

Sr.No.	Name of Trades	Duration in Semesters	Entry Qualification	Unit Siz	Space Norms (Sq.Mt)/ Trainee			Power Supply Load (KW)			Tentative Cost Of Machinery & Tools & Equipment In Rs. For One Unit as on date 2011-12
					Class Room	Work shop	Computer lab	Class Room	Work shop	Computer lab	
1	2	3		5	6	7	8	10	11	12	13
	Engineering Trades										
1	Architectural Assistant	2	SSC Pass	20	30	100	80	0	0	0	3
2	Attendant Operator (Chemical Plant)	4	SSC Pass	16	0	6.5	0	0	13	0	44
3	Carpenter	2	8th Pass	20	40	120	0	1	8	0	5.72
4	Draughtsman (Civil)	4	SSC Pass	20	30	64	50	1	2	0	48
5	Draughtsman (Mechanic)	4	SSC Pass	16	0	64	0	0	3.7	0	5
6	Domestic Painter	2	SSC Pass	20	0	4	0	0	2.5	0	0
7	Electrician	4	SSC Pass	16	0	98	0	0	5.2 \$	0	7
8	Electronic Mechanic	4	SSC Pass	20	0	56	0	0	3.04	0	22
9	Electroplater	4	SSC Pass	16	20	60	0	0	16	0	5
10	Fitter	4	SSC Pass	16	0	88	0	0	3.51	0	11
11	Foundry man Technician (Old Name Foundry man)	2	SSC Pass	16	0	128	0	0	11	0	0
12	Gold Smith	2	8th Pass	16	0	48	0	0	5	0	9
13	Information Communication Technology System Maintenance (Old Name – IT & ESM)	4	SSC Pass	20	30	0	70	0	3.45	0	27
14	Industrial Painter	2	SSC Pass	20	0	4	0	0	2.5	0	0
15	Instrument Mechanic	4	SSC Pass	20	0	80	0	0	8.06	0	18
16	Instrument Mechanic (Chemical Plant)	4	SSC Pass	16	0	6.5	0	0	8	0	19.91
17	Interior Decoration and Designing	2	SSC Pass	20	80	40	36	0	10	0	7
18	Laboratory Assistant (Chemical Plant)	4	SSC Pass	16	0	6	0	0	6	0	20
19	Lift and Escalator Mechanic (Old Name - Lift Mechanic)	4	SSC Pass	16							10
20	Machinist	4	SSC Pass	12	0	130	0	0	20	0	80
21	Machinist (Grinder)	4	SSC Pass	12	0	102	0	0	23.4	0	80
22	Maintenance Mechanic (Chemical Plant)	4	SSC Pass	16	0	6	0	0	13	0	36.3
23	Marine Engine Fitter	2	SSC Pass	16	30	5.25	0	0	3	0	0
24	Marine Fitter	4	SSC Pass	16	0	256	0	0	30	0	25
25	Mason (Building Constructor)	2	8th Pass	20	0	80	0	0	3	0	2
26	Mechanic Diesel Engine Old Name Mechanic (Diesel)	2	SSC Pass	16	0	210**	0	0	4.8	0	35
27	Mechanic Mining Machinery	4	SSC Pass	20	0	292	0	0	20	0	0
28	Mechanic Motor Vehicle	4	SSC Pass	16	0	210**	0	0	4.8	0	40
29	Mechanic (Refrigeration and Air-Conditioner)	4	SSC Pass	20	30	80	0	0	6.82	0	19
30	Mechanic (Tractor)	2	SSC Pass	16	0	210**	0	0	4.8	0	20
31	Mechanic Agricultural Machinery	4	SSC Pass	16	0	225**	0	0	10	0	31.5
32	Mechanic Auto Electrical and Electronics	2	SSC Pass	16	0	100**	0	0	3	0	17
33	Mechanic Lens/Prism Grinding	2	SSC Pass	12	0	100	0	0	7.5	0	5
34	Mechanic Motor Cycle (Old Name - Mech. Repair & Maintenance of Two Wheelers)	2	SSC Pass	16	0	100**	0	0	3	0	5
35	Mechanic Machine Tools Maintenance	4	SSC Pass	16	0	192	0	0	17	0	70
36	Mechanic Mechatronics	4	SSC Pass	16	0	192	0	0	8	0	55
37	Mechanic Medical Electronics	4	SSC Pass	20	0	120***	0	0	2	0	26
38	Operator Advanced Machine Tools	4	SSC Pass	12	0	144	0	0	25	0	110
39	Painter General	4	SSC Pass	16	0	3.5	0	0	5	0	4.85
40	Physiotherapy Technician	2	SSC Pass	16	0	100	0	0	3	0	5
41	Plastic Processing Operator	2	SSC Pass	16	0	0	0	0	13.6	0	50
42	Plumber	2	10th Pass OR Fail	20	30	80	0	1	2	0	2.5
43	Pump Operator-cum-Mechanic	2	SSC Pass	16	0	84	0	0	11	0	9.5
44	Radiology Technician (Old Name - Radio Diagnosis & Radiotherapy)	4	SSC Pass	16	0	75.04	0	0	4	0	55
45	Rubber Technician	2	SSC Pass	20	0	60	0	0	5	0	0
46	Sheet Metal Worker	2	SSC Pass	16	0	80	0	0	11	0	8
47	Mettal Cutting Attendent (For Visually impaired)	4	SSC Pass	16	0	100	0	0	18	0	0
48	Spinning Technician	4	SSC Pass	16	0	525	0	0	19	0	55
49	Stone Processing Machines Operator	2	SSC Pass	20	0	100	0	0	10	0	0
50	Stone Mining Machine Operator	2	SSC Pass	20	0	100****	0	0	10	0	0
51	Surveyor	2	SSC Pass	20	0	64	0	0	3	0	6
52	Textile Mechatronics	4	SSC Pass	16	0	240	0	0	9	0	55
53	Textile Wet Processing Technician	4	SSC Pass	16	0	104	0	0	8	0	0
54	Tool & Die Maker (Dies & Moulds)	4	SSC Pass	16	0	130	0	0	29.6	0	90
55	Tool & Die Maker (Press Tools, Jigs & Fixtures)	4	SSC Pass	16	0	130	0	0	29.6	0	90
56	Turner	4	SSC Pass	12	0	110	0	0	18.5	0	70.3
57	Vessel Navigator	4	SSC Pass	16	0	15	0	0	20	0	25
58	Welder Old Name Welder (Gas and Electric)	2	SSC Pass	16	0	80	0	0	16	0	12

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1	2	3		5	6	7	8	10	11	12	13
59	Weaving Technician	4	SSC Pass	16	0	525	0	0	9.4	0	55
60	Wireman	4	SSC Pass	16	0	88	0	0	5	0	5
New Engineering Trades introduced w.e.f. August, 2014											
61	Mechanic Auto Body Repair	2	SSC Pass	16	0	210**	0	0	4.8	0	0
62	Mechanic Auto Body Painting	2	SSC Pass	16	0	210**	0	0	4.8	0	0
63	Mechanic Air-conditioning Plant	4	SSC Pass	20		(\$\$)			(\$\$)		0
64	Civil Engineer Assistant	2	SSC Pass	20		(\$\$)			(\$\$)		0
65	Technician Power Electronic System	2	SSC Pass	20	0	70	0	0	0	5	0
66	Mechanic Consumer Electronics Appliances	2	SSC Pass	20	0	56	0	0	0	3.04	0
67	Welder (GMAW & GTAW)	2	SSC Pass	16	0	80	0	0	0	16	0
68	Welder (Fabrication & Fitting)	2	SSC Pass	16	0	80	0	0	0	16	0
69	Welder (Structural)	2	SSC Pass	16	0	80	0	0	0	16	0
70	Welder (Pipe)	2	SSC Pass	16	0	80	0	0	0	16	0
71	Welder (Welding & Inspection)	2	SSC Pass	16	0	80	0	0	0	16	0
72	Information Technology	4	SSC Pass	20	30	0	70	0	0	3.45	0
73	Computer Hardware & Network Maintenance	2	SSC Pass	20	30	0	70	0	0	3.45	0
74	Refractory Technician	4	SSC Pass	16	0	130	0	0	0	13.6	0
Non-Engineering Trades											
1	Architectural Draughtsman	2	SSC Pass	20	40	100	0	80	1	4	0
2	Baker & Confectioner	2	SSC Pass	20	30	96	0	0	0	16.6	10
3	Computer Operator & Programming Assistant	2	SSC Pass	20	0	70	0	0	0	3.45	18
4	Food Production (General) (Old Name Craftsman Food Production).	2	SSC Pass	20	30	96	0	0	0	4	8
5	Sewing Technology Old Name - Cutting & Sewing	2	SSC Pass	16	0	64	0	0	0	5	5.9
6	Computer Aided Embroidery & Designing (Old Name Computer Aided Embroidery Needle Work)	2	SSC Pass	16	0	64	0	0	0	5	15
7	Dairying	2	SSC Pass	25	0	125	0	0	0	3	5
8	Dental Laboratory Technician	4	SSC Pass	20	0	120	0	0	0	12	35
9	Desktop Publishing Operator	2	SSC Pass	20	0	70	0	0	0	4.3	12
10	Digital Photographer	2	SSC Pass	16	0	48	0	0	0	6.35	15
11	Dress Making	2	SSC Pass	16	0	64	0	0	0	5	6.4
12	Surface Ornamentation Techniques (Embroidery) (Old Name Embroidery and Needle Work)	2	SSC Pass	16	0	64	0	0	0	5	4
13	Fashion Design Technology (Old Name Fashion Technology)	2	SSC Pass	16	0	64	0	0	0	5	15
14	Floriculture Landscaping	2	SSC Pass	20	0	1 Hectore Land	0	0	0	2	10
15	Front Office Assistant	2	SSC Pass	20	30	56	0	0	0	4.5	6
16	Basic Cosmetology (Old name Hair & Skin Care)	2	SSC Pass	20	0	70	0	0	0	6	6.6
17	Heath Sanitary Inspector	2	SSC Pass	20	0	40	0	0	0	4	5
18	Horticulture	2	SSC Pass	20	0	10000	0	0	0	2	20
19	Hospital House Keeping	2	SSC Pass	20	0	40	0	0	0	5	5
20	Leather Goods Maker	2	8th Pass	16	0	72	0	0	0	4	15
21	Footwear Maker	2	8th Pass	16	0	72	0	0	0	4	8
22	Old Age Care	2	SSC Pass	20	30	100	0	0	0	2	5
23	Photographer	2	SSC Pass	16	0	48	0	0	0	7	3.5
24	Pre/Preparatory School Management (Assistant)	2	SSC Pass	20	30	48	0	0	0	3	5
25	Fruit and Vegetable Processor	2	SSC Pass	20	30	96	0	0	0	5	5
26	Process Cameraman	2	SSC Pass	16	0	96	0	0	0	4	10
27	Secretarial Practice (English)	2	SSC Pass	20	30	48	0	0	0	8	0
28	Stenographer Secretarial Assistant (English)	2	SSC Pass	20	30	48	0	0	0	8	0
29	Spa Therapy	2	SSC Pass	20	0	80	0	0	0	6	7
30	Stenographer Secretarial Assistant (Hindi)	2	SSC Pass	20	30	48	0	0	0	8	0
31	Food Beverages Guest Services Assistant Old Name Steward	2	SSC Pass	20	30	48	0	0	0	8	5
32	Weaving Technician for Skill Woolen Fabrics Old Name Weaving of Silk and Woolen Fabrics	2	SSC Pass	16	0	0	144	0	0	17	25
33	Catering Hospitality Assistant	2	SSC Pass	16	0	0	64	0	0	19	0
34	Travel Tour Assistant	2	SSC Pass	20	0	30	56	0	0	4.5	12
35	Multimedia Animation Special Effect	2	SSC Pass	20	0	50 Studio	80	0	0	6	10
36	Heath,Safety & Environment	2	SSC Pass	20	0	1000 #	0	0	0	2	3

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37	Fire Technology and Industrial Safety Managemen	2	10+2 System	20	0	1000 #	0	0	0	2	3
38	Human Resource Executive	2	SSC Pass	20	0	0	50	0	0	4	0
39	Marketing Executive	2	SSC Pass	20	0	0	50	0	0	4	0
40	Finance Executive	2	SSC Pass	20	0	0	50	0	0	4	0
41	Tourist Guide	2	SSC Pass	20	0	30	56	0	0	4	15
New Non –Engineering Trades introduced w.e.f. August, 2014											
42	Bamboo Works	2	SSC Pass	20	0	100	0	0	0	10	0
43	Milk & Milk Products	2	SSC Pass	20	30	96	0	0	0	6	0
44	Agro Proceesing	2	SSC Pass	20	30	96	0	0	0	6	0
45	Food Beverage	2	SSC Pass	20	30	96	0	0	0	6	0
46	Data Base System Assistant	2	SSC Pass	20	0	70	0	0	0	3.45	0
47	Software Testing Assistant	2	SSC Pass	20	0	70	0	0	0	3.45	0
48	House Keeper	2	SSC Pass	20	30	40	0	0	0	4.5	0

(\$) For 2 units in 1 shift

(**) Including Parking area

(***)Exclusive 10 Sq.mtr.dark room

(****) 100 sq.mtr.coverd & 250 sq.mtr. Open space

(#) 1000 for practical Trg. Area

(\$\$) Not Decided

1. Please see the Training Manual of Craftsman Training Scheme Published by Govt. of India (D.G.E.T., New Delhi) for checking the norms.Norms are also available on cstarikolkata.gov.in & dget.gov.in

2. Column no.13 shows the approximate cost of equipment, machinery required for that trade. These costs are of the year 2011-12. There may be a rise in the cost of machinery and equipments.