## ENGINEERING METROLOGY LABORATORY

In science and engineering, objects of interest have to be characterized by measurement and testing. Measurement is the process of experimentally obtaining quantity values that can reasonably be attributed to a property of a body or substance.

Metrology is the science of measurement; it is a fine avenue for discussing accuracy, error, and calibration.

Testing is the technical procedure consisting of the determination of characteristics of a given object or process, in accordance with a specified method In metrology (the science of measurement), a standard is an object, system, or experiment that bears a defined relationship to a unit of measurement of a physical quantity.

The laboratory has the following equipments:

- Tool makers Microscope
- Sine Bars
- Universal Bevel Protractor
- Profile Projector
- Optical Flats & Specimen set
- Outside micrometer
- Inside micrometer
- Micrometer Depth Gauge
- Slip Gauge, Plug Gauge, Ring Gauge, Snap Gauge, Taper plug Gauge.





