



राष्ट्रीय वनस्पति स्वास्थ्य प्रबंधन संस्थान
NATIONAL INSTITUTE OF PLANT HEALTH MANAGEMENT
Department of Agriculture, Cooperation & Farmers Welfare
Ministry of Agriculture & Farmers Welfare
Government of India



Training Calendar 2016-17 for International Participants



International Trainings



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

National Institute of Plant Health Management (NIPHM) is a premier national level institute under the administrative control of the Department of Agriculture, Cooperation and Farmers Welfare, Government of India. Established in the year 1966 at Hyderabad, the Institute, as approved by the Union Cabinet, was converted as an autonomous body on 24th October, 2008 with an expanded scope of promoting environmentally sustainable Plant Health Management practices in diverse and changing agro-climatic conditions and Plant Biosecurity Management and Pesticide Management through capacity building programmes, besides providing inputs for policy formulation on Plant Health Management, Plant Biosecurity, Invasive Alien Species, market access, etc. at state and national level.

The capacity building programmes in different areas are offered by NIPHM through on campus programmes at Hyderabad as well as off campus programmes in India and foreign countries by its following 4 major technical divisions: a) Plant Health Management, b) Plant Biosecurity, c) Pesticide Management and d) Information and Communication Technology. NIPHM also specializes in Plant Health Engineering and Vertebrate and Urban Pest Management.

Aim of the Training Programmes

Develop a committed and competent cadre on professional to promote sustainable plant health and biosecurity management in India & her neighborhood.

A BRIEF OUTLINE OF ACTIVITIES

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. The programme is open for Graduates in Agriculture/Horticulture and Post Graduates in Life Sciences.

Plant Health Management

Good plant health management plays a vital role in overcoming various biotic and abiotic stresses that limit the crop from achieving its full genetic potential. The indiscriminate use of pesticides and fertilizers had resulted in wide spread environmental population and destruction of the agro ecosystem. To promote environmentally sustainable plant health management for improving the soil and plant health and to reduce the excessive reliance on chemical pesticides, Plant Health Management division is organizing various training programmes on bio-intensive approaches for plant health management with emphasis on Ecological Engineering, Low cost on-farm production of bio agents and Agro Eco-System Analysis. PHM division is also conducting training programmes to Agriculture / Horticulture Extension officials and KVK Scientists of ICAR and State Agriculture Universities on establishment of mother cultures of bio-agents, bio-pesticides and bio-fertilizers who in turn supply the mother cultures and enable the farmers to produce high quality bio-pesticides and bio-fertilizers with low cost.

Plant Biosecurity

Significance of Pest Risk Analysis, Pest Surveillance & diagnostics in biosecurity management

and threats of invasive alien species in the context of globalization are highlighted besides exposure to SPS Measures and the relevant International standards.

Pesticide Management :

Crop Protection Chemicals play a vital role in achieving higher food production to meet the ever increasing demand for food and nutritional security. The pesticides being hazardous, their use must be regulated to ensure quality of pesticides imported/produced/sold, as well as their use as per good agricultural practices, so that the pesticide quality is maintained and residues are within prescribed limits for food safety. The division developed capacity building programs to impart knowledge and skills in pesticide management among inspectors, regulators, extension officials, analysts, scientists, laboratory managers. The Division has state-of-the-art training and analytical facilities (accredited as per ISO/IEC 17025:2005) to provide hands-on experience and refresher trainings on inspection & sampling, method validation principles, quality control, documentation, analysis of pesticide formulations and residue analysis in various matrices.

Vertebrate and Urban 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.

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

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

Fee/Charges	Training duration							
	52 Weeks	91 - 180 days	61 - 90 days	31 - 60 days	16 - 30 days	8 - 15 days	5 - 7 days	upto 4 days
Course fee*(\$)	5000	3500	2500	1500	1250	750	500	250
Boarding & lodging charges								
Single occupancy (\$)	8000	5000	3500	3000	2000	75 \$ per day		
Double Occupancy (\$)	6000	4000	2500	2000	1500	60 \$ per day		

*Additional Laboratory fee for courses in Pesticide Management

- I. \$ 500 for 80 days duration
- II. \$ 150 for 21 days duration

TRAINING SCHEDULE FOR 2016-2017

I. Educational Programmes:

S.No.	Title of the Programme	Duration (Days)	From	To
1.	Post Graduate Diploma Programme in Plant Health Management (PGDPHM)	12 months	August 2016	July 2017
2.	Diploma in Plant Biosecurity, Pesticide Management, Plant Health Management etc.	06 months	August 2016 Feb 2016	Jan 2017 July 2017

Plant Biosecurity

1.	Bio Security & Incursion Management (BIM)	21	04.07.2016 05.06.2017	25.07.2016 26.06.2017
2.	Fundamentals of plant biosecurity	5	04.07.2016 05.06.2017	08.07.2016 09.06.2017
3.	Pest Risk Analysis	5	11.07.2016 13.02.2017 12.06.2017	15.07.2016 17.02.2017 16.06.2017
4.	Quarantine Pests: Detection & Identification	21	07.09.2016 04.04.2017 17.04.2017	27.09.2016 24.04.2017 24.04.2017
5.	Quarantine Insects: Detection & Identification	5	12.09.2016 10.04.2017	16.09.2016 14.04.2017
6.	Quarantine pathogens: Seed Health Testing Methods and Molecular Diagnostic Techniques	5	19.09.2016 17.04.2017	23.09.2016 21.04.2017
7.	Stored grain pest detection & identification and phytosanitary treatments	21	01.08.2016 02.01.2017	22.08.2016 23.01.2017
8.	Stored grain pest detection & identification	5	01.08.2016 02.01.2017	05.08.2016 06.01.2017
9.	Phytosanitary treatments (MBR& ALP)	15	08.08.2016 09.01.2017	22.08.2016 23.01.2017
10.	Pest Surveillance	8	24.08.2016 23.11.2016 22.03.2017	31.08.2016 30.11.2016 29.03.2017
11.	Forced Hot Air Treatment (FHAT)	5	17.10.2016 15.05.2017	21.10.2016 19.05.2017
12.	Training programme on Regional Plant Health System Analysis	15	05.12.2016	19.12.2016

Plant Health Management

1.	Agro Ecosystem Analysis (AESAs) based Plant Health Management (PHM) in conjunction with Ecological Engineering for Pest Management (Rice/ Vegetables)	21	15.09.2016 01.03.2017	05.10.2016 22.03.2017
2.	Fundamentals of Plant Health Management for Plant health Doctors	21	24.08.2016 08.02.2017	13.09.2016 28.02.2017

S.No.	Title of the Programme	Duration (Days)	From	To
3.	Good Agricultural Practices	5	01.08.2016 24.04.2017	05.08.2016 28.04.2017
4.	Rhizosphere Engineering	5	08.08.2016 10.04.2017	12.08.2016 14.04.2017
5.	Production Protocol for Biocontrol agents, Microbial Biopesticides and Quality analysis of Microbial Biopesticides	21	18.08.2016 12.06.2017	07.09.2016 22.06.2017
Pesticide Management				
1.	Pesticide Formulation Analysis (PFA)	66	12.07.2016 08.11.2016 07.02.2017	15.09.2016 12.01.2017 13.04.2017
2.	Laboratory Quality System Management and Internal Audit as per ISO/IEC 17025:2005	6	05.09.2016 02.01.2017 03.04.2017	10.09.2016 07.01.2017 08.04.2017
3.	Pesticide Residue Analysis (PRA)	30	01.09.2016 02.05.2017	30.09.2016 31.05.2017

Facilities

- Accommodation : Air Conditioned Rooms with WiFi entertainment facilities.
 Library : Enriched with collection of journals and books of national & international repute.
 Audio-Visual-Aids : The lecture rooms are equipped with modern audiovisual facilities.
 ICT : Internet / WiFi 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

Airport pickup and drop will be arranged if travel plan is provided will 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

Registrar, National Institute of Plant Health Management (NIPHM),
 Rajendranagar, Hyderabad 500 030
 Telephones: +91-40-24015378, 24015346, 24011633
 Tele-fax: +91-40-24015346/24018788
 E-Mail : niphm@nic.in (or) infoniphm@nic.in (or) registrarniphm@nic.in
 Visit us at : <http://niphm.gov.in>

AMENITIES



International Hostel, A/C Rooms with Wi-Fi Facility



Dining Hall



Auditorium



Sports Facilities





Nominations may be addressed to Directors of the respective Divisions

Optionally please visit NIPHM website for online registration

For Plant Biosecurity Programmes : dirpqpniphm-ap@nic.in

For Plant Health Management Programmes : dirplmnniphm-ap@nic.in

For Pesticide Management Programmes : dirpmniphm-ap@nic.in

For Plant Health Engineering Programmes : jdenggniphm-ap@nic.in

Phone: 040-24013346, Tele-Fax: +91 40 24015346, Visit us at : <http://niphm.gov.in>