

Norms for Engineering and Non Engineering Trades under Craftsmen Training Scheme
(Syllabi of All Trades are Availabel at DGE&T website [www.dget.nic.in/ trade](http://www.dget.nic.in/trade))

ENGINEERING TRADES

Sl.No	Name of the Trade Year of revision	Duration	Unit Size	Space norms (Sq Mt) / Trainee	Power Supply load (KW)	Remarks
	1	2	3	4	5	6
	Education Qualification 8th passed					
1	Carpenter	1 year	16	6.00	4	Science subject
2	Foundry man ¹⁹⁹⁸	1 year	16	8.00	11	
3	Mason (Building Constructor) ²⁰⁰⁴	1 year	16	5.00	2.5	
4	Mechanic (Tractor) ¹⁹⁹⁶	1 year	16	3.75*	4.4	
5	Mechanic Agricultural Machinery	2 years	16	4.50**	13.5	Science subject
6	Painter General	2 years	16	3.50	5	
7	Plumber ²⁰⁰⁴	1 year	16	4.00	2.6	
8	Sanitary Hardware fitter	06 months	16	3.50	4.3	
9	Sheet Metal Worker ¹⁹⁹⁶	1 year	16	5.00	11	

Sl.No	Name of the Trade Year of revision	Duration	Unit Size	Space norms (Sq Mt) / Trainee	Power Supply load (KW)	Remarks
	1	2	3	4	5	6
10	Welder (Gas and Electric) ²⁰⁰⁶	1 year	12	5.50	15.4	
11	Wireman ¹⁹⁹⁶	2 years	16	4.00	4.38	
12	Gold Smith	1 Year	16	3.00	5	
	10th passed under 10+2 system					
13.	Plastic Processing Operator	1 year	16	@	13.6	
14	Fitter ^{1997, 2007}	2 years	16	5.50	3.51	
15	Turner ^{1999, 2007}	2 years	12	9.00	16.35	
16	Machinist ^{1996, 2007}	2 years	12	10.00	18.32	
17	Interior Decoration and Designing	01 year	16	4.00***	9.3	
18	Mechanic (Diesel) ¹⁹⁹⁸	1 year	16	5.25****	4.22	
19	Machinist (Grinder) ¹⁹⁹⁷	2 years	12	8.50	23.4	
20	Electroplater ¹⁹⁹⁹	2 years	16	3.00	16	
21	Mech. Repair & Maintenance of Light Vehicles	1 year	16	17.50	6	
22	Mech. Repair & Maintenance of Heavy Vehicles	1 year	16	31.50	6	

Sl.No	Name of the Trade Year of revision	Duration	Unit Size	Space norms (Sq Mt) / Trainee	Power Supply load (KW)	Remarks
	1	2	3	4	5	6
23	Mech. Repair & Maintenance of Two Wheelers	6 months	16	5.13	1.2	
24	Mech. Communication Equipment Maintenance	1 year	16	4.50	2	
25	MechanicLens/Prism Grinding	1 year	12	8.40	7.5	

- * Parking room area 188 sq.mt. separate
- ** Parking area 152 sq.mt. separate
- *** One separate room is required for Computer Lab. (4x4mtr.)
- **** Parking room 52 sq.mt.
- @ Adequate space need to be decided

Sl.No	Name of the Trade Year of revision	Duration	Unit Size	Space norms (Sq Mt) / Trainee	Power Supply load (KW)	Remarks
	1	2	3	4	5	6
26	Building Maintenance	06 months	16	4.00	2.5	
27	Architectural Assistant	1 year	16	4.00	12.6	
28	Tool & Die Maker (Press Tools, Jigs & Fixtures)	3 years	16	7.00	29.6	Science subject
29	Tool & Die Maker (Dies & Moulds)	3 years	16	7.00	29.6	Science subject
30	Pump Operator-cum- Mechanic <small>1999, 2007</small>	1 year	16	@	11	Science subject
31	Lift Mechanic	2 years	16	3.5	10	Science subject
32	Mechanic Medical Electronics	2 years	20	6.00*	2	Science & Maths subject
33	Mechanic Consumer Electronics	2 years	20	5.00	2	Science & Maths subject
34	Marine Fitter	2 years	16	16	30	Science & Maths with 50% marks subject
35	Vessel Navigator2010	2 years	16	15	20	Science & Maths with 50% marks subject
36	Instrument Mechanic ²⁰⁰⁰	2 years	16	5.00	8.07	Science subject

Sl.No	Name of the Trade Year of revision	Duration	Unit Size	Space norms (Sq Mt) / Trainee	Power Supply load (KW)	Remarks
	1	2	3	4	5	6
37	Draughtsman ^{1996, 2007} (Mechanical)	2 years	16	4.00	3.7	Science & Maths subject
38	Maintenance Mechanic (Chemical Plant) ²⁰¹⁰	2 years	16	6.00	13	Science & Maths subject
39	Instrument Mechanic (Chemical Plant) ²⁰¹⁰	2 years & 6 months	16	6.50	8	Science subject Passed B.Sc with Physics & Chemistry
40	Attendant Operator (Chemical Plant) ²⁰¹⁰	2 years & 6 months	16	6.50	13	Science subject Passed B.Sc with Physics & Chemistry
41	Laboratory Assistant (Chemical Plant) ²⁰¹⁰	2 years & 6 months	16	6.00	6	Science subject Passed B.Sc with Physics & Chemistry
42	Information Technology & Electronics System Maintenance ²⁰⁰⁷	2 years	16	5.00	7.2	Science & Maths subject
43	Mechanic (Motor Vehicle) ²⁰⁰²	2 years	16	5.25**	4.8	Science subject
44	Electrician ^{1996, 2007}	2 years	16	6.10	5.2 (for 2 units in one shift)	Science subject

Sl.No	Name of the Trade Year of revision	Duration	Unit Size	Space norms (Sq Mt) / Trainee	Power Supply load (KW)	Remarks
45	Mechanic (Radio & TV) ¹⁹⁹⁶	2 years	16	3.50	3.04	
46	Mechanic-cum-Operator Electronics Communication System	2 years	20	4.00	2	Science subject
47	Mechanic (Refrigeration and Air-Conditioner) ²⁰⁰³	2 years	16	5.00	6.82	Science , Maths subject
48	Mechanic Machine Tools Maintenance ¹⁹⁹⁹	3 years	16	12.00	17	Science subject
49	Draughtsman (Civil) ^{1996, 2007}	2 years	16	4.00	3.7	Science , Maths subject
50	Surveyor ^{1997, 2007}	2 years	16	4.00	2	Science , Maths subject
51	Electronic Mechanic ²⁰⁰⁶	2 years	16	3.50	3.04	Science , Maths subject
52	Mechanic Auto Electrical and Electronics	06 months	16	3.5	2.5	Science , Maths subject
53	Spinning Technician ^{New 2008}	2 years	16	32.81	19	
54	Weaving Technician ^{New 2008}	2 years	20	26.25	9.4	
55	Textile Mechatronics ^{New 2008}	2 years	20	12	9	
56	Marine Engine Fitter	1 year	16	5.25	3	Science, Maths subject
57.	Textile Wet Processing Technician	2 years	16	6.5	8	Science, Maths subject

Sl.No	Name of the Trade Year of revision	Duration	Unit Size	Space norms (Sq Mt) / Trainee	Power Supply load (KW)	Remarks
58	Domestic Painter	1 year	20	4	2.5	
59	Industrial Painter	1 year	20	4	2.5	
60	Rubber Technician	1 year	20	3	5	
Education Qualification 12th Passed under 10+2 system 58						
61	Mechanic Mechatronics	2 years	16	@	8	Science subject
62	Mechanic Industrial Electronics	2 years	20	5.0	3	Science subject
63	Mechanic Computer Hardware	2 years	20	5.00	4	
64	Operator Advanced Machine Tools	2 years	12	@	25	Science subject
65	Physiotherapy Technician	1 year	16	6.25	3	Science , Maths subject
66	Radiology Technician (Radio Diagnosis & Radiotherapy)	2 years	16	4.69	4	Science , Maths subject
67	Mechanic Mining Machinery	2 years	20	4.39	20	Science subject

All the syllabus are available on website <http://www.dget.gov.in>

* Inclusive 10 sq.mt.dark room area

** Parking room 156 sq.mt.

@ Not decided

NON -ENGINEERING TRADES

	Education Qualification 8 th passed					Subjects
Sl no.	Trades	Duration	Unit Size	Space Norms (Sq Mt per trainee)	Power Supply load(KW)	
68	Embroidery and Needle Work ²⁰⁰⁰	1 Year	16	3.50	3.	
69	Cane Willow and Bamboo Work	1 Year	16	5.00	3.5	
70	Weaving of Silk and Woolen Fabrics	1 year	16	9.00	17	
71	Weaving of Woolen Fabrics	1 year	16	8.00	17	
72	Cutting & Sewing ²⁰⁰²	1 Year	16	3.50	4	
73	Manufacture of Footwear ²⁰⁰⁸ (Footwear Maker)	1 year	16	4.50	5.2	
74	Old Age Care	06 months	16	6.25	2	
75	Leather Goods Maker ²⁰⁰⁸ (new name Footwear Management)	1 Year	16	4.50	4	
	Education Qualification 10th Passed under 10+2 pattern					
76	Hair and Skin care ¹⁹⁹⁷	1 year	16	3.00	14	
77	Steward	1 year	16	3.00	8	
78	Craftsman Food Production (General)	1 year	16	6.00	4	
79	Craftsman Food Production (Vegetarian)	1 year	16	6.00	4	
80	Computer Aided Embroidery & Needle Work	6 months	16	3.50	5	
81	Dress Making ¹⁹⁹⁷	1 year	16	3.50	20	
82	Dairying	01 year	25	5.00	3	
83	Baker and Confectioner	1 year	16	6.00	16.6	
84	Driver Cum Mechanic (Light Motor Vehicle)	06 months	16	3.50 (Vehicle parking in common garage)	1.2	

Sl no.	Trades	Duration	Unit Size	Space Norms (Sq Mt per trainee)	Power Supply load(KW)	Subjects
85	Dental Laboratory Technician	02 years	16	7.50	12	
86	Institution House Keeping	06 months	16	2.00	9.2	
87	Corporate House Keeping	06 months	20	2.00	4.2	
88	Domestic House Keeping	06 months	20	2.00	16.7	
89	Pre/Preparatory School Management (Assistant)	06 months	16	3.00	3	
90	Event Management Assistant	06 months	16	3.50	4	
91	Front Office Assistant	06 months	16	3.50	12.8	
92	Crèche Management	06 months	16	3.00***	2	
93	Cabin/Room Attendant	06 months	16	5.00	2	
94	Preservation of fruits and vegetables2000 (new name Fruit & Vegetable Processing)	1 year	16	4.00	4.7	Science subject
95	Photographer	1 year	16	3.00	7	Science subject
96	Process Cameraman	1 year	16	6.00	4	Science subject

Sl no.	Trades	Duration	Unit Size	Space Norms (Sq Mt per trainee)	Power Supply load(KW)	Subjects
97	Plate Maker-cum-Impositer	1 year	16	4.50	4.2	Science subject
98	Litho – Offset Machine Minder	1 year	16	6.00	4	Science subject
99	Catering & Hospitality Assistant	1year	16	4.00	19	
100	Data Entry Operator	06 months	16	3.5	4	Typing Speed 30w.p.m. in English
101	Fireman	6 months	20	1.0 + 10,000 sq. yrds for practical	2	
102	Human Resources Executive	1 Year	20	I.T.Lab2.5 Language Lab1.5	4	
103	Marketing Executive	1 Year	20	I.T.Lab2.5 Language Lab1.5	4	
104	Finance Executive	1 Year	20	I.T.Lab2.5 Language Lab1.5	4	

Education Qualification 12 th Passed under 10+2 pattern						
Sl no.	Trades	Duration	Unit Size	Space Norms (Sq Mt per trainee)	Power Supply load(KW)	Subjects
105	Library & Information Science	06 months	20	0.75	3	
106	Insurance Agent	06 months	25	1.50	2	
107	Network Technician	06 months	16	3.50	5	
108	Tourist Guide	06 months	16	3.50	4	
109	Digital Photographer	01 year	16	3.50	6.5	
110	Fashion Technology	01 year	16	3.50	8.2	
111	Hospital House Keeping	01 year	20	2.00	5	
112	Hospital Waste Management	6 months	16	2000 Sq. ft for one unit	5	
113	Floriculture & Landscaping	06 months	20	1 Hectare plot of land.	2	
114	Health Sanitary Inspector	01 year	20	2.00	4	Science Subjects
115	Medical Transcription	06 months	10	3.50	4	
116	Horticulture	01 year	20	1 Hectare plot of land →	2	
117	Stenography (English) ²⁰⁰²	1 year	16	3.00	4.4	
118	Secretarial Practice ¹⁹⁹⁷	1 year	16	3.00	1.8	
119	Stenography (Hindi) ²⁰⁰⁸	1 year	16	3.00	4.4	
120	Desk Top Publishing Operator ²⁰⁰⁴	1 year	16	3.50	4.3	
121	Computer Operator and Programming Assistant ^{2003,2007}	1 year	20	3.50	3.45	

Sl no.	Trades	Duration	Unit Size	Space Norms (Sq Mt per trainee)	Power Supply load(KW)	
122	Travel &Tour Assistant	1 year	16	3.50	4.5	
123	Multimedia Animation to Special Effect	1 year	20	Studio -50sq.mt Lab- 80 Sq.mt.	6	
124	Office Assistant cum Computer Operator	1 year	20	3.50	6	
125	Spa Therapy	6 months	20	4.0	2	
126	Health Safety and Environment	1 year	20	1.0	2	
127	Fire Technology and Industrial Safety Management	1 Year	20	*1.0 + 10,000 sq. ft.for practical	2	

→ It may be made available within a radius of 2 kms from the campus of the Institute. **(DGET-2(12)/2010-CD Dated 30.11.2010**

***Space for Practical Training of Trade Fireman and Fire Technology and Industrial Safety Management is common.**