



NATIONAL INSTITUTE OF PLANT HEALTH MANAGEMENT

(Department of Agriculture & Cooperation)



ए व स्वा प्र सं
NIPHM

प्रशिक्षण अनुसूचि Training Schedule 2012-2013

Capacity Building



Nature's Solution

Pest Problem



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 flow of ecosystem services, which in-turn will affect plant health and biosecurity. Therefore, 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 and later renamed as National Plant Protection Training Institute (NPPTI), for Human Resource Development in plant protection technology. From mid 1980s, the emphasis shifted to crop-oriented IPM. The institute was identified as a Regional Training Centre for Plant Protection by the FAO of the United Nations 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 4 major divisions viz., a) Plant Health Management, b) Plant Quarantine and Policy, c) Pesticide Management and d) ICT. NIPHM also specializes in Plant Health Engineering and Rodent 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.

A 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. 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.

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, besides exposure to SPS Measures and the relevant International standards.

Biocontrol Agents & Biopesticides

Imparts skills in Mass Production Techniques for commercially viable biocontrol agents and Biopesticides and quality assessment and quality management of microbial biopesticides.

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 procedure.

Vertebrate/Rodent Pest Management

Provides in depth analysis of integrated rodent pest management (RPM) that is woven around the ecology and ethology of rodents in diverse agroecosystems. 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 Weed Management

Emphasizes the need for synergistic use of complementary control management practices and develops skills in proper identification of weeds.

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

Exclusive programmes in AESA based plant health management, phytosanitary treatment (*M.Br. / Al P Fumigation*), production protocol for Biocontrol agents and biopesticides, urban IPM, Pesticide Formulation and Residue Analysis, Instrumentation in Pesticide Analysis etc.

Admission to the programmes

- Officials from different States/Union Territories, SAUs, ICAR, KVKs, NGOs and Private Sector. The nominations should reach the Registrar well in advance.
- Foreign Governments may sponsor their officials by sending the nominations to the Director General through the Ministry of External Affairs, Government of India.
- Industry/NGOs and other Organisations can also sponsor their officials.
- Unemployed Agricultural Graduates can also enroll for the programmes on payment basis.

TRAINING SCHEDULE FOR 2012– 2013 (प्रशिक्षण अनुसूचि: 2012 -2013)

I. CAMPUS TRAINING COURSES FOR OFFICERS OF GOVT./SAUs/ICAR

सरकारी/राज्य कृषि वि वि/भाकृअनुप के अधिकारियों हेतु संस्थान परिसर मे प्रशिक्षण

S.No	Course Title	Duration	From	To
1	Post Graduation Diploma in Plant Health Management	12 Months	July 2012	Jun 2013

Pesticide Management Division (पीडकनाशी प्रबंधन प्रभाग)

1.	Pesticide Formulation Analysis	84 days	19.06.2012 03.01.2013 18.06.2013	10.09.2012 27.03.2013 09.09.2013
2.	Pesticide Residue Analysis	30 days	19.11.2012 01.04.2013	18.12.2012 30.04.2013
3.	Principles of Pesticide Management	21 days	19.06.2012 03.01.2013 18.06.2013	09.07.2012 23.01.2013 08.07.2013
4.	Basics of Pesticide Formulation Analysis (PFA)	21 days	10.07.2012 24.01.2013	30.07.2012 13.02.2013
5.	Conventional Methods in Pesticide Analysis	21 days	01.08.2012 14.02.2013	21.08.2012 06.03.2013
6.	Instrumental Methods of Pesticide Analysis.	21 days	22.08.2012 07.03.2013	11.09.2012 27.03.2013
7.	Refresher course on Pesticide Formulation Analysis (PFA)	21 days	11.10.2012 09.04.2013	31.10.2012 29.04.2013
8.	Advances in Pesticide Residue Analysis(PRA)	8 days	05.11.2012 02.01.2013 18.03.2013	12.11.2012 09.01.2013 25.03.2013
9.	Training to Insecticide Inspectors on Enforcement of Insecticides Act/Rules.	5 days	13.11.2012 26.11.2012 21.01.2013	17.11.2012 30.11.2012 25.01.2013
10.	Pesticide Residue Management(PRM)	4 days	05.11.2012 07.01.2013	08.11.2012 10.01.2013
11.	Organization & Management of Pesticide Testing Laboratories	2 days	02.07.2012 24.09.2012 08.10.2012	03.07.2012 25.09.2012 09.10.2012

Plant Health Management Division (वनस्पति स्वास्थ्य प्रबंधन प्रभाग)

S.No	Course Title	Duration	From	To
1.	Crop specific AESA - Rice	90days	06.12.2012	05.03.2013
2.	Crop specific AESA - Pulses and Oil seeds	60 days	26.07.2012	23.09.2012
3.	Crop specific AESA - Vegetables	30 days	06.09.2012 01.11.2012	05.10.2012 30.11.2012
4.	Agro Ecosystem Analysis (AESA) & Ecological Engineering for Pest Management	21 days	26.07.2012 06.09.2012 01.11.2012 06.12.2012	15.08.2012 26.09.2012 21.11.2012 26.12.2012
5.	Production Protocol for Bioagents and Quality Assessment & Quality Management of Microbial Biopesticides	21 days	03.08.2012 10.12.2012 01.02.2013 24.05.2013	23.08.2012 30.12.2012 21.02.2013 13.06.2013
6.	Integrated Vertebrate Pest Management - 21 days(SAUs /ICAR)	21 days	22.12.2012 07.05.2013	11.01.2013 27.05.2013
7.	Certificate course on Urban Integrated Pest Management	15 days	02.07.2012 11.10.2012 03.12.2012 01.02.2013 01.04.2013	16.07.2012 25.10.2012 17.12.2012 15.02.2013 15.04.2013
8.	Production Protocol for Bioagents	11 days	03.08.2012 10.12.2012 01.02.2013 24.05.2013	13.08.2012 20.12.2012 11.02.2013 03.06.2013
9.	Quality Assessment & Quality Management of Microbial Biopesticides	10 days	14.08.2012 21.12.2012 12.02.2013 04.06.2013	23.08.2012 30.12.2012 21.02.2013 13.06.2013
10.	Farmer Field Schools (FFS) Methodology	8 days	12.07.2012 18.10.2012 24.01.2013	19.07.2012 25.10.2012 31.01.2013
11.	Pesticide Application Technology	8 days	22.10.2012 13.06.2013	29.10.2012 20.06.2013
12.	Safe and Judicious use of Pesticides (SJUP)	8 days	04.03.2013	11.03.2013
13.	Integrated Soil Nutrient and Weed Management (ISNWM)	7 days	26.07.2012 06.09.2012 01.11.2012 06.12.2012	01.08.2012 12.09.2012 07.11.2012 12.12.2012
14.	Integrated Rodent Pest Management (IRPM)	7days	08.08.2012 14.09.2012 04.10.2012 22.02.2013	14.08.2012 20.09.2012 10.10.2012 28.02.2013

15.	Plant Health Management in different Crops for Tobacco Board	7 days	28.08.2012 21.09.2012 09.10.2012	03.09.2012 27.09.2012 15.10.2012
16.	Urban Integrated Rodent Pest Management	7days	14.05.2013 18.06.2013	20.05.2013 24.06.2013
17.	Safe and Judicious use of Pesticides (SJUP)	5 days	14.08.2012 25.09.2012 20.11.2012 25.12.2012	18.08.2012 29.09.2012 24.11.2012 29.12.2012
18.	Ecological Engineering for Pest Management	5 days	27.08.2012 29.10.2012	31.08.2012 02.11.2012
19.	Apex level Training on Rodent Pest Management(RPM)	3days	28.01.2013	30.01.2013
20.	Sensitization Workshop on Rodent Pest Management (RPM)	2 days	26.11.2012	27.11.2012

Plant Quarantine & Policy Division (पादप संगरोघ एवं नीति प्रभाग)

S.No	Course Title	Duration	From	To
1.	Biosecurity & Incursion Management	21 days	24.07.2012 04.12.2012	13.08.2012 24.12.2012
2.	Quarantine Pest: Detection and Identification	21 days	04.09.2012	24.09.2012
3.	Stored Grain Pests and Phytosanitary Treatments (Methyl bromide & Phosphine fumigation)	21 days	22.01.2013	11.02.2013
4.	Timber and solid Wood Packing Material (SWPM) Pests and Phytosanitary Treatments (Methyl bromide & Phosphine fumigation)	21 days	22.01.2013	11.02.2013
5.	Harmonization of Phytosanitary procedures for SAARC countries (incl. Molecular diagnostics)	21 days	13.02.2013	05.03.2013
6.	Phytosanitary Treatments (Methyl bromide & Phosphine fumigation)	15 days	29.10.2012 28.01.2013	12.11.2012 11.02.2013
7.	Pest Surveillance	8 days	16.08.2012 11.10.2012 04.02.2013	23.08.2012 18.10.2012 11.02.2013
8.	Orientation for Post entry Quarantine Inspection Authorities - (PEQs- IAs)	6 days	02.07.2012 25.02.2013	07.07.2012 02.03.2013

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9.	Orientation for Phytosanitary Certificate (PSC) Issuing Authorities	5 days	10.07.2012 18.02.2013	14.07.2012 22.02.2013
10.	Pest Incursion Management	5 days	30.07.2012 10.12.2012	03.08.2012 14.12.2012
11.	Molecular Diagnostic Techniques	5days	06.08.2012 16.09.2012 13.05.2013	10.08.2012 20.09.2012 17.05.2013
12.	Plant Quarantine Procedures for Importers & Exporters	5 days	27.08.2012 19.11.2012 11.03.2013	31.08.2012 23.11.2012 16.03.2013
13.	Seed Health Testing	5 days	10.09.2012	14.09.2012
14.	Forced Hot Air Treatment (FHAT)	5 days	02.07.2012 06.09.2012 15.10.2012 01.04.2013	06.07.2012 10.09.2012 19.10.2012 05.04.2013
15.	Stored Grain Pests - Detection & Identification	5 days	21.01.2013	25.01.2013
16.	Timber and Solid Wood Packing Material (SWPM) pests – Detection & Identification	5 days	21.01.2013	25.01.2013
17.	Pest Risk Analysis	3 days	23.07.2012 03.12.2012	25.07.2012 05.12.2012
18.	Fruit flies – Monitoring & Identification	3 days	03.09.2012	05.09.2012
19.	Quarantine Weeds - Detection & Identification	3 days	06.09.2012	08.09.2012
20.	Refresher course on Phosphine fumigation	3 days	03.10.2012 26.12.2012	05.10.2012 28.12.2012
21.	IBSA – PRA workshop	3 days	10.10.2012	12.10.2012

II. Exclusive Programmes for Officers of Directorate of PPQ&S

केवल पौध सं. सं. एवं भं. निदेशालय के अधिकारियों हेतु कार्यक्रम

S.No	Course Title	Duration	From	To
1.	Induction Training Programme for New Recruits of DPPQS	90 days	04.06.2012 19.11.2012	31.08.2012 15.02.2013

2.	Induction training for transferees to Plant Health Management Division	35 days	03.09.2012 02.04.2013	05.10.2012 06.05.2013
3.	Induction Training for Transferees to Plant Quarantine Division	35 days	03.09.2012 02.04.2013	05.10.2012 06.05.2013
4.	Refresher course on Pesticide Formulation Analysis (PFA)	21 days	11.10.2012	31.10.2012
5.	Advances in Pesticide Residue Analysis(PRA)	8 days	18.03.2013	25.03.2013
6.	Refresher Training Programme - Plant Health Management	7days	14.09.2012 07.03.2013	20.09.2012 13.03.2013
7.	Refresher Training Programme - Plant Quarantine	7 days	03.01.2013 07.03.2013	09.01.2013 13.03.2013

III. Programmes Open for Industry and Civil Society (Payment basis) उद्योग एवं नागरिक संगठनों हेतु कार्यक्रम (भुगतान आधारित)

Pesticide Management Division

S.No	Course Title	Duration	From	To
1.	Pesticide Formulation Analysis	84 days	19.06.2012 03.01.2013	10.09.2012 27.03.2013
2.	Pesticide Residue Analysis	30 days	19.11.2012 01.04.2013	18.12.2012 30.04.2013
3.	Instrumental Methods of Pesticide Analysis	21 days	22.08.2012 07.03.2013	11.09.2012 27.03.2013
4.	Refresher course on Pesticide Formulation Analysis (PFA)	21 days	11.10.2012 09.04.2013	31.10.2012 29.04.2013
5.	Advances in Pesticide Residue Analysis(PRA)	8 days	05.11.2012 02.01.2013	12.11.2012 09.01.2013
6.	Organization & Management of Pesticide Testing Laboratories	2 days	02.07.2012 24.09.2012 08.10.2012	03.07.2012 25.09.2012 09.10.2012

Plant Health Management Division

S.No	Course Title	Duration	From	To
1.	Production Protocol for Bioagents and Quality Assessment & Quality Management of Microbial Biopesticides	21 days	03.08.2012 10.12.2012 01.02.2013 24.05.2013	23.08.2012 30.12.2012 21.02.2013 13.06.2013

2.	Certificate course on Urban Integrated Pest Management	15 days	02.07.2012 11.10.2012 03.12.2012 01.02.2013 01.04.2013	16.07.2012 25.10.2012 17.12.2012 15.02.2013 15.04.2013
3.	Production Protocol for Bioagents	11 days	03.08.2012 10.12.2012 01.02.2013 24.05.2013	13.08.2012 20.12.2012 11.02.2013 03.06.2013
4.	Quality Assessment & Quality Management of Microbial Biopesticides	10 days	14.08.2012 21.12.2012 12.02.2013 04.06.2013	23.08.2012 30.12.2012 21.02.2013 13.06.2013
5.	Plant Health Management in different Crops for Tobacco Board	7 days	28.08.2012 21.09.2012 09.10.2012	03.09.2012 27.09.2012 15.10.2012
6.	Integrated Rodent Pest Management (IRPM)	7days	04.10.2012	10.10.2012
7.	Urban Integrated Rodent Pest Management	7days	14.05.2013 18.06.2013	20.05.2013 24.06.2013
8.	Ecological Engineering for Pest Management	5 days	27.08.2012 29.10.2012	31.08.2012 02.11.2012

Plant Quarantine & Policy Division

S.No	Course Title	Duration	From	To
1.	Stored Grain Pests and Phytosanitary Treatments (Methyl bromide & Phosphine fumigation)	21 days	22.01.2013	11.02.2013
2.	Timber and solid Wood Packing Material (SWPM) pests and Phytosanitary Treatments (Methyl bromide & Phosphine fumigation)	21 days	22.01.2013	11.02.2013
3.	Phytosanitary Treatments (Methyl bromide & Phosphine fumigation)	15days	29.10.2012 28.01.2013	12.11.2012 11.02.2013
4.	Plant Quarantine Procedures for Importers & Exporters	5 days	27.08.2012 19.11.2012 11.03.2013	31.08.2012 23.11.2012 16.03.2013
5.	Seed Health Testing	5 days	10.09.2012	14.09.2012
6.	Forced Hot Air Treatment (FHAT)	5 days	02.07.2012 06.09.2012 15.10.2012 01.04.2013	06.07.2012 10.09.2012 19.10.2012 05.04.2013

7.	Stored Grain Pests – Detection & Identification	5 days	21.01.2013	25.01.2013
8.	Timber and Solid Wood Packing Material (SWPM) pests – Detection & Identification	5 days	21.01.2013	25.01.2013
9.	Pest Risk Analysis	3 days	23.07.2012 03.12.2012	25.07.2012 05.12.2012
10.	Refresher course on Phosphine fumigation	3 days	03.10.2012 26.12.2012	05.10.2012 28.12.2012

IV. Programmes for Progressive Farmers (प्रगतिशील कृषकों हेतु कार्यक्रम)

1.	Phytosanitary Awareness Programmes for Progressive Farmers	3days	26.09.2012	28.09.2012
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V. Off Campus Training Programmes (संस्थान परिसर से बाहर प्रशिक्षण कार्यक्रम)

Programmes Under National Plan on Rodent Pest Management

1.	ANGRAU	7days	Aug, 2012
2.	TNAU, Coimbatore	7days	Aug, 2012
3.	AAU, Jorhat	7days	Nov, 2012
4.	PAU, Ludhiana	7days	Dec, 2012
5.	NAU, Gujarat	7days	Dec, 2012
6.	CARI ,Andaman	7days	Jan, 2013

Trainer Farmers Training on Rodent Pest Management

1.	Andhra Pradesh	5days	Aug, 2012
2.	Andhra Pradesh	5days	Aug, 2012
3.	Karnataka	5days	Sep, 2012
4.	Nagaland	5days	Nov, 2012
5.	Punjab	5 days	Dec, 2012
6.	Andaman	5days	Dec, 2012
7.	Tamil Nadu	5days	Feb, 2013
8.	Tamil Nadu	5days	Feb, 2013
9.	Gujarat	5days	Feb, 2013
10.	Bihar	5days	Mar, 2013
11.	Farmer Field School Programmes in Rodent Endemic Areas	50 Programmes	

Facilities

- Accommodation** : Available within the campus.
- Library** : Enriched with collection of journals and books of national & international repute.
- Audio-Visual-Aids** : The lecture rooms are equipped with modern audio-visual facilities.
- ICT** : Internet facility is provided to the participants.
- Medical Assistance** : A senior Medical Consultant visits the Hostel four times in a week.

How to Reach NIPHM

The Institute can be reached by APSRTC bus from Secunderabad Rly Stn by Bus No 5/92, 7/94, 8/94 directly or by Nos 5, 5K, 5M or 49M to Mehdiapatnam and from there by 92,92R,92S,92N,92E or 251 to NIPHM.

One can reach the Institute from Hyderabad Rly station by bus No. 92R (frequency is less). Bus No. 94R,94H, 94K or 194H from Koti ply via NIPHM.

Hyderabad International Airport is located about 15kms from NIPHM.

Transport Arrangement

Transport arrangement will be made from Airport & Railway Station, 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

Registrar

National Institute of Plant Health Management(NIPHM),

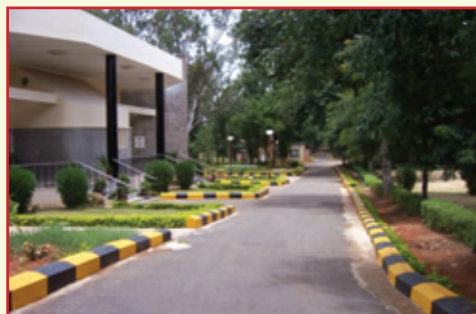
Rajendranagar, Hyderabad 500 030

Telephones : +91-40-24011633, +91-40-24015374, +91-40-24015378

Tele-fax : +91-40-24015346 / 24015053,

E-Mail : niphm@nic.in (or) infoniphm@nic.in (or) registrarniphm@nic.in

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



NATIONAL INSTITUTE OF PLANT HEALTH MANAGEMENT

(An autonomous Organisation under DAC, Ministry of Agriculture, Govt. of India)

(Formerly National Plant Protection Training Institute)

Rajendranagar, Hyderabad – 500 030, Andhra Pradesh, INDIA

Phone No. +91-40-2401 1633, Tele-fax: +91-40-2401 5346 / 24015053