



National Institute of Training for Standardization (NITS) Bureau of Indian Standards

2 DAY CLASSROOM TRAINING PROGRAMME ON INTER LABORATORY COMPARISON, PROFICIENCY TESTING AND EVALUATION OF SCORES (ILC, PT) 26-27 FEB 2024



LEARNING OBJECTIVES

- Know the requirements of ILC/PT
- Identify types of ILC/PT required for your testing/calibration.
- Plan the PT/ ILC required for your organization
- Plan for statistical requirements of PT/ ILC
- Conducting the PT/ ILC program
- Carry out the statistical calculations for evaluation of the scores (z score)
- Know how to detect outliers in the results
- Homogenization and stabilization of samples prepared for PT

COURSE OUTLINE



- Inter lab comparison vs Proficiency Testing.
- Proficiency Testing Schemes.
- Evaluation of Proficiency testing results
- Evaluation of Z Scores
- ISO/IEC 17025 Requirements For Proficiency Testing.
- ILAC Requirements For Proficiency Testing
- Exercises/ Workshops.

PRE-REQUISITES



Availability of a Computer/laptop with a stable internet connection with speakers, camera and mike.

TRAINING METHODOLOGY

- Interactive Online Sessions.
- Workshops, case studies, and auditing exercises.
- Soft copy of all training material.

CERTIFICATION

- Certificate of participation with BIS logo will be provided after the completion of the course



WHO SHOULD ATTEND

- Laboratory/Testing Personnel
- Quality managers/Technical managers.
- Auditors/Internal auditors.
- Expert advisors/Consultants



FEE AND DISCOUNTS



- Rs. 7000 + GST @ 18 % = **Rs. 7434/-** per participant.
- Discount of 10% for 2-5 persons and 15 % for more than 5 persons from same organization.



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PROCEDURE

The Application has to be made through BIS "Training Portal "as explained below

VISIT the **E-BIS Website:** www.manakonline.in

CLICK on the "**Training**" Head

LOGIN by clicking on the blue "**LOGIN**" button on the top right corner

SIGNUP by clicking on "**SIGNUP**" on the Member Login Page if you are not a member otherwise "**SIGN IN**" using your credentials

FILL OUT all the fields and click on "**REGISTER**" and complete the registration process.

CHOOSE the course you want to apply for, fill in the required information and "**PAY**" the requisite fee.

WHY CHOOSE NITS AS YOUR TRAINING PARTNER

- Advantage of being the National Standards Body of India.
- Industry-recognized Courses.
- Rich pool of Trainers with decades of auditing experience across disciplines.
- Course contents developed by subject matter experts.
- Proven track record of delivering public, in-house, e-Learning for leading companies and recognized Government and private organizations.
- Focus on the provision of practical training using real life scenarios.
- Availability of customized training solutions.



For any further queries, you may contact:

Nishant Parasar
Course Coordinator
nits@bis.gov.in
Mobile: 9599977846

A. Chatterjee
Head, NITS
hnits@bis.gov.in
Mobile: 8100788629



राष्ट्रीय मानकीकरण प्रशिक्षण संस्थान, नोएडा
NATIONAL INSTITUTE OF TRAINING FOR STANDARDIZATION, NOIDA

भारतीय मानक ब्यूरो
BUREAU OF INDIAN STANDARDS

Nomination Form

Name of the Programme			
Date of the Programme		Venue:	
Sponsoring Organization (OR In Individual Capacity) with complete Address			
Telephone /Mobile Number			
Organization/Firm GST No.			
Email ID			

Participants Details

Sl. No	Name (IN CAPITAL LETTERS)	Designation	Contact No.	Email
1.				
2.				
3.				
4.				
5.				

Will you stay in Hostel ?		If Yes, Please mention the date and time					
Yes	No	Arrival	Date	Time	Departure	Date	Time

Details of Payment (in Rupees)

Training Fees *	Hostel Charges *	GST ##	Discount, if any	Total amount

Mode of Payment

Name of Bank	UTR No. & Date of transaction # (for NEFT/Net banking/ IMPS/UPI payment)	Amount (in Rs.)

* For Training/hostel fees, see NITS Training Calendar at BIS website www.bis.gov.in. (Stay in hostel is charged on Night stay basis).

For payments by **NEFT**, Payment should be made to **Bureau of Indian Standards, Savings A/c No. 712210100000650, Bank of India, Sec-62 Noida, Branch Code 7122, IFSC Code BKID0007122.**

NITS GST No. 09AAATB0431G2Z8 , SAC Code: 999294 Applicable GST@ 18% on Training fee and Hostel fee.

Date: _____

Signature and Seal _____

The nomination form should preferably be scanned and e-mailed to nits@bis.gov.in, hnits@bis.gov.in. and reach NITS at least one week before the programme date. For sending hard copy may be addressed to:

Head , National Institute of Training for Standardization (NITS), Bureau of Indian Standards,

A – 20 & 21, Institutional Area, Sector – 62, NOIDA - 201309, U.P.

Phones: 0120 – 4670227 , 4670232, Email: nits@bis.gov.in, hnits@bis.gov.in, Website: <http://www.bis.gov.in>

Important :

- Participants are requested to get the confirmation from NITS, whether, nomination has been accepted or not **before attending the programme.**
- Rules for Refund of Training & Hostel Fees :**
 - A refund of full fees shall be made when cancellation/withdrawal of nomination is made **at least 15 days** in advance of the date of the training.
 - Cancellation/withdrawal of nomination is made **less than 15 days** in advance of the date of the training programme or is not informed, a **cancellation charge of 25 %** of the training fees would be levied. The balance amount after deducting the cancellation charges would be returned.
 - Hostel fees if any, paid in advance shall be returned in full.