

राष्ट्रीय वनस्पति स्वास्थ्य प्रबंधन संस्थान

NATIONAL INSTITUTE OF PLANT HEALTH MANAGEMENT

Department of Agriculture & Cooperation, Ministry of Agriculture, Government of India

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Visit us at <http://niphm.gov.in>



प्रशिक्षण अनुसूचि 2014-15

Training Schedule 2014-15 International Participants

Bio-security Threats



Pre-Border



Phytosanitary Measures Border

Detection



Diagnosis



Post-Border



Growth in agricultural production, which is dependent on several factors such as weather conditions, soil fertility, irrigation etc, is further subject to debilitating influence of pests and nutritional imbalances. It is estimated that in India, crop losses due to pests will be in the range of 10 to 30%, which may be exacerbated due to the looming threat of climate change. Intensive use of ecosystems to enhance productivity can erode ecosystems and cause disruption to the flow of ecosystem services, which in-turn will affect plant health and biosecurity. There is an urgent need to update the scientific knowledge of the stakeholders in agricultural sector, more so in the light of emerging challenges.

About NIPHM

Central Plant Protection Training Institute (CPPTI) was established in 1966 (later renamed as National Plant Protection Training Institute (NPPTI)), for Human Resource Development in plant protection technology. The institute was identified as a Regional Training Centre for Plant Protection by the FAO and as a Centre of Excellence for Training in Plant Protection Technology under the World Bank aided NAEP-III. NPPTI was converted into an autonomous body viz., National Institute of Plant Health Management, (NIPHM) in the year 2008 to meet the emerging training needs in environmentally sustainable plant health management with focus on biosecurity management and to function as a policy support centre. NIPHM has entered into collaboration with USDA/USAID to strengthen the programmes.

NIPHM has 4 major divisions viz., a) Plant Health Management, b) Plant Biosecurity, c) Pesticide Management and d) ICT. NIPHM also specializes in Plant Health Engineering and Vertebrate Pest Management.

Aim of the Training Programmes

Develop a committed and competent cadre of professionals to promote sustainable plant health and biosecurity management in India & her neighbourhood.

BRIEF OUTLINE OF THE PROGRAMMES

Post Graduate Diploma in Plant Health Management (PGDPHM): 1 yr Programme

The programme develops expertise in plant health management, the science and practice of understanding and overcoming the biotic and abiotic factors that limit plants from achieving their full genetic potential as crops. The programme also imparts skills to address the emerging challenges in Biosecurity and Pesticide Management.

Agro-Ecosystem Analysis (AESA) & Ecological Engineering

Globally IPM practices underwent several improvements and over the years AESA has gained universal recognition and acceptance. AESA takes into account the intricate interdependence among various components of an ecosystem, particularly the dynamics of pests and defenders. AESA also enlists farmers participation in decision making, based on experiential learning through Farmers Field Schools. The programmes also provide insights to the emerging field of ecological engineering for pest management.

Plant Biosecurity & Incursion Management

Significance of Pest Risk Analysis, Pest Surveillance & diagnostics in biosecurity management and threats of invasive alien species in the context of globalization are highlighted in the programme, besides exposure to SPS Measures and the relevant International standards.

Biocontrol Agents & Biopesticides

The programme imparts skills in Mass Production Techniques for commercially viable biocontrol agents and Biopesticides and quality assessment and quality management of microbial biopesticides. The trainees will also be equipped to train farmers in farm level biocontrol agent production.

Pesticide Management

Aims at developing expertise in pesticide formulation/residue analysis using conventional as well as modern instrumental methods of analysis. The trainees will also be exposed to good laboratory practices and NABL accreditation requirements.

Vertebrate/Rodent Pest Management

Provides an in-depth analysis of integrated rodent pest management (RPM) that is woven around the ecology and ethology of rodents in diverse agro-ecosystems. Some programmes cater to the requirement of RPM in urban areas, to prevent spread of dreaded Zoonotic diseases such as plague, leptospirosis, scrubtyphus etc

Plant Health Engineering

Focuses on appropriate engineering systems for pesticide application, calibration of the appliances for proper delivery regime, safe, judicious and efficacious use of pesticides. The significance of droplet size and drift in enhancing bioefficacy will be unravelled.

Integrated Soil, Nutrient and Weed Management & Rhizosphere Engineering

Emphasizes the need for synergistic use of complementary management practices to promote soil fertility & plant health through rhizosphere engineering, besides integrated weed management.

Courses for Directorate of PPQ&S

Induction training programme for new recruits and transferees and refresher courses for the Officers in biosecurity and plant health management.

Training programmes for Private/Public Sector/NGOs

Programmes in AESA based plant health management, phytosanitary treatment (*M.Br./AI P Fumigation*), production protocol for Biocontrol agents and biopesticides, urban IPM, Pesticide Formulation and Residue Analysis, Instrumentation in Pesticide Analysis etc. are offered on payment basis.

Admission to the programmes

Fee/Charges	Training Duration						
	52 weeks	80-90 days	60 days	21-30 days	8-12 days	5 days	3 days
Course Fee*	\$ 5000	\$ 2500	\$ 1500	\$ 1250	\$ 500	\$ 350	\$ 250
Boarding & Lodging Charges	\$ 7500	\$ 7500	\$ 75 (single occupancy) & \$ 60 (double occupancy) per day				

* Additional Laboratory fee for courses in Pesticide Management

I. \$ 500 for 80 days duration

II. \$ 150 for 21 days duration

Admission to the programmes

- Foreign Governments may sponsor their officials by sending the nominations to the Director General through the Ministry of External Affairs, Government of India.

INTERNATIONAL TRAINING PROGRAMMES

Plant Biosecurity Division (वनस्पति जैवसुरक्षा प्रभाग)

Sl. No.	Title of the Programme	Duration	Number of Programmes	From	To
1	Bio Security & Incursion Management (BIM)	21 Days	2	21.07.2014 09.02.2015	09.08.2014 01.03.2015
2	Fundamentals of biosecurity	6 Days	2	21.07.2014 09.02.2015	26.07.2014 14.02.2015
3	Pest Surveillance	8 Days	3	09.10.2014 16.03.2015 28.05.2015	16.10.2014 23.03.2015 04.06.2015
4	Quarantine Pests: Detection and Identification	21 Days	2	08.09.2014 08.04.2015	28.09.2014 28.04.2015
5	Quarantine pathogens: Seed Health Testing Methods and	8 Days	2	11.09.2014 13.04.2015	18.09.2014 20.04.2015
6	Phytosanitary treatments (MBR& ALP)	15 Days	2	11.08.2014 12.01.2015	25.08.2014 26.01.2015
7	Emergency Preparedness & Incursion Management	6 Days	2	04.08.2014 23.02.2015	09.08.2014 28.02.2015
8	International training programme on Pest Risk Analysis	5 Days	1	01.09.2014	05.09.2014
9	International training programme on Regional Plant Health System Analysis	15 Days	1	24.11.2014	08.12.2014
10	International workshop on seed borne diseases	4 Days	1	02.06.2014	05.06.2014
11	Stored grain pest detection and identification and phytosanitary treatments	21 Days	1	10.11.2014	30.11.2014
12	SPS awareness programme for Middle level officers	5 Days	3	19.01.2015 09.03.2015 8.06.2015	23.01.2015 13.03.2015 12.06.2015
13	Risk Analysis for market Access	5 Days	2	17.11.2014 02.03.2015	21.11.2014 06.03.2015

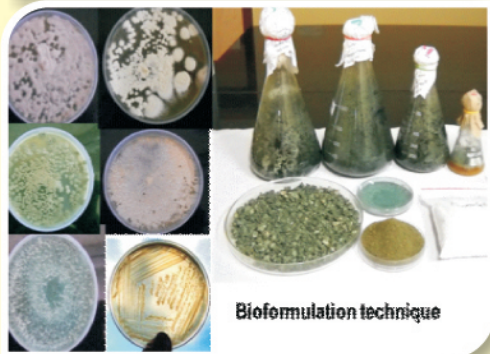
INTERNATIONAL TRAINING PROGRAMMES

Plant Health Management Division (वनस्पति स्वास्थ्य प्रबंधन प्रभाग)

Sl. No.	Title of the Programme	Duration	Number of Programmes	From	To
14	Crop specific AESA & Ecological Engineering for Pest Management in Rice/pulses	30 Days	1	10.12.2014	08.01.2015
15	Crop specific AESA & Ecological Engineering for Pest Management in vegetables	30 Days	1	28.10.2014	26.11.2014
16	Fundamentals of Plant Health Management for Plant health Doctors	21 Days	1	20.01.2015	09.02.2015
17	Production Protocol for Biocontrol agents & Quality Analysis and Quality Management of Microbial Biopesticides	21 Days	2	08.05.2015 05.06.2015	28.05.2015 25.06.2015
18	On-Farm production of biocontrol agents to promote AESA based Plant Health Management	10 Days	2	04.08.2014 13.04.2015	13.08.2014 22.04.2015
19	Good Agricultural Practices	5 Days	2	10.11.2014 23.02.2015	14.11.2014 27.02.2015
20	Rhizosphere Engineering	5 Days	2	08.09.2014 16.02.2015	12.09.2014 20.02.2015
21	Economic importance of plant Parasitic & entomopathogenic nematodes	6 Days	1	06.10.2014	11.10.2014
22	Production Protocol for Biocontrol agents	11 Days	2	08.05.2015 05.06.2015	18.05.2015 15.06.2015
23	Quality Analysis and Quality Management of Microbial Biopesticides	10 Days	2	19.05.2015 16.06.2015	28.05.2015 25.06.2015

Pesticide Management Division (पीडकनाशी प्रबंधन प्रभाग)

24	Laboratory Quality System Management and Internal Audit as per ISO/IEC 17025-2005	6 Days	4	06.08.2014 10.11.2014 12.03.2015 18.05.2015	11.08.2014 15.11.2014 17.03.2014 23.05.2015
25	Sampling of Fruits, Vegetables and other items for Pesticide Residue Analysis & calibration of Laboratory Equipment-PRA(1)	8 Days	2	16.09.2014 23.02.2015	23.09.2014 02.03.2015
26	Calibration of glass ware and lab equipment- PFA	8 Days	2	13.10.2014	20.10.2014
27	Pesticide Residue Analysis	30 Days	1	28.10.2014	26.11.2014



Facilities

- Accommodation : Air Conditioned Rooms are available in the hostel.
- Library : Rich collection of journals and books of national & international repute.
- Audio-Visual-Aids : The lecture rooms are equipped with modern audiovisual facilities.
- ICT : Internet facility is provided to the participants
- Medical Assistance : A senior Medical Consultant visits the Hostel daily.

How to Reach NIPHM

Hyderabad International Airport is located about 15kms from NIPHM.

Transport Arrangement

Transport arrangement will be made if travel plan is furnished well in advance.

Route Map

Visit the Institute Website : <http://niphm.gov.in>

Hyderabad Weather

Hyderabad enjoys a fairly moderate weather throughout the year. During summer months(March–May) the average temperatures hover around 39 C. The rainy season(June–September) is fairly long and receives good amount of rainfall. During winter(October–February) minimum temperatures will be in the range of 6°C to 14°C.

Contact Details

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