

MANUFACTURING TECHNOLOGY LABORATORY



Laboratory	: Manufacturing Technology Lab
Laboratory In-charge	: Dr.S.Dhanabalan
Technical supporting staff	: Mr.P.Vasudevan
Area of the laboratory	: 27.4 X 12.5 Sq.M

Major Equipments:

- Centre lathe
- Surface grinding machine
- Cylindrical grinding machine
- Radial drilling machine
- Milling machine
- Slotting machine
- Shaping machine
- Microscope
- Planning machine
- Centreless grinding machine
- Gear hobbing
- Capstan and turret lathe
- Tool grinder

Major Experiments:

- Lathe-Facing, Plain and Step Turning
- Lathe-Taper turning using Compound rest & Knurling
- Assembly of Machined Components for different fits
- Tool wear
- Round to square in Shaper
- Keyway cutting in Slotter
- Gear Making in Milling Machine
- Drilling, reaming, tapping in Drilling Machine
- Prepare good surface finish on flat metal and circular metal