

ENGINEERING WORKSHOP

List of Experiments:

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

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

2. TRADES FOR DEMONSTRATION & EXPOSURE:

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