

**Subject Code : 110012**

## **Workshop**

**Objectives:** Exposure to Industrial environment, work culture, hand tools and general purpose machine.

Developing Creativity, Craft man skill, approach to work and Planning capability

### **Syllabus:**

**Demonstration** of Hand tools, Power tools, Machine tools, Processes, Materials, Marking, and Measurement in following shops: Carpentry, Pattern making, Foundry, Fitting, Smithy, Welding, Tin smithy, Plumbing, Machine shop and Electroplating.

**Making Jobs** in Fitting, Carpentry, Smithy, Tin smithy and Welding shops

**Journal is to be prepared** covering the topics of demonstration and Report about Process / Methodology / Inspection for making jobs.

### **Text Books & Reference Books:**

Choudhary, Hajara “ Elements of Workshop Technology”, Media Promoters & Publishers, 1997

Raghuvanshi B.S. “Workshop Technology” Vol. I & II, Dhanpat Rai & Sons  
1998

Chapman W.A. J and Arnold E. “Workshop Technology” Viva low priced  
Student edition, 1998