



# राष्ट्रीय 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 & Farmers Welfare, Ministry of Agriculture & Farmers Welfare, Government of India



रा व स्वा प्र सं  
NIPHM

## **TRAINING BROCHURE**

(23.09.2024 to 27.09.2024)



### **Training on Instrumental Analysis (GC & HPLC) of (Chemicals) Pesticide Formulations**



#### **INTRODUCTION**

NIPHM is the Institute has been entrusted with the responsibility of organizing training courses for Human Resource development on different aspects of Plant Protection. NIPHM has a vibrant and diverse campus with world class labs which are ISO certified and maintains high standards in terms of analysis methodologies. **NIPHM organizing a 5 days training program from 23.09.2024 to 27.09.2024** through an interactive classroom sessions /demonstrations of analytical technics / practical's / group discussions and doubt clearing sessions for the participants – who are possessing a graduation, post-graduation certificate in Agriculture/ science/ Chemists/analysts working in the analytical laboratories in the field of quality control and analytical R&D. The training program organized by the Pesticide management Division of NIPHM will especially focus on the basic chromatographic techniques related to Gas Chromatography (GC) and High Performance Liquid Chromatography (HPLC) analysis. The laboratory (PFRAC) accredited as per the ISO/IEC: 17025-2017 for testing & ISO/IEC: 17043: 2010 for PT provides.

#### **OBJECTIVES AND SCOPE**

1. Introduction and Principles of chromatography
2. Introduction to GC and HPLC various parts of chromatographic Instruments.
3. Sample preparation



**ELIGIBILITY CRITERIA**

- ✚ Bachelor's degree in science / Agriculture/ Engineering or allied fields.
- ✚ Chemists/analysts working in the Analytical laboratories.

**TRAINING COURSE**

- ✚ Fee: Rs. 5000/- + GST as applicable
- ✚ Lodging & Boarding Charges (per day/per person):  
Single occupancy: Rs.2000/- (Hostel-II), Rs. 1000/- (Hostel-I) Double occupancy: Rs. 1000/-(Hostel-II), Rs500/- (Hostel-I) Food Charges: Rs. 290/-
- ✚ **Note: GST as applicable**

**BANK DETAILS:**

Payment may be done using NEFT/RTGS/UPI Bank account Number: 40373518076, IFSC: SBIN0020074  
Address: National Institute of Plant Health Management, Rajendranagar Branch: Rajendra Nagar,  
Hyderabad (Branch code: 20074)

**Course Coordinator:**

Dr. Jetta Satyanarayana, Assistant Scientific Officer (R&NMA)  
Email id: satya\_ou@yahoo.com, mobile: 9949465647.

**Course Director:**

Dr. Nirmali Saikia, Director (Pesticide Management Division)

**Patron:**

Dr. Sagar Hanuman Singh, IPoS, Director General, NIPHM