

MECHANICAL MEASUREMENTS

Metrology is a 'Science of Measurement'. Metrology is mainly concerned with the following aspects

- Unit of measurement and their standards.
- Errors of measurement.
- Changing the units in the form of standards.
- Ensuring the uniformity of measurements.
- New methods of measurement developing.
- Analyzing new methods and their accuracy.
- Establishing uncertainty of measurement.
- Gauges designing, manufacturing and testing.

The facilities available in laboratory:

1. Dead Weight Tester
2. Stroboscope
3. Digital and Mechanical Tachometer
4. Centrifugal Blower Test Rig
5. Strain gauge
6. Sound level meter
7. Lux meter
8. Temp. measuring devices
9. Redwood viscometer
10. Flash and fire point Apparatus
11. Gas Calorimeter