



सत्यमेव जयते

# राष्ट्रीय वनस्पति स्वास्थ्य प्रबंधन संस्थान National Institute of Plant Health Management

Department of Agriculture and Farmers Welfare  
Ministry of Agriculture & Farmers Welfare, Government of India  
Rajendranagar, Hyderabad-500 030



रा व स्वा प्र सं  
NIPHM

**Invites applications for 31<sup>st</sup> Batch of**

**Training on**

## **Urban Integrated Pest Management**



**Date: 01.02.2023 to 15.02.2023**

Indian urban population of 377 million as per the 2011 census is expected to rise by around 33% by 2026. This increase will have a tremendous pressure on civic infrastructure systems including sewerage, drainage, solid waste management and consequently public health. The public health problems are compounded due to increasing interface between human and pest populations, viz., rodents, mosquitoes, flies etc. The management of these pests at individual premises is taken up by commercial Pest Control Operators (PCOs). However, the personnel handling pest control operations are lacking professional training.

As per the Insecticides Rules framed under Insecticides Act, 1968 and Rules, 1971 the PCOs who apply for grant of license for undertaking pest control operations should be at least a graduate in Agriculture or in Science with Chemistry as a subject with a certificate of minimum 15 days training on Urban Integrated Pest Management.

Considering these aspects, National Institute of Plant Health Management (NIPHM), an autonomous institute under Department of Agriculture and Farmers Welfare, Ministry Agriculture & Farmers Welfare, Government of India, Hyderabad initiated a 15 day training programme on Urban Integrated Pest Management from 2011 to the personnel engaged in pest/vector control. The training is participatory and interactive with field based approach and provides a sound foundation on technical aspects of Urban Integrated Pest Management. It also provides an opportunity to develop skills in pest management operations and prepares the participants for emergency preparedness to prevent the outbreak of communicable zoonotic diseases.

### **Course contents:**

- Ecology and breeding biology of major species of mosquitoes. Survey and Inspection procedures in mosquito dwelling habitats, Integrated Mosquito Management – larvicidal and adulticidal treatments
- Ecology and ethology of rodents in relation to their integrated management
- Biology & bionomics, Integrated Management of cockroaches, flies, bedbugs and other household pests
- Nature of damage by Termites, inspection & detection techniques and pre and post construction treatments
- Diagnosis, Inspection, Sampling of grains for stored grain pests and their management and Fumigation practices
- Major weeds in industrial premises and their management
- Integrated bird Management
- Biological control of urban pests and bio-pesticides,
- Pest management chemicals – classification, formulations and their toxicity,
- Principles of pesticide application techniques, Salient features & characteristics of different pesticide appliances and nozzles,
- Care, handling and maintenance of pesticide application equipment,
- Safe and judicious use of pesticides
- Pesticide residue problems in urban situations
- Insecticides Act and its relevance to structural pest management professionals
- Food safety & standards in food processing industries

The candidates will be evaluated at regular intervals by examinations and they need to submit an assignment work.

**Faculty:** The institute and guest faculty members are of both National and International repute with expertise in their respective subject in pest bionomics and management aspects.

**Duration of course:** It is a residential program with 15 days duration. Tailor made programs can also be organized by the institute either on UIPM or any subject matter specialization in the Structural Pest Management.

**Eligibility:** Applicant should be a graduate in Agriculture or in Science with Chemistry as a subject (As per the Rule 10, Sub Rule 3A (iii) of Insecticides Rules framed under Insecticides Act, 1968).

**Course fee:** Rs. 25,000/- + GST 18% = Rs.29500/-

**Lodging and boarding:** Actuals (Rs.12435 approx for 15 days)

**Application procedure:** Interested candidates may register in our website <http://niphm.gov.in> and click on Certificate Course on Urban Integrated Pest Management and upload their photo (jpg format) and educational qualification in pdf format (only degree certificate in case of B.Sc. (Agri) or B.Sc. (Chem) / Degree certificate along with mark list for all other eligible degrees)

**Patron**

Dr. S.H. Singh, IPoS  
Director General

**Course Director**

Dr. Alice R.P. Sujeetha  
Director (PB)

**Course Coordinator**

Dr. Mariadoss A  
Asst. Director (RPM)

**Asst. Course Coordinator**

Dr. P. Sakthivel  
Asst. Scientific Officer (VPM)

For further details contact:

**Course Coordinator**

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