

MATERIALS LAB

EXPERIMENTS

- **Compression test**
- **Tensile test**
- **Torsion test**
- **Hardness test**

The lab session is designed to give the students hands-on experience with the equipment, methods, and procedures of materials testing. This lab deals with material testing, in order to give some help in acquiring the overall picture for mechanical engineering materials behavior and property under testing. For each test a brief treatment of the fundamentals included is well understood. The practical issue of each test will be fully discussed to yield the goal of this lab at high level of standards

Major Equipment

- Compression Testing Machine
- Tensile Testing Machine
- Hydraulic Universal Testing Machine
- Torsion Testing Machine
- Hardness Testing Machine

