ENGINEERING WORKSHOP

Course Objectives:

- To make the students practice basic engineering trades and skills.
- To nurture the students, build various joints used in different trades for several applications.

Course Outcomes:

At the end of the Course, Student will be able to:

- 1. Construct the various wooden joints.
- 2. Develop various fitting joints.
- 3. Develop components for making the various sheet metal models.
- 4. Experiment with the various house wiring connections.

List of Experiments:

of Emperiments.				
S. No	Name of the Experiment		S. No	Name of the Experiment
Carpentry			Tin Smithy	
1	Cross Lap Joint		1	Taper Tray
2	Dovetail Joint		2	Funnel
3	T - Joint		3	Plain Pipe
House Wiring			Fitting	
1	Parallel Connection of three bulbs		1	Vee Fit
2	Series Connection of three bulbs		2	Square Fit

List of Augmented Experiments:

(Student can perform any one of the following experiments)

- 1. Stair Case wiring
- 2. Florescent Lamp Fitting

Reference Books:

- 1. Engineering Workshop by Dr. A. B. Srinivasa Rao, AMIGO Books.
- 2. Manual on Workshop practice by Dr. P.Kannaiah & Dr. K.L.Narayana, Scitech publications.