



राष्ट्रिय वनस्पति स्वास्थ्य प्रबंधन संस्थान
कृषि एवं किसान कल्याण विभाग, कृषि एवं किसान कल्याण मंत्रालय- भारत सरकार
National Institute of Plant Health Management
Department of Agriculture and Farmers Welfare
Ministry of Agriculture and Farmers Welfare, Government of India



Training on Calibration of Laboratory glassware and equipment

Training period: 24th to 28th November, 2025 (5 days)

About the Organisation:

NIPHM is an autonomous National level institute under the administrative control of the Department of Agriculture & Farmers Welfare, Ministry of Agriculture & Farmers welfare, Government of India.

Pesticide Management Division (PMD):

Pesticide Management Division (PMD) of NIPHM imparts knowledge and skills in Pesticide Management through various capacity building programs to Insecticide Inspectors, Regulators, Insecticide Analysts, Extension Officials, Scientists etc. The division has state of the art training and analytical facilities like GC, HPLC, LC-MS/MS and GC-MS/MS. The Division provides hands on training on the operation of various analytical equipment for the analysts.



Key Highlights of the Training:

- Comprehensive coverage of calibration principles, methods, and practices.
- Hands-on sessions for calibration of volumetric glassware (pipettes, burettes, flasks, cylinders).
- Practical training on instrument calibration (balances, pH meters, spectrophotometers, GC/HPLC).
- Emphasis on ISO/IEC 17025:2017 quality standards and Good Laboratory Practices (GLP) for calibration.
- Demonstration of gravimetric and volumetric calibration techniques.
- Guidance on calibration documentation, traceability, and record-keeping.
- Guidance on preparation of Standard Operating Procedures (SOPs) for calibration.
- Focus on error minimization, accuracy, and data reliability in laboratory analysis.
- Delivered by experienced faculty and technical experts with case studies and real lab demonstrations.

Eligibility Criteria:

- ✓ Graduates/Post graduates in science with basic knowledge of laboratory activities.
- ✓ Chemists/ Analysts/ Academicians/ Research scholars/ working professionals working in State/Central Government Departments, Universities, Research institutes, or private laboratories are encouraged.

Training course fee:

A. Training fee		
Students (including GST)	₹ 3,500/-	
Officers & others (including GST)	₹ 6,250/-	
B. Lodging & Boarding Charges (per day/per person)	Single Occupancy	Double Occupancy
Hostel-II (Silent Spring) (including GST)	₹ 2000/-	₹ 1000/-
Hostel-I (including GST)	₹ 1000/-	₹ 500/-
Hostel-I (Dormitory) (including GST)	₹ 100/-	



Bank Details:

Payment may be done using NEFT/RTGS/UPI

Bank Account Number: 40373518076,

IFSC: SBIN0020074

Address: National Institute of Plant Health Management, Rajendranagar, Hyderabad.

Course Coordinator:

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Course Director:

Dr. NirmaliSaikia, Director (Pesticide Management Division)

Patron:

Dr. Sagar HanumanSingh, IPoS, Director General, NIPHM, Hyderabad

