

Certification Program

Awareness on
'Laboratory
Management
System &
Internal
Auditing'

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

22 – 25 November, 2021



ISO 9001:2015

National Academy of Construction

(A Society under the Govt. of Telangana)



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 17025:2017 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.

NAC Grounds, Cyberabad, Hyderabad-500084, Telangana, India

Phone: Tel: (040) 23110839, 9866114616

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 and ISO 19011:2018 Auditing management system.
- Measurement of Uncertainty - An Overview
- Exercises and Case Studies.

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 and satisfaction
- Quality Control in Testing/Internal Audit Process

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.

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 NAC.

Faculty

Specialists with extensive experience in ISO 17025: 2017 auditing will handle the sessions. Experts associated with Quality Council of India (QCI) and NABL will support the program.

Course Director

Sri D. Sheshadri, Head, Corporate Quality & Productivity Wing, NAC

Program Schedule

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

Date/Duration: 22 - 25 November, 2021 (4 Days)

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

Course Fee

1. **Virtual :Rs.9,000/- + 18% GST per participant:** Fee includes course material.
2. **Off-line : Rs.14,000/- + 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. 36AAAAAN0794M1Z8.**

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 Head

Corporate Quality and Productivity Division

NAC ,Cyberabad, Hyderabad-500084

Direct Phones: (040) 23110839,

Fax :- (040) 23111997, **Mobile:** 9866114616.

Email: sheshadri@nac.edu.in / corporatequality@nac.edu.in

Website: www.https://nac.edu.in

Welcome to National Academy of Construction

National Academy of Construction (NAC) is registered as a Society under State Government of Telangana and incorporated as Public Charitable institution. Construction is one such area where technology is developing at a very fast rate. Hence one needs proper understanding of the technology and importance of proper training. Starting with one Centre and five trades and training 150 technicians per year, NAC has grown surely and steadily to 110 Centres throughout Telangana and Andhra Pradesh States and 21 trades today with target of training 1,00,000 technicians per annum. Apart from this its operations are reaching the nooks and corners of India, and also beyond sea sparing no hard ship and hindrance.

NAC is spread over 46 acres of prime land in the IT Corridor in Hyderabad. It is located adjacent to HITEX Exhibition grounds and HICC.

Accolades

NAC received

- CIDC Vishwakarma Award 2021
- Assocham Award 2019
- CIDC Vishwakarma Award 2019
- Golden Peacock National Training Award 2019
- Assocham Award 2018
- CIDC Vishwakarma Award 2018
- Golden Peacock National Training Award 2017
- CIDC Vishwakarma 2016

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.

General Information

- NAC encourages participants to present case studies from their respective organizations.
- Well-developed Information Centre and Internet facilities are available to the participants.
- NAC campus is centrally located near to Hitech City, High Tech city MMTS station & Metro station.
- Close to major Shopping malls, Hitex and other convention & recreational centres etc.

Our Upcoming Training Programs for the year 2021-2022 are given below:

S.NO.	PROGRAM TITLE	TYPE	SCHEDULE	DURATION	COURSE FEE (IN INR)
1	ISO 17025 : 2017 Lab Management Awareness & Internal Auditing as per NABL Requirements	Virtual or Off-line	22 - 25 Nov. 2021	4 days	Virtual
			13 - 16 Dec.2021		9,000 + GST @ 18%
			04 - 07 Jan. 2022		Off-line
			08 - 11 Feb 2022		14,000 + GST @ 18%
			07 - 10 Mar 2022		
2	Uncertainty Measurement	Virtual or Off-line	26 - 27 Nov. 2021	2 days	Virtual
			17- 18 Dec. 2021		6,000 + GST @ 18%
			10- 11 Jan 2022		Off-line
			14 - 15 Feb. 2022		9,000 + GST @ 18%
			14- 15 Mar. 2022		
3	Outcome Based Education	Virtual	16 - 18 Nov. 2021	3 days	9,000 + GST @ 18%
			20 - 22 Jan. 2022		
			21 - 23 Mar 2022		
4	Six Sigma Green Belt	Virtual	07 - 10 Dec. 2021 02 - 05 Feb, 2022	4 days	15,000 + GST @ 18%
5	Effective Vigilance for Organisational Excellence	Virtual	19 -21 Jan 2022	3 days	9,000 + GST @ 18%
			21 - 23 Feb 2022		
6	5 'S' for Organisational Excellence	Virtual	14 - 16 Dec. 2021	3 days	9,000 + GST @ 18%
7	IRCA Registered ISO 9001:2015 QMS Lead Auditor	Virtual	13 - 17 Dec. 2021	5 days	18,000 + GST @ 18%
			18 -22 Jan. 2022		
			22 - 26 Feb 2022		
8	Effective Purchase Management	Virtual	02 - 04 Dec. 2021	3 days	9,000 + GST @ 18%
9	Conflict Management, Decision Making & Problem Solving Skills	Virtual	27 - 29 Jan. 2022	3 days	9,000 + GST @ 18%
10	Executive Leadership & Team Building for Organizational Development	Virtual	24 - 26 Feb 2022	3 days	9,000 + GST @ 18%
11	IRCA Registered ISO 45001:2018 Lead Auditor Training	Virtual	13 -17Dec.2021	5 days	18,000 + GST @ 18%
12	Cyber Security Best Practices	Virtual	03 - 05 Mar, 2022	3 days	9,000 + GST @ 18%
13	ISO 14001 EMS Lead Auditor Training	Virtual	13 - 17 Dec. 2021	5 days	22,000 + GST @ 18%
14	Certified Internal Auditor Training for Integrated Management System (IMS) (ISO 9001 QMS, ISO 14001 EMS & OHSMS 45001)	Virtual	27 - 29 Dec. 2021	3 days	9,000 + GST @ 18%
15	Quality & Reliability	Virtual	28 - 30 Mar, 2022	3 days	9,000 + GST @ 18%