

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