



**Strength of Materials Laboratory**

**Laboratory In-charge**

**:Dr. M. Ravichandran.**

**Technical supporting staff**

**: K. VelMurugan.**





**Major Equipments:**

1. Microscope (Binocular).
2. Deflection Test Apparatus.
3. Muffle Furnace ( 800°C).
4. Jominy Fixture & End Quench Apparatus.
5. Brinell Hardness Tester Hydraulic (1E-D-3000 CH).
6. Rockwell Hardness Tester Mechanical(1E-RAS).
7. Hand Operated Spring Testing Machine (1E-Set-H-2500N).
8. Analog Torsion Testing Machine (TT-6-60Nm).
9. Impact Testing Machine (1E-IT-30-LW).
10. Universal Testing Machine, Mechanical Extension & Shear Test Attachment (400TUN, 5-20mm Diameter).
11. Strain Measurement Trainer Module (using Roselt strain gauge).