

**DEPARTMENT OF MECHANICAL ENGINEERING**

**Name of the Lab : WORKSHOP**

**Manufacturing Technology Laboratory - I**

**ME8361 (II Year - III Semester)**

**Regulations: R17**

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

1. Taper Turning
2. External Thread cutting
3. Internal Thread Cutting
4. Eccentric Turning
5. Knurling
6. Square Head Shaping
7. Hexagonal Head Shaping
8. Fabrication of simple structural shapes using Gas Metal Arc Welding
9. Joining of plates and pipes using Gas Metal Arc Welding/ Arc Welding /Submerged arc welding
10. Preparation of green sand moulds
11. Manufacturing of simple sheet metal components using shearing and bending operations.
12. Manufacturing of sheet metal components using metal spinning on a lathe

**List of experiments beyond the Syllabus**

1. Injection moulding demonstration

**Estd - 2001**