

**DEPARTMENT OF MECHANICAL ENGINEERING**

**Name of the Lab : WORKSHOP**

**Manufacturing Technology Laboratory - II**

**ME8462 (II Year - IV Semester)**

**Regulations: R17**

**List of experiments recommended as per Anna University**

1. Contour milling using vertical milling machine
2. Spur gear cutting in milling machine
3. Helical Gear Cutting in milling machine
4. Gear generation in hobbing machine
5. Gear generation in gear shaping machine
6. Plain Surface grinding
7. Cylindrical grinding
8. Tool angle grinding with tool and Cutter Grinder
9. Measurement of cutting forces in Milling / Turning Process
10. CNC Part Programming

**List of experiments beyond the syllabus**

1. Internal keyway cutting in Slotter machine
2. Round to square in Planner machine

**Estd - 2001**