A Course on
CALIBRATION TECHNIQUES FOR ELECTRICAL, TEMPERATURE & PRESSURE PARAMETERS (3 Days)

SCOPE:
Calibration plays a vital role for establishing valid traceability for both products and the processes. Indian Industries opting for ISO 9000 accreditation are required to establish a Quality System. Quality System requirement and also the demand for export, have made “CALIBRATION” a very important aspect to the Industries.

This Course aims at developing skilled technicians/engineers who will be responsible for calibration and establishing traceability and upgradation of the same. On completion of this course, the trainees will be able to handle better day-to-day calibration jobs of Electrical parameters. They will also be acquiring knowledge for establishing calibration set-up both in terms of Hardware and Documentation. Higher stress will be laid on practical skill development with requisite theoretical backup.

The key topics are:
- Basic concepts of Calibration Measurement units & related standards & its Traceability.
- Metrology terms & definitions (Accuracy Stability, Sensitivity, Resolution, Precision etc.)
- Errors & Uncertainty-statistical approach Type A & Type B Uncertainty.
- DC /AC Calibration Techniques.
- Calibration of: Ammeters, Voltmeters, Digital Meters, Oscilloscopes.
- Basics of Transducers in Instrumentation Systems.
- Measurement & Calibration by Temperature sensors like Thermocouple,
- RTDS, NTCS & Rational Pyrometer.
- Pressure Transducers & their Calibration.

WHO SHOULD ATTEND:
Technicians / Supervisors / Engineers involved in Testing, Measurement / Calibration activities.

COURSE FEE:
Rs. 8000/- + 18% GST, deposit in “BHARAT KOSH” in advance and send the scanned copy of receipt for confirmation. ‘NO deduction of Tax at Source (TDS) is to be made from any sums payable. ETDC, Pune is exempted from TDS (IT) under section 196 of IT Act being a purely central government organisation.’

VENUE: CETE PMC Building, 3rd & 4th floor, Swapnashilpa Premises, Kothrud, Pune – 411 038
COURSE TIMINGS: 10.00 a.m. to 5.00 p.m. each day

NOTE: Please bring scientific calculator for exercise.

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