

MANUFACTURING TECHNOLOGY LABORATORY-I

Laboratory In-charge : N. Parkunam

Technical supporting staff : K. Ashokan



Manufacturing Technology Laboratory I

Area of the Laboratory: $32\text{m} \times 9.45\text{m} = 302.4 \text{ Sq.m}$

Major Equipment:

- Center lathe (4-1/2 feet with accessories)
- Horizontal Milling Machine
- Vertical Milling Machine
- Shaper machine
- Horizontal Milling Machine
- Drilling Tool Dynamometer

Major Experiments:

- Taper Turning
- External Thread cutting
- Internal Thread Cutting
- Eccentric Turning
- Knurling
- Square Head Shaping
- Hexagonal Head Shaping

Utilization of the laboratory:

- For second year students for making turning operation.
- For Design and fabrication lab