tribes, 10,514 for Minorities, 1088 for Physically handicapped and 7,733 for Women. Details are given in **Annexure-IV, IVA, IVB**.

28.13 Training Statistics of Graduate, Technician & Technician (Vocational) Apprentices

- ◆ As on 30.09.2008 in total 39,093 training seats for the apprenticeship training have been utilized against 96,747 seats identified for these categories. Out of 39,093 seats utilized, the utilization for various categories was: 3,763 for Scheduled Castes, 456 for Scheduled Tribes, 2,563 for Minorities, 124 for

Physically handicapped and 7,953 for Women. Details are given in **Annexure – V, VA, VB, VC**.

28.14 Major Activities Undertaken during 2008-09

- ◆ All the implementing authorities have been informed to select and introduce trades in consultation with the establishments in night shifts in manufacturing industries with all night amenities.
- ◆ ‘Mechanic –cum-Operator Electronics Communication System’ trade has been designated for trade apprentices vide GSR 511(E) dated 8th July 2008.
- ◆ Rebates in the period of apprenticeship training have been provided in the certain trades of State Council for Vocational Training, Government of National Capital Territory of Delhi vide GSR 594(E) dated 14th August 2008.
- ◆ Instructions have been issued to all State Apprenticeship Advisers and Regional Directors to permit the workers to appear as private candidates in All India Trade Test for Apprentices.
- ◆ 32nd meeting of Central Apprenticeship Council was convened on 15.02.2009.

28.15 Future Plans

The following amendments in the Apprentices Act, 1961 are proposed:

- ◆ Change in the definition of “Worker” under the Apprentices Act, 1961.
- ◆ Implementation of apprenticeship training scheme in those organizations which are operating same business/trade from different locations situated in more than one State, will rest with Central Government.

- ♦ A fine equal to the amount of stipend payable for unutilized seats per month will be imposed on the employer till the seat is filled up.
- ♦ Reserving direct recruitment posts for trained apprentices who have been trained under the Apprentices Act, 1961 in the same establishment.

- ♦ Sharing the amount of stipend equally with the establishments by the Central Government.
- ♦ Designation of 60 trades for the trades apprentices under the Apprentices Act, 1961

Enhancement of 10-20% of existing seats located/ utilized for trade apprentices.

Annexure-I

List of designated trades under the Apprentices Act, 1961

Trades having entry qualification Class VIIIth Pass

Name of Trades				Period of Training
1	Lineman	2	Wireman	3 years
3	Furniture & Cabinet Maker	4	Plumber	
5	Mechanic (Marine Diesel)	6	Tractor Mechanic	
7	Pattern Maker	8	Painter General	
9	Driver-cum-Fitter			
10	Mason (Building Constructor)	11	Sports Good Maker (Wood)	2 years
12	Auto Mechanic (Two Wheeler/ Three Wheeler)	13	Book Binder	
14	Tailor (General)	15	Leather Goods Maker	
16	Footwear Maker	17	Finished Leather Maker	
18	Upholsterer	19	Rigger	
20	Gas Cutter	21	Ceramic Moulder	
22	Ceramic Caster	23	Ceramic Kiln Operator	
24	Ceramic Press Operator	25	Ceramic Decorator	
26	Moulder (Refractory)	27	Painter Marine	
28	Tailor (Men)	29	Tailor (Women)	
30	Jewellery and Precious Metal Worker	31	Glass Former and Processor	1 year
32.	Gardener			
33	Weaver	34	Doffer-cum-Piecer	6 months
35	Tenter (Drawing Speed/ Fly Frames)	36	Winder (Textile)	
37	Printing Textile	38	Barber/Hair Cutter/Dresser	
39	Tyre Repairer	40	Pruner Tea Gardens	

Trades having entry qualification Class Xth Pass				4 years
41	Electrician Aircraft	42	Tool & Die Maker (Die & Mould)	
43	Tool & Die Maker (Press Tools, Jigs & Fixture)	44	Mechanic (Earth Moving Machinery)	
45	Mechanic (Instrument Aircraft)	46	Power Electrician	
47	Plastic Mould Maker	48	Mechanic Radio and Radar Aircraft	
49	Operator Cum Mechanic (Power Plant)			
Trades having entry qualification Class Xth Pass				3 years
50	Fitter	51	Turner	
52	Machinist	53	Machinist (Grinder)	
54	Foundryman	55	Forger & Heat Treater	
56	Sheet Metal Worker	57	Electrician	
58	Mechanic Machine Tool Maintenance	59	Mechanic Maintenance (Textile Machinery)	
60	Shipwright (Steel)	61	Mechanic (Dairy Maintenance)	
62	Mechanic Maintenance (Chemical Plant)	63	Material Handling Equipment-Cum-Operator	
64	Instrument Mechanic	65	Mechanic Watch and Clock	
66	Mechanic Diesel	67	Mechanic (Motor Vehicle)	
68	Refrigeration and Air Conditioning Mechanic	69	Construction Machinery Mechanic-Cum-Operator	
70.	Draughtsman (Civil)	71	Draughtsman(Mechanical)	
72.	Surveyor	73	Fitter Structural	
74	Boiler Attendant	75	Mechanic Mining Machinery	
76.	Switch Board Attendant	77	Line Operator	
78	Mono Keyboard Operator	79	Process Cameraman	
80	Retoucher Lithographic	81	Engraver	
82	Offset Machine Minder	83	Optical Worker	
84	Sirdar (Colliery)	85	Mate (Mines)	
86	*Attendant Operator (Chemical Plant)	87	*Instrument Mechanic (Chemical Plant)	
88	*Laboratory Assistant (Chemical Plant)	89	Mechanic (Agriculture Machinery)	
90	Maintenance Mechanic for Leather Machinery	91	Insulator Maker/ Machine Operator (Ceramic)	
92	Pipe Fitter	93	Shipwright (Wood)	
94	Electronics Mechanic	95	Brick Layer (Refractory)	
96	Apprentices Food Production (General)	97	Steam Turbine Cum Auxiliary Plant Operator	
98	Winder (Armature)	99	Cable Jointer	
100.	Electrician (Mines)	101	Electroplater	

102.	Carpenter	103	Mechanic Television (Video)	
104	Attendant Operator (Dairy)	105	Information Technology & Electronic System Maintenance	
106	Mechanic –cum-Operator Electronics Communication System			

* Persons possessing B.Sc. qualification can undergo Apprenticeship Training with duration of 1½ year in these trades.

Trades having entry qualification Class Xth Pass

107	Welder (Gas & Electric)	108	Motor Vehicle Body Builder	2 years
109	Auto Electrician	110	Mono Castor Operator	
111	Plate Maker (Lithographic)	112	Shortfirer/Blaster (Mines)	
113	Steward	114	Baker and Confectionery	
115	Hotel Clerk/Receptionist/ Front Office Assistant	116	Apprentice Food Production (Vegetarian)	
117	Fibre Reinforced Plastic Processor	118	Plastic Process Operator	
119	Designer and Master Cutter	120	Dress Maker	
121	Embroidery and Needle Worker	122	Horticulture Assistant	
123	Stockman (Dairy)	124	Pump Operator Cum Mechanic	
125	Sports Goods Maker (Leather)	126	Photographer	
127	Beautician	128	Steel Melting Hand	
129	Crane Operator (Overhead Steel Industry)	130	Furnace Operator (Steel Industry)	
131	Hair Dresser	132	Health and Slimming Assistant	
133	Hair and Skin Carer	134	Enamel Glazer	
135	Fruit And Vegetable Processor	136	Operator (Steel Plant)	2 years
137	Mechanic Automobile (Advance Petrol Engine)	138	Mechanic Automobile (Advance Diesel Engine)	
139	Mechanic Auto Electronics	140	Mechanic (Denting, Painting and Welding)	
141	TIG/MIG Welder	142	Structural Welder	
143	Welder (Pipe and Pressure Vessels)	144	Chemical Laboratory Assistant	
145	Advance Mechanic (Instruments)	146	CAD-CAM Operator-cum-Programmer	
147	Advance Welder	148	Jigs and Fixtures Maker	
149	Quality Assurance Assistant	150	CNC Programmer cum Operator	
151	Operator PLC System	152	Mechanic (Electrical Domestic Appliances)	

153	Mechanic (HT, LT Equipments and Cable Jointing)	154	Mechanic (Electrical Power Drives)		
155	Mechanic (Embedded Systems and PLC)	156	Mechanic Power Electronics (Inverters UPS & Maintenance of Drives)		
157	Mechanic (DTH and other Communication System)	158	Mechanic (Domestic, Commercial Refrigeration and Air Conditioning Machines)		
159	Mechanic (Central Air conditioning Plant, Industrial cooling and Package Air conditioning)	160	Mechanic (Cold storage, Ice plant and Ice candy plant)		
161	Computer Aided Pattern Maker	162	Fashion Designing Assistant		
163	Shirts and Trousers Maker				
164	House Keeper	165	Knitter (Hosiery)		1 ½ years
166	Mechanic Sewing Machine	167	Senior Sales Person (Retail)		1 year
168	Battery Repairer	169	Lacquering and Powder Coating Operator		
170	Wood Handicrafts Worker				
171	Creel Boy-Cum-Warper	172	Screen Printing	6 months	
173	Beautician Assistant	174	Cable Television Operator		
175	** Call Centre Assistant	176	Sales Person (Retail)		
Trades having entry qualification Class XIIth Pass					
177	Operator Advanced Machine Tool Maintenance	178	Mechanic Advanced Machine Tool Maintenance	3 years	
179	Mechanic Industrial Electronics				
180	Data Preparation and Computer Software	181	Desk Top Publishing Operator	2 years	
182	Operator Cum Mechanic Pollution Control Equipment	183	Mechanic Medical Equipment for Hospitals and Occupational Health Centre		
184.	Medical Laboratory Technician (Pathology)	185	Medical Laboratory Technician (Radiology)	6 months	
186.	Medical Laboratory Technician (Cardiology and Physiology)				
Trades having entry qualification B.Sc. Pass					
187.	Advanced Attendant Operator (Process)			1 ½ years	
Trades having entry qualification National Trade Certificate in “Computer Operator And Programming Assistant” issued by National Council for Vocational Training					
188.	Programming And Systems Administration Assistant			1 year	

** Persons possessing National Trade Certificate issued by NCVT in the trades of Electronics Mechanic, Electrician, Mechanic cum Operator Electronics Communication system, Computer Operator and Programming Assistant, Information Technology and Electronics System Maintenance, Radio and Television, Instrument Mechanic can undergo Apprenticeship Training.

Annexure-II

**Subject fields in Engineering and Technology designated for
Graduate/ Technician Apprentices**

1. Civil Engineering	2. Public Health Engineering
3. Structural Engineering	4. Highway Engineering
5. Construction Technology	6. Mechanical Engineering
7. Refrigeration and Air Conditioning	8. Machine Tool Technology
9. Production Engineering	10. Automobile Engineering
11. Electrical Engineering	12. Electronics and Telecommunication Engineering
13. Computer Engineering	14. Television Engineering
15. Industrial Electronics	16. Radio & Electronics Engg
17. Nuclear Engineering	18. Avionics
19. Metallurgy	20. Textile Engineering
21. Agricultural Engineering	22. Chemical Engineering
23. Sugar Technology	24. Marine Engineering
25. Nautical Engineering	26. Aeronautical Engineering
27. Mining	28. Plastic Technology
29. Textile Chemistry	30. Naval Architecture
31. Architecture	32. Regional & Town Planning
33. Textile Technology	34. Glass Technology
35. Ceramic Technology	36. Silicate Technology
37. Pharmaceutical Science	38. Oil & Soap Technology
39. Pigment & paint Technology	40. Dye Stuff Technology
41. Printing Technology	42. Leather Technology
43. Leather Goods and Footwear Manufacture	44. Rubber Technology
45. Food Technology	46. Bio-Chemical Engineering
47. Instrumentation-Technology	48. Petroleum Engineering
49. Petroleum Technology	50. Applied Geology
51. Applied Geophysics	52. Jute Technology
53. Paper Technology	54. Catering Technology
55. Plastic Engineering	56. Foundry Technology
57. Sound Engineering	58. Ground Water Engineering
59. Drilling Engineering	60. Cinematography
61. Fisheries and Navigation	62. Medical Laboratory Technology
63. Industrial Engineering	64. Knitting Technology
65. Secretarial Commercial Practice	66. Interior Decoration
67. Library Science	68. Costumes Design & Dress making/ Garment Technology

69. Fine Art Sculpture Commercial etc	70. Computer Science/Computer Applications
71. Polymer Technology	72. Dairy Engineering Technology
73. Mining Machine Engineering	74. Mineral Engineering
75. Fabrication Technology	76. Transportation Engineering
77. Wood/Timber Technology	78. Safety Engineering
79. Handloom Technology	80. Plant Engineering Technology
81. Ship Building Technology	82. Man-made Fibre Technology
83. Tool Engineering Technology	84. Bio-Medical Engineering
85. Energy Engineering	86. Production Engineering and Industrial Management
87. Architectural Assistantship	88. Electrical and Electronics Engg.
89. Environment Pollution and Control Engineering	90. Footwear Technology
91. Computer Aided Design Computer Aided Manufacturing/ ROBOTICS Application	92. Bio-gas Technology
93. Petro-Chemical Engineering/Technology	94. Water Management
95. Water Resource Engg.	96. Machine Tools and Maintenance
97. Industrial Electronics and Instrumentation	98. Air Craft Maintenance Engineering
99. Mechatronics	100. Cement Technology
101. Information Technology	102. Materials Management
103. Packaging Technology	104. Beauty Culture and Cosmetology
105. Textile Designing	106. Bio-Technology
107. Electronics & Bio-Medical Engineering	108. Electronics & Communication Engineering
109. Bio-Medical Instrumentation Engineering	110. Fashion Technology
111. Garment and Fashion Technology	112. Modern Office Practice Management
113. Herbal technology	114. Travel and Tourism Management

Annexure-III

Subject fields designated for Technician (Vocational) Apprentices	
1. Accountancy & Auditing	2. Banking
3. Marketing and Salesmanship	4. Office Secretaryship/ Stenography
5. Food Preservation	6. Poultry Farming
7. Fisheries/Fish Processing	8. Dairying
9. Medical Laboratory/Technology Assistants	10. Health Worker
11. Nursing	12. Child Care & Nutrition
13. Crop Cultivation/Production	14. Sericulture
15. Agriculture	16. Floriculture
17. Plant Protection	18. Textile Designing
19. Civil Construction/Maintenance	20. Mechanical Servicing
21. Agricultural Chemicals	22. Inland Fisheries

23. Plantation Crops & Management	24. Seed Production Technology
25. Swine Production	26. Vegetable Seed Production
27. Medicinal & Aromatic Plant Industry	28. Sheep and Goat Husbandry
29. Repair & Maintenance of Power Driven Farm Machinery	30. Veterinary Pharmacist-cum-Artificial Insemination Asstt.
31. Agro Based Food Industries (Animal based)	32. Agro Based Food Industries (Crop based)
33. Agro Based Industries (Feed based)	34. Post Harvest Technology
35. Fish Seed Production	36. Fishing Technology
37. Cooperation	38. Export-Import Practices and Documentation
39. Insurance	40. Purchasing & Store Keeping
41. Taxation Practices/Taxation Laws/ Tax Assistant	42. Audio Visual Technician
43. Maintenance Repair of Electrical Domestic Appliances	44. Health Sanitary Inspector
45. Hospital Documentation	46. Hospital House Keeping
47. Ophthalmic Technician	48. Physiotherapy & Occupational Therapy
49. X-Ray Technician	50. Multi Rehabilitation Worker
51. Catering & Restaurant Management	52. Institutional House Keeping
53. Pre School & Crèche Management	54. Commercial Garment Designing and Making
55. Interior Design	56. Library and Information Science
57. Tourism and Travel Techniques	58. Instrumental Music (Percussion Table)
59. Classical Dance (Kathak)	60. Indian Music (Hindustani Vocal Music)
61. Horticulture	62. Soil Conservation
63. Industrial Management	64. Receptionist
65. Basic Financial Services	66. Office Management
67. Building and Road Construction	68. Building Maintenance
69. Ceramic Technology	70. Computer Technology
71. Rural Engineering Technology	72. Material Management Technology
73. Rubber Technology	74. Structure and Fabrication Technology
75. Sugar Technology	76. Tanneries
77. Clothing for the family	78. Health Care and Beauty Culture
79. Bleaching, Dying and Fabric Painting	80. Knitting Technology
81. Bio Medical Equipment & Technician	82. Dental Hygienist
83. Dental Technician	84. Multi Purpose Health Worker
85. Pharmacist	86. ECG and Audiometric Technician
87. Nutrition and Dietetics	88. Auxiliary Nurse and Mid Wives
89. Primary Health Worker	90. Photography
91. Commercial Art	92. Physical Education
93. Bhartnatayam	94. Cotton Classifier
95. Printing Technology	96. Surveying
97. Printing & Book Binding	98. Automobile Mechanic
99. Automobile Engineering Technology	100. Information Technology
101. Radio and Television Engineering	102. Electronics Technology

Annexure-IV

Training Statistics of Trade Apprentices

Position as on 30.9.2008

Sl. No.		Central Sector	State/Private Sector	Total
1	No. of Seats located	35025	239716	274741
2	No. of Seats utilised	31997	165997	197994
3	% utilisation of seats	91%	69%	72%
4	Minorities/Weaker Section			
	a) Scheduled Caste(SC)	5443 17%	19572 12%	25015 13%
	b) Scheduled Tribes(ST)	1676 5%	7814 5%	9490 5%
	c) Minorities	1355 4%	9159 6%	10514 5%
	d) Physically Handicapped	376 1%	712 0.35%	1088 1%
	e) Women	1407 5%	6326 4%	7733 4%

Details are given at Annexure IVA & IVB

Annexure-IVA**Details of Regionwise Seats Utilisation in respect of Trade Apprentices in Central Sector**

Position as on 30.9.2008

Region	Seats located	Seats utilised	% Utilisation	No. of Seats utilised out of Column 3				
				S/C	S/T	Minorities	PH	Women
1	2	3	4	5	6	7	8	9
RDAT, Kolkata	6734	5842	87%	608	345	35	16	90
RDAT, Chennai	7500	6685	89%	1862	146	837	142	749
RDAT, Faridabad	2843	2566	90%	462	64	18	43	18
RDAT, Hyderabad	7245	7201	99%	981	189	90	70	77
RDAT, Kanpur	6475	5808	90%	853	602	188	66	190
RDAT, Mumbai	4228	3895	92%	677	330	187	39	283
Total	35025	31997	91%	5443	1676	1355	376	1407

Annexure-IVB

Details of Seats Utilisation in respect of Trade Apprentices in State Sector

Position as on 30.9.2008

State/UT	Seats located	Seats utilised	% Utilisation	No. of Seats utilised out of Column 3				
				S/C	S/T	Minorities	PH	Women
1	2	3	4	5	6	7	8	9
Andhra Pradesh	17537	13884	79%	2027	744	1121	152	144
Arunachal Pradesh	18	1	6%	—	—	—	—	—
Assam	22	19	86%	2	3	2	—	—
Bihar	707	373	53%	43	7	40	7	5
Chattisgarh	1203	563	47%	50	65	1	—	7
Goa	1288	822	64%	—	4	—	—	4
Gujarat	30996	27361	88%	3005	2975	642	15	852
Haryana	8046	5826	72%	1144	11	43	10	91
Himachal Pradesh	1853	1240	67%	125	46	10	21	16
J & K	946	762	81%	47	11	—	5	71
Jharkhand	2504	2384	95%	338	310	149	12	114
Karnataka	25253	20636	82%	1559	526	2055	185	1272
Kerala	8676	7712	89%	745	48	2007	12	986
Madhya Pradesh	4150	2465	59%	392	165	290	3	19
Maharashtra	55467	35943	65%	4368	1545	1783	26	1217
Manipur	80	15	19%	1	1	1	—	2
Nagaland	35	31	89%	—	24	—	—	—
Orissa	4064	3350	82%	501	769	98	101	316
Punjab	5695	3176	56%	613	2	65	23	89
Rajasthan	7608	3490	46%	343	206	209	19	21
Tamil Nadu	31975	13975	44%	1786	120	322	35	136
Uttar Pradesh	19432	14595	75%	2032	103	191	69	691
Uttranchal	2153	815	38%	52	16	7	4	—
West Bengal	3524	3352	95%	194	30	52	10	145
A & N Islands	76	11	14%	—	—	—	—	—
Chandigarh	291	106	36%	13	—	24	—	—
D & N Haveli	88	85	97%	4	58	1	—	—
Daman & Diu	98	98	100%	1	22	4	—	—
Delhi	4750	1871	39%	77	3	8	—	2
Puducherry	1181	1036	88%	110	—	34	3	126
Total	239716	165997	69%	19572	7814	9159	712	6326

Annexure-V

Training Statistics of Graduate, Technician and Technician(Vocational) Apprentices

Position as on 30.9.2008

Sl. No.		Graduate	Technician (Vocational)	Technician	Total
1	No. of Seats located	26334	42219	28194	96747
2	No. of Seats utilised	15218	17483	6392	39093
3	% utilisation of seats	58%	41%	23%	40%
4	Minorities/Weaker Section				
	Scheduled Caste(SC)	1125 7%	1965 11%	673 11%	3763 10%
	Scheduled Tribes(ST)	188 1%	185 1%	83 1%	456 1%
	Minorities	1052 7%	1068 6%	443 7%	2563 7%
	Physically Handicapped	37 0.24%	70 0.40%	17 0.27%	124 0.32%
	Women3457	2358 23%	2138 13%	7953 33%	20%

Details of Statewise seats utilisation in respect of Graduate, Technician & Technician(Vocational) Apprenticeship are shown in Annexure - VA, VB & VC

Details of Seats Utilisation in respect of Graduate Apprentices

Position as on 30.9.2008

State/UT	Seats located	Seats utilised	% Utilisation	No. of Seats utilised out of Column 3				
				S/C	S/T	Minorities	PH	Women
1	2	3	4	5	6	7	8	9
Andhra Pradesh	2348	2187	93%	371	77	168	3	652
Arunachal Pradesh	57	0	0%	—	—	—	—	—
Assam	140	23	16%	2	—	—	—	1
Bihar	16	0	0%	—	—	—	—	—
Chattisgarh	260	86	8%	5	17	4	1	5
Goa	266	58	22%	1	—	1	—	10
Gujarat	2084	538	26%	38	13	18	—	41
Haryana	310	73	24%	1	—	6	—	5
Himachal Pradesh	17	14	82%	—	—	—	—	—
J & K	66	3	5%	—	—	—	—	—
Jharkhand	152	19	13%	3	—	3	—	4
Karnataka	2267	1255	55%	116	18	157	9	378
Kerala	1416	472	33%	31	1	65	—	88
Madhya Pradesh	727	174	24%	12	5	5	—	8
Maharashtra	8094	3507	43%	107	14	100	8	883
Manipur	28	2	7%	1	—	—	—	2
Meghalaya	28	0	0%	—	—	—	—	—
Nagaland	25	0	0%	—	—	—	—	—
Orissa	235	387	160%	19	—	1	—	129
Punjab	409	28	7%	1	—	5	—	3
Rajasthan	200	351	176%	16	25	12	—	15
Tamil Nadu	2865	2892	101%	239	12	213	10	873
Tripura	123	2	2%	2	—	—	—	—
U.P & Uttranchal	1748	1562	89%	116	3	164	6	71
West Bengal	1650	1004	61%	11	—	19	—	235
A & N Islands	41	—	—	—	—	—	—	—
Chandigarh	25	10	40%	—	—	3	—	1
Daman, D & N Haveli	20	18	90%	—	—	—	—	1
Delhi	631	497	79%	28	3	104	—	44
Sikkim	2	0	0%	—	—	—	—	—
Pondicherry	84	56	67%	5	—	4	—	8
Total	26334	15218	58%	1125	188	1052	37	3457

Annexure-VB

Details of Seats Utilisation in respect of Technician Apprentices

Position as on 30.9.2008

State/UT	Seats located	Seats utilised	% Utilisation	No. of Seats utilised out of Column 3				
				S/C	S/T	Minorities	PH	Women
1	2	3	4	5	6	7	8	9
Andhra Pradesh	4449	988	22%	161	35	112	3	344
Arunachal Pradesh	26	0	0%	—	—	—	—	—
Assam	352	89	25%	27	—	—	—	22
Bihar	49	2	4%	—	—	—	—	—
Chattisgarh	388	136	35%	20	16	—	—	7
Goa	383	85	22%	1	5	1	—	5
Gujarat	2256	745	33%	55	56	36	5	64
Haryana	1121	437	33%	12	1	18	—	95
Himachal Pradesh	50	118	236%	—	—	8	—	7
J & K	108	6	6%	—	—	—	—	—
Jharkhand	285	169	59%	51	16	5	—	4
Karnataka	3466	1150	33%	66	4	73	7	210
Kerala	2258	922	41%	28	1	101	1	362
Madhya Pradesh	1237	152	12%	27	1	3	2	17
Maharashtra	7700	1217	16%	113	16	76	11	160
Manipur	99	16	16%	2	—	2	—	5
Meghalaya	81	8	10%	5	—	—	—	5
Mizoram	189	28	15%	20	6	—	—	25
Nagaland	112	0	0%	—	—	—	—	—
Orissa	973	762	78%	323	1	6	—	267
Punjab	900	177	20%	19	—	22	—	31
Rajasthan	750	125	17%	6	13	3	—	17
Tamil Nadu	6604	5765	87%	642	10	327	20	346
Tripura	178	26	15%	1	—	—	—	11
U.P. & Uttranchal	5417	3502	65%	299	2	209	19	247
West Bengal	1207	247	20%	36	2	13	—	32
A & N Islands	112	6	5%	—	—	3	—	1
Chandigarh	148	91	61%	1	—	15	—	38
Daman & Ngr. Haveli	44	7	16%	—	—	2	—	—
Delhi	1067	27	3%	1	—	4	—	4
Sikkim	6	0	0%	—	—	—	—	—
Pondicherry	204	480	235%	49	—	29	2	32
Total	42219	17483	41%	1965	185	1068	70	2358

Annexure-VC

Details of Seats Utilisation in respect of Technician(Vocational) Apprentices

Position as on 30.9.2008

State/UT	Seats located	Seats utilised	% Utilisation	No. of Seats utilised out of Column 3				
				S/C	S/T	Minorities	PH	Women
1	2	3	4	5	6	7	8	9
Andhra Pradesh	710	1119	158%	247	44	100	5	409
Arunachal Pradesh	—	—	—	—	—	—	—	—
Assam	1	—	—	—	—	—	—	—
Bihar	1100	711	65%	42	3	84	—	187
Chattisgarh	172	11	—	4	1	—	—	—
Goa	200	34	17%	—	—	—	—	28
Gujarat	1166	36	3%	—	3	1	1	13
Haryana	955	303	32%	9	—	19	—	43
Himachal Pradesh	—	2	—	—	—	—	—	—
J & K	—	—	—	—	—	—	—	—
Jharkhand	123	26	21%	2	2	3	—	3
Karnataka	1377	230	17%	26	9	31	2	82
Kerala	1127	491	44%	5	—	46	—	188
Madhya Pradesh	782	64	8%	11	1	12	—	17
Maharashtra	12270	657	5%	63	11	34	3	265
Manipur	—	—	—	—	—	—	—	—
Meghalaya	7	0	0%	—	—	—	—	—
Mizoram	—	—	—	—	—	—	—	—
Nagaland	—	—	—	—	—	—	—	—
Orissa	112	77	69%	3	—	—	—	18
Punjab	136	38	28%	1	—	5	—	7
Rajasthan	—	—	—	—	—	—	—	—
Sikkim	222	—	—	—	3	—	—	—
Tamil Nadu	5463	1833	34%	226	3	71	3	782
Tripura	—	—	—	—	—	—	—	—
UP & Uttranchal	911	459	50%	21	—	16	3	39
West Bengal	589	95	16%	6	2	—	—	8
A & N Islands	4	—	—	—	—	—	—	—
Chandigarh	99	19	19%	—	—	6	—	5
Daman, Ngr. Haveli	70	7	10%	—	1	—	—	—
Delhi	487	150	31%	4	—	15	—	24
Lakshadweep	—	—	—	—	—	—	—	—
Pondicherry	111	30	27%	3	—	—	—	20
Total	28194	6392	23%	673	83	443	17	2138

