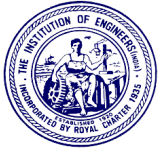# Engineering Staff College of India

Autonomous Organ of The Institution of Engineers (India)

Old Bombay Road, Gachi Bowli, Hyderabad – 500 032, T.S, India

Quality & Productivity Division

Certification Program on

Laboratory Management System Awareness & Internal Auditing

(As per ISO/IEC 17025:2017 &NABL Requirements)

Updated Version

27– 30 August, 2018

(An ISO 9001:2015 Certified, AICTE & CEA Recognized Institution)

Centre for Promotion of Professional Excellence

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

- 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 these 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.

COVERAGE

- 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

- 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

The programme will be conducted in an interactive environment providing greater scope for discussions. Emphasis will be on a highly participative style of learning through Lectures, Group discussions, Case Studies and hands-on exercises.

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.

CERTIFICATE

On successful completion of continuous assessment during the course and also the written examination on the last day of the course, the participants will be awarded a certificate by ESCI.

FACULTY

Specialists with extensive experience in ISO 17025: 2017 auditing will share the sessions.

COURSE ADVISOR
Shri S.K. Verma, Chief Mentor - Engineering Staff College of India.

COURSE DIRECTOR
Shri D. Sheshadri: Head - Quality & Productivity Division, ESCI

PROGRAMME SCHEDULE

Venue: Engineering Staff College of India (ESCI) Campus, Old Bombay Road,
Gachi Bowli, Hyderabad – 500 032, TELANGANA STATE, India.

Duration: 27–30 August, 2018 (4 Days)

Timings: On the first day Registration will commence at 0900 hrs. On all other days the program timings will be from 0945-1715 hrs with breaks in between for tea & lunch.

COURSE FEE

Rs.22,000/-(Residential) + 18% GST per participant. 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 program.

DISCOUNTS

☐ **Non-Residential Fee: 10% discount on course fee is allowed for non-residential participants.**

☐ **Group Discount: Additional 10% discount for three or more participants, if sponsored by the same organization. (All Discounts are applicable only if fee is received at ESCI before commencement of the program)**

GST is to be paid extra over and above the training fee, as training is also brought under the purview of GST

PAN Card No: AAATT3439Q;

GSTIN: 36AAATT3439Q1ZV

MODE OF PAYMENT

Program fee is to be paid in favour of **"IE(I)-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 program title.

REGISTRATION

Online registration shall be available on ESCI website.

To register manually please send your nominations giving details of name, designation, contact address, email address, mobiles no, telephone and fax number of the participant along with the details of mode of payment of fee and addressed to:

The Head
Quality & Productivity Division
Engineering Staff College of India
Gachi Bowli, Hyderabad – 500 032
Phone: 040 - 23000465 / 23000466 Ext. 4108, 4109, 4110, 4132, 4133
Mobile:9866114616
Direct Phones : 040 – 66304108, 4109, 110, 132, 133   Fax : 040 - 30995226
Email: qp@escihyd.org, Website: www.escihyd.org

GENERAL INFORMATION

- ESCI encourages participants to present case studies from their respective organizations.

- For the convenience of outstation participants, ESCI will facilitate pick-up and drop from Airport / Railway Stations / Bus Stations, if travel plans are received at least 3 days in advance along with mobile number by fax or email. The charges shall be paid by the participant directly to the Cab.

- ESCI provides complimentary accommodation and boarding to the participants one day before commencement (Check-in at 1200 hrs.) and one day after conclusion (Check-out at 1200 hrs.) 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.