

# WORKSHOP

The workshop facility provides opportunities to students to learn and practice different manufacturing processes. The state of the art facilities available in workshop are Machine shop, Sheet metal shop, Carpentry shop, Fitting shop, Foundry and Welding Shop. Students are allowed to operate various machines and manufacture components for their project work. The workshop extends its support to faculty members and students in various technical and non-technical events i.e. SAE BAJA, ROBOCON, SPECRTUM etc. organized at state and national levels. Workshop has following Equipment:

**Machine Shop** (1. Shaping Machine, 2. Radial Drilling Machine, 3. Pillar Drilling Machine, 4. Hydraulic Surface Grinding Machine, 5. Center Lathe Machine (06 Nos.), 6. Capstan Lathe Machine, 7. Slotting Machine, 8. Lathe Machine, 9. Cylindrical Grinding Machine, 10. Universal Milling Machine)

**Sheet Metal Shop** (1. Hydraulic Pipe Bending Machine, 2. Hand Shearing Machine, 3. Cut off Machine, 4. Hand operated Fly Press (Wheel Type), 5. Power Press (10T Capacity), 6. Hand Press, 7. Shearing Machine, 8. Power operated Roller Bending Machine)

**Welding Shop** (1. Power Hacksaw Machine, 2. Spot Welding Machine, 3. Gas welding Set, 4. Pedestal Grinder, 5. A. C. Arc Welding Machines (Air Cooled & Oil Cooled), 6. D.C. Arc Welding Machine, 7. TIG Welding Console with water cooling system, 8. Plasma H. F. Console for SS/Argon Arc Welding with water cooling., 9. SAW Welding Machine, ,10. Portable Type Straight Cutting Machine)

**Carpentry Shop & Smithy/Foundry Shop** (1. Wood Turning Lathe, 2. Surface Planner Cum Circular Saw, 3. Centrifugal Air Blower, 4. Universal Strength Machine, 5. Sand Rammer, 6. Permeability Meter, 7. Sieve Shaker, 8. Sand Muller (5 Kg Capacity))

MECHANICAL ENGINEERING DEPARTMENT

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