



Evaluation of Measurement Uncertainty (Electro-Mechanical Parameters)

Objectives

- Understand Measurement Uncertainty Terminology
- Understand the requirements of ISO/IEC 17025:2017 w.r.t. Measurement Uncertainty. Accreditation Bodies, Regional Body's and ILAC policy on reporting Measurement Uncertainty by test and calibration laboratories.
- Understand the methodology of evaluation and expression of Measurement Uncertainty.
- Evaluate & Express Measurement Uncertainty using live examples from Laboratories.

Duration

Three days (3 Days)

Eligibility Criteria

To get better understanding of Measurement Uncertainty evaluation and reporting, the participants are desired to:

- have working experience of Test/Calibration Laboratory
- have Knowledge of relevant clauses ISO/IEC17025 w.r.t. Measurement Uncertainty

Course Contents

- Based upon ISO Guide 98-3
- Terminology used in Uncertainty Calculations
- The basic process from specification of the measurement model through to evaluation of the final figure of measurement uncertainty
- Practical approach to calculation of measurement uncertainty
- Reporting Methodology : ILAC, APLAC and Accreditation Body's Policy on evaluation and reporting of Measurement Uncertainty

Methodology

Training course deploys accelerated learning techniques through:

- Interactions
- Individual / Group Exercises

Benefits

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

- Understand the terminology required for evaluating uncertainty in measurements.
- Evaluate and report measurement uncertainty.

Course Certification

“Certificate of Participation” is issued to all delegates who complete the course.