

## **MEE201 Workshop Technology - I (1+0+0 1 Units)**

- Elementary introduction to types and organisation of engineering workshop, covering jobbing, batch, mass production.
- Engineering materials: their uses and properties.
- Safety in workshop and general principles of working.
- Bench work and fitting: Hand tools, instruments.
- Carpentry: Hand tools and working principles. Joints and fastenings: bolt, rivet, welding, brazing, soldering. Measurement and marking: for uniformity, circulatory, concentricity, etc.
- Blacksmith: Hand tools and working principles. Joints and fastenings: Bolt, rivet, welding, brazing, soldering, measurement and marking: for uniformity, circulatory, concentricity, etc.
- Standard measuring tools used in workshop: Welding, brazing and soldering: Principles, classification, power source.
- General principles of working of standard metal cutting machine tools.
- Invited lectures from Professionals