

Engineering Workshop

Labs/EWS

List of Experiments:

TRADES FOR EXERCISES: At least two exercises from each trade:

- I. Carpentry – (T-Lap Joint, Dovetail Joint, Mortise & Tenon Joint).
- II. Fitting – (V-Fit, Dovetail Fit & Semi-circular fit).
- III. Tin-Smithy – (Square Tin, Rectangular Tray & Conical Funnel).
- IV. Foundry – (Preparation of Green Sand Mould using Single Piece and Split Pattern).
- V. Welding Practice – (Arc Welding & Gas Welding).
- VI. House-wiring – (Parallel & Series, Two-way Switch and Tube Light).
- VII. Black Smithy – (Round to Square, Fan Hook and S-Hook).

2. TRADES FOR DEMONSTRATION & EXPOSURE:

Plumbing, Machine Shop, Power tools used in Construction and Wood Working and Plastic Molding.