

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
<b>Engineering Trades</b>											
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
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

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					Class Room	Work shop	Computer lab	Class Room	Work shop	Computer lab	
1	2	3		5	6	7	8	10	11	12	13
<b>New Engineering Trades introduced w.c.f. August, 2014</b>											
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		(SS)			(SS)		0
64	Civil Engineer Assistant		SSC Pass	20		(SS)			(SS)		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
<b>Non-Engineering Trades</b>											
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	Health 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	Health, Safety & Environment	2	SSC Pass	20	0	1000 #	0	0	0	2	3
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

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					Class Room	Work shop	Computer lab	Class Room	Work shop	Computer lab	
1	2	3		5	6	7	8	10	11	12	13
<b>New Non –Engineering Trades introduced w.e.f. August, 2014</b>											
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 Processing	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

(\*) Including Parking area

(\$) For 2 units in 1 shift

(\*\*) Including Parking area

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

(\*\*\*\*) 100 sq.mtr. covered & 250 sq.mtr. Open space

(#) 1000 for practical Trg. Area

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](http://cstarikolkata.gov.in) & [dget.gov.in](http://dget.gov.in)

2. Column no.7 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.

(\$\$) Not Decided