

ME 225 Workshop - II (0-0-6-6)

Introduction to machine tools and machining processes; Types of cutting tools; Selection of cutting speeds and feed; Simple machining operations on lathe, shaping, slotting, milling and grinding machines; Modern trends in manufacturing, automation, NC/CNC, FMS, CAM and CIM.

Texts:

- [1] H. Choudhury, H. Choudhary and N. Roy, Elements of Workshop Technology, Vols. I and II, Media Promoters and Publishers Pvt. Ltd., 2007.
- [2] W. A. J. Chapman, Workshop Technology, Vol. 1 (2001), Vol 2 (2007), and Vol. 3 (1986), CBS Publishers.
- [3] H Gerling, All About Machine Tools, New Age International, 1995.