



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

**2-DAY TRAINING PROGRAMME ON INTER LABORATORY
COMPARISON, PROFICIENCY TESTING AND EVALUATION OF
SCORES (ILC, PT) at National Institute of Training for Standardization (NITS),
A-20 & 21, Institutional Area, Sector-62, Noida, U.P. -201309**

21-22 JULY 2022



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. 8260/- 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:

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