INSTITUTE FOR DESIGN OF ELECTRICAL MEASURING INSTRUMENTS, MUMBAI

WORKSHOP ON DIMENSIONAL METROLOGY

DURATION	Two Days
TIMINGS	10.00 a.m. to 5.00 p.m. daily
VENUE	IDEMI, Mumbai
FEE/PARTICIPANT	Rs. 5515/- (including Service Tax)
INTAKE CAPACITY	20 participants

WHO SHOULD ATTEND

The Engineers / Technicians who are responsible for quality assurance of the mechanical products, technical personnel involved in incoming inspection of materials & persons engaged in all type of Mechanical Measurements should attend this program

WHY SHOULD YOU ATTEND

To understand basic concepts involved in Dimensional Metrology, to know how concept of uncertainty in measurement and how choices of environment, equipment, standards and procedures affect the quality of the calibration. To prepare oneself in designing of calibration system and Standard Format for reporting the sources of uncertainty

WHAT THE PROGRAM CONTAINS

Introduction to Metrology and terms used in Metrology concept of Calibration & Calibration Philosophy Standards & Traceability.

Concept of Uncertainty in measurement and how choice of environment, equipment Standards and Procedures affect the quality of the calibration.

Calibration of Common Equipments of Dimensional Metrology like

1. Vernier Calipers
2. Micrometer
3. Bevel Protractors
4. Dial Indicators

5. Height Gauges
6. Feeler Gauge
7. Steel Scale
8. Steel Tape
9. CMM

FACULTY

The faculty will be drawn from highly experienced mechanical engineers

Working in reputed laboratories and from IDEMI well versed in Dimensional Measurements Calibration Techniques & NABL requirements

Certificate of participation will be issued to each participant