



ELECTRONICS TEST & DEVELOPMENT CENTRE, Pune
(Training Section, formerly CETE)

STQC Directorate, Ministry of Electronics & Information Technology,
Government of India,
Agriculture College Campus, Shivajinagar, Pune 411005

Training course on

MEASUREMENT UNCERTAINTY

Scope: Laboratories seeking accreditation / accredited for ISO/IEC 17025 require to establish a measurement system. It requires proper documentation with measurement results with statement of Uncertainty at a defined confidence level. As per National / International norms, no measurement result is complete without the statement of uncertainty.

This course aims at understanding the uncertainty concept & its application in measurement. After attending this course, participants will be in a position to calculate Measurement Uncertainty in their day to day measurements work and interpret results.

WHO SHOULD ATTEND THIS COURSE:

Technicians / Supervisors / Engineers involved in testing, measurement / calibration / QA activities in industry and service organizations. Background of ISO/IEC 17025 is desirable.

TOPICS:

- ISO Guide 98-3 (GUM)
- Fundamentals & terminology
- Practical approach to estimation of measurement uncertainty
- Reporting methodology.
- Type A & Type B methods, mathematical treatment & interpretation.
- Case studies/examples.

BENEFITS:

On completion of the course the participants will be able to:

- Understand the procedure for evaluating uncertainty in measurements.
- Reporting measurement uncertainty.

FEES: Rs. 3,000/- per participant + 18% GST, (TDS not applicable). It includes course material. Fees are to be paid through BharatKosh Only. Instructions to pay will be sent upon enquiry.

VENUE: On-line course. *Link will be sent to confirmed participants* after receipt of payment

COURSE DURATION & TIMING: 1 day; from 10.00 a.m. to 5.00 p.m.

COURSE CERTIFICATION: "Certificate of Participation" is issued to all participants who complete the course.

For further details / registration contact: E-mail: cetepu@stqc.gov.in/etdcpu@stqc.gov.in

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