

# INTERNATIONAL TRAINING PROGRAMME for DEVELOPING COUNTRIES 2023-24

Online International Training Programme on  
Laboratory Quality Management System  
(10-10-2023 to 13-10-2023)



**National Institute of Training for Standardization,  
BUREAU OF INDIAN STANDARDS  
A 20-21, Institutional Area, Sector 62, Noida, India**

## ABOUT NITS, BIS

Bureau of Indian Standards (BIS), the National Standard Body of India, is a Statutory Organization under the Department of Consumer Affairs, Ministry of Consumer Affairs, Food and Public Distribution, Govt. of India and is engaged in the following activities:

- Formulation of Indian Standards
- Conformity Assessment (Product & Management Systems Certification)
- Conformity Assessment (Laboratory Testing)
- WTO/TBT Enquiry Point
- Training

To meet the growing needs & expectations of the Industry, National Institute of Training for Standardization (NITS) was set up under the aegis of BIS in 1995. Since then NITS has been organizing various types of training programmes in the area of standardization, quality assurance, conformity assessment, laboratory testing, management systems etc. These programmes are conducted by a team of well experienced, qualified & trained faculty. NITS has also been organizing International Training Programmes for Developing Countries of Asia, Africa, Europe and Latin America.

### General

Bureau of Indian Standards (BIS), the National Standards body of India has been organizing International Training Programmes on Standardization and Quality Assurance for the Developing Countries of Asia, Africa, Europe and Latin America every year since 1968. Training programmes on Management Systems and Laboratory Quality Management Systems are also being conducted. The current years' online programme is **02<sup>nd</sup> Online programme in the series of Laboratory Quality Management System** and current year offline programmes are the, **19<sup>th</sup> in the series on Management Systems, 54<sup>th</sup> in the series on Standardization and Conformity Assessment and 14<sup>th</sup> in the series on Laboratory Quality Management Systems.**

The Government of India offers limited number of Fellowships to the nominees of many Developing Countries under its Technical Assistance Plans for attending the International Training Programmes. Besides the fellowships, some seats are also available on self-financing basis in which case the expenditure is met either by the sponsoring governments or by the candidates themselves.

### Number of Participants

45 (Max)

## Participation Requirements

- Graduates in engineering or technology or in any discipline with professional experience in the field of Standardization / Quality/ Environment/ Food Safety/ Occupational Health & Safety/ Laboratory, etc;
- Ordinarily not more than 45 years of age; and
- Medically fit with good health.

**Officers of National Standards Bodies (NSB) will be given preference.**

### Language Requirements

Working knowledge of English language, as the programmes will be conducted in English.

## Material for Exchange of Information

For effective and purposeful contribution to discussions and workshop sessions, each participant is required to bring with him/her full information along with supporting documents on the following aspects applicable to his/her country:

- Current industrial scenario in different sectors;
- Future plans for industrial development;
- Details regarding establishment and functions of the National Standards Body (NSB) (including Constitution, Bye-laws, Acts, Rules and Regulations, etc, framed for standardization, quality certification, export inspection, metrology, testing, etc);
- Progress in standardization and management systems, work achieved so far and future work programme;
- Laboratory system, National Laboratory Accreditation System and Analytical Metrology;
- Procedure and practices for Product Certification;
- Major concerns in standardization, conformity testing, certification and management systems, if any;
- Standards information systems and WTO imperatives; and
- Information on national priorities & plans having bearing on the activities of NSB

## Contents/Aspects covered under training programmes

Please see details of programme at Page 6 .

### Certificate

Each participant will be given a certificate on successful completion of the course and having asatisfactory record of attendance.

### Nominations

**Sponsoring governments are requested to send their nomination in prescribed forms to the Indian High Commission/Embassy in their respective countries.**

The prescribed forms are available from the Indian Mission in the respective country of the participant or at <http://www.itecgoi.in> for applying online under specialized courses.

The nominations **should be submitted** to the Indian Mission sufficiently in advance, at least 45 Days before the start of the programme.

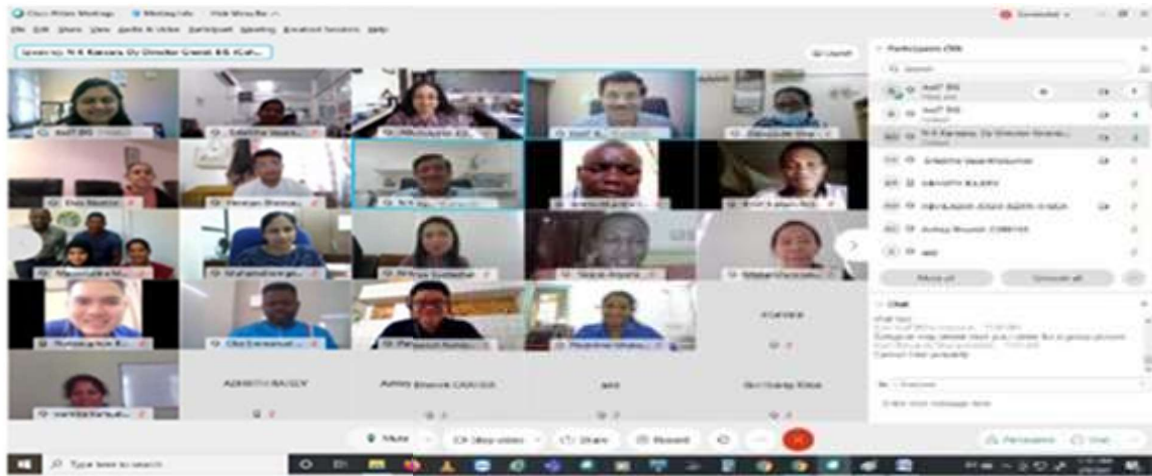
Nominations are **not** to be submitted to the National Institute of Training for Standardization (NITS).

In view of wider participation as per the experience of earlier programmes, it may not be possible to accommodate more than two nominees from any country.

### Selection

The Government of India together with NITS will select participants from the applications received. Immediately after the selection has been made, the concerned Indian Mission would confirm to the candidate.

**NOTE:** Withdrawal must be informed well in time (at least 20 days before the start of the course) as withdrawal at a later date will deprive other candidates the opportunity to attend as standby candidate.



Participants interacting with each other

## Contact Details

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**NOTE:** Further Information on individual training programmes can also be obtained from our Website at: [www.bis.gov.in](http://www.bis.gov.in) or from Course-Coordinator.



## **Online International Training Programme on** **LABORATORY QUALITY MANAGEMENT SYSTEM**

Dates : 10<sup>th</sup> to 13<sup>th</sup> October 2023

Duration : 4 days

### **Aspects Covered**

Various aspects which will be covered during the study phase include:

- An understanding of IS/ISO/IEC 17025:2017. Group discussion and case studies are special features.
- Developing and understanding on quality system documentation for the laboratory. It would include training on developing quality manual and procedures etc.
- Testing equipment, calibration, traceability, measurement uncertainty, environment, test methods, test items, safety, quality control, records and reports etc.
- Techniques of conducting internal audit and reporting of the internal audit findings.
- Management review and its contents.
- An understanding of IS/ISO/IEC 17043.
- Techniques for conducting Inter - Laboratory Comparison (ILC) / Proficiency Testing (PT) & evaluation of the scores.
- Understanding of Uncertainty in Measurement.

Implementation of IS/ISO/IEC 17025 will be covered during the lectures as well as case studies/workshops so that the participants can learn the process of implementation and accreditation of Laboratories. After the training, the participants will be able to handle the technical requirements in their laboratory as per the international practices.

Course Coordinator:

**Shri. Rajendra Kumar Palsania, Sc. 'C'**

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