ENGINEERING WORKSHOP LABORATORY

LIST OF EQUIPMENT

1) **Bench vice**
2) **Carpentry vice**
3) **Arc welding machine**

Name of Equipment:	**Bench vice**



Specifications:	Size:5-Inch heavy duty

Experiments that can be conducted:

1) To Perform Square fitting operation.
2) To Perform Dove-Tail fitting operation.
3) To Perform Semi-circular fitting operation etc.

Name of Equipment:	Carpentry vice



Specifications:	Size:9-Inch

Experiments that can be conducted:

1) To Perform Cross lap wooden joint.
2) To Perform Mortise-tenon wooden joint.
3) To Perform Dove tail Joint etc.

Name of Equipment:	Arc welding machine



Specifications:	Input supply voltage: 230v Frequency: 50Hz Output current range: 50Amps-250Amps Electrode size: 2mm to 5mm Open circuit voltage: 55v-70v(approx.)

Experiments that can be conducted:

1) To perform Lap joint using Mild steel material.
2) To perform Butt joint using Mild steel material etc.