

10 ME 22 P PRODUCTION ENGG LAB
II B.Tech II Semester

(with effect from the academic year 2011-2012)

Periods/week: 3
University Exam :3 Hrs

Credits: 2
Sessional Marks: 40
End Examination Marks: 60

*(Any **Eight** or more of the following experiments will be given)*

LIST OF EXPERIMENTS:

LATHE

- Model 1:** Step Turning
- Model 2:** Taper Turning with Knurling
- Model 3:** V Threading

SHAPER

- Model 4:** Making Square prism on Shaper
- Model 5:** Slot Cutting with Shaping Machine

MILLING MACHINE

- Model 6:** Rectangular Slot Cutting on Vertical Milling Machine
- Model 7:** Hexagonal Cutting on Horizontal Milling Machine
- Model 8:** Spur Gear cutting on Milling

THREADING

- Model 9:** Square Threading
- Model 10:** Double Start V Threading

- Model 11:** Drilling and Tapping
- Model 12:** Joining of Two Metal Work Pieces with Arc Welding or Gas Welding

- Model 13: Pattern Making Related Moulding**

Sand testing and analysis

Casting simple component