

**K.RAMAKRISHNAN COLLEGE OF ENGINEERING** (Approved by AICTE & Affiliated to Anna University)Tiruchirappalli – 621 112 Accredited by NAAC with 'A' Grade- ISO 9001: 2015 Certified Institution

**Strength of Materials Laboratory** 

Laboratory In-charge	:Dr. M
Technical supporting staff	<b>:</b> K. V

Dr. M. Ravichandran. K. VelMurugan.







## **Major Equipments:**

- 1. Microscope (Binocular).
- 2. Deflection Test Apparatus.
- 3. Muffle Furnace ( 800°C).
- 4. Jominy Fixture & End Quench Apparatus.
- 5. BrinellHardness 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).