



## ***Certification Program***

# Awareness on **‘Laboratory Management System & Internal Auditing’**

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

**21 – 24 Nov, 2023**

## **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 17025:2017 - 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 17025:2017 requirements.
- Increase confidence in personnel performing these testing and calibrations in accordance with International Standards.
- Enable participants to develop system documentation as per the standard and implement the same effectively.

## **Coverage**

- Introduction to NABL Accreditation.

- ISO / IEC 17025 : 2017 Standard Requirements.
- Terms & Definitions.
- Documentation Requirements.
- ISO 19011 : 2018 Auditing Management System.
- Need for Validation of Test Results
- Exercises and Case Studies.

## Benefits

- Enhances the Competency of Laboratory personnel
- Facilitates establishment of sound Laboratory Management System
- Helps in understanding and Interpreting clauses ISO/IEC 17025:2017
- Provides International recognition to laboratories
- Ensure validity of results
- Enhances customer confidence and satisfaction

## Target Participants

Personnel working in Testing & Calibration 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. The Course is highly useful to Technical Officers, Lab personnel, QA / QC personnel, Contract & Procurement Managers and others involved in Laboratory Operations.

## Methodology

The program 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.

## Faculty

Specialists with rich and wide experience in ISO 17025: 2017 implementation and auditing will handle the sessions.

Experts associated with Quality Council of India (QCI) and NABL will support the program.

## Certificate

On successful performance in continuous assessment during the course and also the written examination on the last day of the course, the participants will be awarded a Successful Certificate by NAC.

## Course Director

Sri. D. Sheshadri, Director, EDP Trainings, NAC

## Program Schedule

**Venue: Virtual and/or Off-line** at NAC Campus, Hyderabad-500084

**Date/Duration:**  
21 – 24 Nov, 2023,

**Timings: 10:00 – 17:00 Hrs.** with breaks in between for tea and lunch.

## Course Fee

1. **Virtual : Rs.10,000/- + 18% GST per participant.** Fee includes course material.
2. **Off-line : Rs.15,000/- + 18% GST per participant.** Fee includes course material, course kit, lunch, tea / coffee and snacks during the actual days of training program.

## Mode of Payment

Program fee may be made by Electronic Fund Transfer (EFT) to **DG, NATIONAL ACADEMY OF CONSTRUCTION – HYDERABAD - SB A/c No. 62422229281** with **SBI, MADHAPUR- 500 081, IFSC Code SBIN0021162, GST No. 36AAAAN0794M1Z8.**

Please ensure to communicate us your company name, our invoice reference and program title.

## Registration

To register please send your nominations giving details of name, designation, contact address, email address, mobile number, telephone and fax number of the participant along with the details of mode of payment of fee and addressed to:

### The Director EDP Trainings

NAC Campus, Cyberabad, Kothaguda (P), Hyderabad-500084, Telangana.

**Direct Ph.:** (040) 23110839,

**Fax :-** (040) 23111997,

**Mobile:** 9866114616.

**Email:** [sheshadri@nac.edu.in](mailto:sheshadri@nac.edu.in)

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**Website:** [www.https://nac.edu.in](https://nac.edu.in)

**National Academy of Construction (NAC)** was established on the joint initiative of construction industry and State Government in the year 1998 as a “Society” and incorporated as “Public Charitable” institution. It is managed by a Governing board with the Hon’ble Chief Minister as Chairman and Hon’ble Minister for Roads and Building, the Chief Secretary of Telangana State as Vice Chairman.

NAC Headquarters is located in 46.46 acres of green campus in the IT Corridor in Hyderabad, Telangana. It has 2 Advanced Training Institutes at Hyderabad, Jagityal and several centres in the districts across Telangana State.

NAC is a unique institution which is running a whole range of training programs from the grass root level for the construction workers in skill formation/ skill up-gradation to senior level engineers and architects in all respects of the construction technology, materials etc. National Academy of Construction is an ISO 9001:2015 certified Institute and affiliated to Skill Council.

### Accolades received

- CIDC Vishwakarma Award for the years 2016, 2018, 2019 and 2021 for Construction & Skill Development
- Golden Peacock National Training Award 2017 and 2019 for National Training
- Assocham Award 2019 in the category National Leadership Excellence Skill Development / Vocational Training.
- Assocham Award 2018, 2019 (Gold Winner) and 2022 for Best Institute – Placement.

### Infrastructure

The facilities at the NAC campus consists of Auditorium, Seminar Halls, Class Rooms, Board Rooms, NAC Residency, Parking area under the Display Centre and Canteen. Well-developed Information Centre and Internet facilities are available to the participants.

NAC campus is centrally located near to Hitec City, High Tech city MMTS station & Metro station. Close to major Shopping malls, Hitex and other convention & recreational centers etc.