

## **Course: PECB Certified ISO/IEC 17025 Lead Implementer**

### ***Course Content:***

- Introduction to ISO/IEC 17025 and initiation of a LMS
  - Course objective and structure
  - Standard and regulatory framework
  - Laboratory Management System
  - Basic Concepts in Testing and Calibration
  - Initiating the LMS implementation
  - Understanding the organization and clarifying the objectives
  - Analysis of the existing system
  
- Plan the implementation of a LMS
  - Leadership and approval of the LMS project
  - LMS scope
  - Laboratory policies
  - Definition of the organizational structure
  - Definition of the document management process
  
- Implementation of a LMS
  - Design of controls and drafting of specific policies & procedures
  - Communication plan
  - Training and awareness plan
  - Resource Management
  - Customer Management
  - Operations Management
  
- LMS monitoring, measurement, continuous improvement and preparation for accreditation
  - Monitoring, Analysis, and Evaluation
  - Internal Audit
  - Management Review
  - Treatment of problems and nonconformities
  - Continual improvement
  - Preparing for the accreditation
  - Competence and evaluation of implementers
  - Closing the training