

| 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 (Mechanical) | 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 | 130 | 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 |

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|--|--|-----------------------|---------------------|----------|------------------------------|---------|----|------------------------|--------|------|--|
| | | | | | | | | | | | |
| 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 |
| 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 | | 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 Ormentation Techniques (Embroidery) (Old Name Embroidery and Needle Work) | 2 | SSC Pass | 16 | 0 | 64 | 0 | 0 | 0 | 5 | 4 |

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|--|---|-----------------------|---------------------|----------|------------------------------|----------------|-----|------------------------|---|------|--|
| | | | | | | | | | | | |
| 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 |
| 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 |
| <p>(*) Including Parking area (\$) 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</p> <p>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. (\$\$) Not Decided</p> | | | | | | | | | | | |