

1. Solid Mechanics Laboratory



Major Equipments:

- Universal Testing Machine (UTE - 40) 400 KN.
- Brinell cum Rockwell Hardness Tester.
- Izod Charpy Impact Tester.
- Fatigue Testing Machine.

Experiment List:

- Tension test on Structural Materials: Mild Steel and Tor steel (HYSD bars).
- Compression Test on Structural Materials: Timber, bricks and concrete cubes.
- Bending Test on Mild Steel.
- Torsion Test on Mild Steel Circular Bar.
- Hardness Tests on Ferrous and Non-Ferrous Metals: Brinell and Rockwell Tests.
- Impact Test: Izod and Charpy.
- Demonstration of Fatigue Test.