

One Day Workshop

on

AWARENESS OF MEASURING INSTRUMENTS

15th October, 2019



CONVENER

Dr.N.M.Bhatt

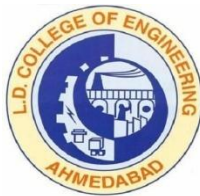
Coordinator

Prof. A.G.Momin

Mechanical Department

L.D.C.E, Ahmedabad.

ORGANIZED BY



DEPARTMENT OF MECHANICAL ENGINEERING

L. D. COLLEGE OF ENGINEERING

AHMEDABAD-GUJARAT, INDIA

www.ldce.ac.in

OBJECTIVES:

The main objectives of this one day workshop is to increase a awareness of measuring instruments which are regularly used in industries as well as will be helpful for final years project works.

ABOUT WORKSHOP

Schedule will be half day theory & half day Practical.

In theory, will discuss about the following aspects

- 1) Importance of Measurement in the Various Industries.
- 2) Various Types & Units of Measurement.
- 3) Difference between Least count & Accuracy.
- 4) Importance of Calibration.
- 5) Importance of QA & QC department in a company.
- 6) Digital Metrology.
- 7) In process measurement systems.
- 8) Error Compensation.

Instruments which are regularly used in the running industries will be explored during Practical Session.

Likes: Vernier calliper, Micrometer, Height Gauge, Bore gauge, Dial Indicator, Radius Gauge, Angle Gauge, Pitch Gauge, Infrared Thermometer Bevel Protector, Edge Finder, Hardness tester, Ultrasonic Thickness Gauge, Coating Thickness Gauge, Endoscope

Circumference Tape, Laser Distance Meter

Laser Level, Digital Level, Torque Wrench

Roughness Tester, Force Gauge, Sine Bar, Telescopic Gauge. Thread Plug & Ring Gauge., on Contact Techometer, Measure tape cum laser distance meter, Sound level meter, Lux Meter.

Eligibility Criteria

Pre-Final and Final Year students of Mechanical and Automobile Department of LDCE, Ahmedabad.

MECHANICAL ENGINEERING DEPARTMENT (MED)

MED offers B.E. in Mechanical & Automobile Engineering and M.E in CAD/CAM, Cryogenics and IC/Automobile Engineering. The department has highly qualified faculty members, state of the art laboratories and infrastructures. Under Siemens center of excellence (CoE) various state of the art laboratory facilities are available such as for Rapid Prototyping (RP) lab, CIM Lab, Process Instrumentation lab, MCMT lab, Automation Lab., Mechatronics Lab., Product design & validation Lab. and Advanced Mfg. Lab. Apart from this Govt. of Gujarat approved CoE of Welding Technology has also been established. The department organizes customized training/workshops for faculties/PG students and industry personnel on regular basis.

Program associated with



Acro Enterprise, Ahmedabad

Acro enterprise , Ahmedabad - Reprintative person : Soham Gondliya-8905323793

5 faculties and 60 students has been take a benefits of this organized one day workshop.

Glimpse



Inaugural session started by Prof. A.G.Momin



Hands on practice session



Hands on practice session