

PECB Certified ISO/IEC 17025 Lead Implementer Course

Course Duration: 32 Hrs.

Course Code: ISO17025-LI

Course Overview

The PECB Certified ISO/IEC 17025 Lead Implementer Course is designed to provide participants with the expertise to establish, implement, manage, and maintain a laboratory management system in compliance with ISO/IEC 17025 requirements. The course focuses on both technical and managerial aspects, enabling participants to ensure competence, impartiality, and consistent operation of laboratories while driving continual improvement.

What you'll learn?

Participants learn how to interpret and apply ISO/IEC 17025 requirements in practice, design and implement laboratory policies and procedures, manage risks, and ensure technical competence. They will gain the skills to lead implementation projects, monitor performance, address nonconformities, and prepare laboratories for accreditation.

Target Audience

This course is intended for laboratory managers, quality managers, technical supervisors, consultants, and professionals responsible for developing, implementing, or maintaining laboratory management systems. It is also suitable for individuals seeking to become certified ISO/IEC 17025 Lead Implementers.

Pre-Requisites

Participants are recommended to have a basic understanding of laboratory practices, quality management, or ISO standards. Prior knowledge of ISO/IEC 17025 requirements or auditing principles is beneficial but not mandatory.

Course Content

Module 1: Introduction to ISO/IEC 17025 and laboratory management principles

Module 2: Understanding the structure and requirements of ISO/IEC 17025

Module 3: Planning and initiating the implementation of a laboratory management system

Module 4: Developing laboratory policies, procedures, and documentation

Module 5: Risk management, technical competence, and impartiality in laboratories

Module 6: Monitoring, measurement, and continual improvement of laboratory processes

Module 7: Preparing for internal audits, management reviews, and accreditation

Module 8: Practical exercises, case studies, and certification preparation