



ENGINEERING STAFF COLLEGE OF INDIA



Autonomous Organ of The Institution of Engineers (India)
(IMS [ISO 9001:2015, ISO 14001:2015, ISO 50001:2018, ISO 45001:2018],
ISO/IEC 17025:2017 Certified, AICTE & CEA Recognized Institution)
Old Bombay Road, Gachibowli, Hyderabad – 500 032. Telangana, India

Quality & Productivity Division

Continuing Professional Development Programme on

Laboratory Management System and NABL Accreditation as per ISO/IEC 17025:2017: Awareness, Implementation and Internal Auditor Training

Dates: 12 – 15 October 2026
at ESCI Campus, Hyderabad

INTRODUCTION

Acceptance of validated test results is an important requirement in national / international business scenario. This can happen only when proper validation of the test results is done. This process of validation establishes confidence in customers regarding the products; more so when the testing and calibrating laboratories have been accredited by the recognized bodies.

As part of accreditation, a Laboratory's Quality Management System is thoroughly evaluated on a regular basis to ensure continued technical competence and compliance with the standard. To achieve this objective, laboratory accreditation based on ISO/IEC 17025: 2005 - General Requirements for the Competence of Testing and Calibration Laboratories, is an accepted norm world over.

In India, NABL (National Accreditation Board for Testing and Calibration Laboratories) controls the laboratory accreditation based on ISO / IEC 17025:2017.

OBJECTIVES

Upon completion of this programme, participants will be able to:

- Understand the need for validation of test results.
- Enable to interpret ISO/IEC 17025:2005 requirements.
- Improve confidence in test results.
- Increases confidence in personnel performing this testing / calibration accordance with International Standards
- To qualify participant to work as Laboratory Quality Manager.
- To enable participants to develop system documentation as per standard and implement the same effectively.

COURSE COVERAGE

The following course content will be detailed during the training programme:

- Introduction to NABL Accreditation
- Need for Validation of Test Results
- ISO / IEC 17025: 2017 (Updated Version) Standard Requirements
- NABL Specific Criteria for Laboratories Accreditation
- Documentation Requirements (Structuring & Developing Laboratory Documents, Quality Manuals, Procedure & SOP and Forms & Formats etc.)
- Effective Implementation of ISO / IEC 17025: 2017

BENEFITS TO THE PARTICIPANTS

- Enhances the Competency of Laboratory personnel
- Facilitates establishment of sound Laboratory Management System
- Helps in understanding & Interpreting ISO/IEC 17025: 2017
- Provides international recognition to laboratories
- Increases accuracy in test results
- Enhances customer confidence & satisfaction
- Reduces waste, thus saves costs
- Quality Control in Testing/Internal Audit Process
- Measurement of Uncertainty
- Exercises and Case Studies

METHODOLOGY

Methodology of the programme includes class room Sessions with Lecture/discussion with audio visual aid, bench marked practices if any, video shows, Chalk & Talk sessions, group discussions, case studies, debates, sharing of experiences, etc. All the sessions will be interactive demanding active participation from all the members. Case Method of Instructions will be the main method of knowledge facilitation.

TARGET PARTICIPANTS

Personnel working in Testing Laboratories (Biological, Chemical, Electrical, Electronics, Fluid- Flow, Mechanical, Non-Destructive, Photometry, Radiological, Clinical, Forensic Science, Food, Pharmaceuticals, Meter & Relay Testing (MRT), Transformer, Metallurgical, Electrical Motor etc., Legal Metrology, Technical Educational Institutions and all Calibration Laboratories. The Course is highly useful to Technical Officers, Lab personnel, QA / QC personnel, Contract & Procurement Managers involved in Laboratory Operations.

EXPERT FACULTY

The faculty consists of experts from industry, Entrepreneur and academia, besides that from ESCI. Specialists with extensive experience in ISO 17025: 2017 auditing will share the sessions.

PROGRAMME DIRECTOR

Dr. KATTI BHARATH, *M.Tech, Ph.D (NIT-Warangal)*
Faculty & Course coordinator
Quality & Productivity Division
Engineering Staff College of India
Mob: 7097282619 / Ph: 040-66304105
Email: qp@escihyd.org

PROGRAMME OFFICER

Ms. VAISHNAVI
Quality & Productivity Division
Engineering Staff College of India
Old Bombay Road, Gachibowli, Hyderabad - 500032
Mob: 7671825426 / Ph: 040-66304110

PROGRAMME DATES & TIMINGS

Dates: 12 – 15 October 2026

Timings : On the first day, Registration will commence at **09:30 Hrs**. On all other days the programme timings will be from **09:45-17:15 Hrs** with breaks in between for tea & snacks.

COURSE FEE:

RESIDENTIAL: Rs. 22,000/- (Rupees Twenty Two Thousand only) per Participant + GST@18% Extra. Fee includes, course material, course kit, twin-sharing/single AC accommodation as per availability, breakfast, lunch, dinner, tea / coffee and snacks during the actual days of training programme.

NON- RESIDENTIAL: Rs. 19,800/- (Rupees Nineteen Thousand Eight Hundred only) per Participant. Fee includes, course material, course kit, lunch, tea / coffee and snacks during the actual days of training programme

Online: WebEx platform.

Rs. 14,000 /- (Rupees Ten Thousand & Five Hundred only) per participant + GST@18% Extra.

TRAINING FEE PAYMENT OPTION:

PAN Card No AAATT3439Q; GST No. 36AAATT3439Q1ZV. H.S. No. 999293 (Under commercial training

or coaching services – clause 65(105) (ZZC) of Finance act – 1994).

Programme fee is to be paid in in favor of **“THE INSTITUTION OF ENGINEERS (INDIA) – ENGINEERING STAFF COLLEGE OF INDIA”** in the form of demand draft payable at Hyderabad. Alternatively, the payment may be made by Electronic Fund Transfer (EFT) to ESCI – SB A/c No. 912010049234564 with Axis Bank Ltd., Gachibowli branch, Old Mumbai Highway, Cyberhills Colony, P Janardhan Reddy Nagar, Gachibowli, Hyderabad – 500032, T.S., by NEFT/ RTGS/ IFSC Code No. UTIB0000733 – MICR No.500211020. While using EFT method of payment, please ensure to communicate us your company name, our Invoice reference and programme title.

CERTIFICATION

A Certificate of participation will be awarded to each participant on conclusion of the programme.

REGISTRATION

To register, manually please send your nominations giving details of name, designation, contact address, email address, mobile no, telephone and fax number of the participant along with the details of mode of payment of fee, addressed to: Email: **qp@escihyd.org**

GENERAL INSTRUCTIONS

- ESCI encourages participants to present case studies from their respective organizations.
- ESCI provides complimentary accommodation and boarding to the participants one day before commencement (Check-in 1200 h) and one day after conclusion (Check-out 1200 h) of the programme duration. Overstay charges will be applicable as per ESCI rules (subject to availability of accommodation).
- Well-developed Information Centre and Internet facilities are available to the participants free of cost.