

**SYLLABUS FOR ENGINEERING DRAWING
OF**

**MARINE FITTER
(SEMESTER PATTERN)**

**UNDER
CRAFTSMEN TRAINING SCHEME**

Re-Designed in - 2015

By

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Directorate General of Training

CENTRAL STAFF TRAINING AND RESEARCH INSTITUTE

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Syllabus of Engineering Drawing for 3rd Semester of Marine Fitter – Duration- 63 hours

Sl. No.	Engineering Drawing
1	Sectioning of simple solids Projection of simple solids (construction) conventional representations & sectioning.
2	MACHINE DRAWING Machine parts and assembly drawing Wall brackets (5 types), shaped blocks (5 types), CI blocks (5 nos.) Monkey for scribing block, split muff Coupling, Flanged coupling - two types
3	Object drawing – Free hand sketching of Workshop tools – marking, measuring, holding, cutting, striking tools

Syllabus of Engineering Drawing For 4th Semester of Marine Fitter – Duration 63 hours

Sl. No.	Engineering Drawing
1	MACHINE DRAWING Machine parts and assembly drawing Fork for hooks coupling, bushed bearing, bracket with split bearing, foot step bearing Open bearing, Plummer block, stepped pulley, pipe wise body, screw jack, stuffing box, Universal coupling, knuckle joint.
2	Object drawing and assembly drawing Piston, cylinder head Valves, Valve guide springs, rocker arm, injector, connecting rod, fuel pump, crank shaft, cross head, air starting valve Free hand sketching of Valves, cocks, cylinder relief valve, pumps, governor, Cylinder liner, Reverse reduction gears, clutch, lub. Oil circuit, Cooling system engine room layout, workshop layout.
3	Introduction to computer drafting Basics of CAD