

ICAR Sponsored short course training programme

on

Risk Assessment and Management of Non-Insect Pests for sustainable Agriculture

Jan 07, 2019 to Jan 16, 2019

Patron

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Course Convener

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Course Director

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Course Coordinators

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DEPARTMENT OF ENTOMOLOGY
N.M. COLLEGE OF AGRICULTURE
NAVSARI AGRICULTURAL UNIVERSITY
NAVSARI - 396450 (GUJARAT) INDIA



Background Information:

Agriculture has been facing the destructive activities of numerous non-insect pests from time immemorial, leading to radical decrease in yields. Non insect pests are constantly being introduced to new areas either naturally or accidentally, or in some cases, organisms that are intentionally introduced become pests. Global trade has resulted in increased numbers of invasive non-native pest species being introduced to new areas. There is a group of animal other than the insects, which cause the considerable yield losses to agricultural crops and commonly called as non-insect pests. It includes mites, nematodes, molluscs, rodents, depredatory birds and mammals (monkey, wild animals etc.). Controlling the non-insect pests presents an unparalleled challenge worldwide. There is an urgent need to acquaint and train researchers, academicians and technical personnel of Plant Protection across the country on non-insect pests having economic importance, their occurrence in different areas, on different crop stages and their relation to climate change by accumulating various management strategies. Furthermore, pest risk assessment is made to determine whether a pest should be regulated and the strength of any phytosanitary measures to be taken against these invasive pests. The pest risk assessment is a tool to know the likelihood of entry, establishment or spread of a pest within the territory of an importing country, and in relation with potential biological and economic consequences. It is also the evaluation of potential for adverse effects on human, domestic animal health and wild life. This training will helpful to the participant in updating their knowledge about non insect pests and associated risk to ecosystem.

Objectives:

1. To impart training on identification and risk assessment of non-insect pest with their economic importance in various ecosystem.
2. To provide practical exposure on advance tools and techniques of holistic management of non-insect pest for sustainable agriculture.

Course Content:

- 1) Current status of non-insect pests in India
- 2) Advances in Rodents Management
- 3) Advances in Vertebrate Pest Management
- 4) Acari as a pest of Agri-horticultural crops
- 5) Snail and Slugs and Crop Protection
- 6) Avian Pests and Crop Protection

- 7) Plant Nematode and Crop Protection
- 8) Wild life protection act and non-insect pest
- 9) Pest Risk Assessment: A tool to minimize threat of non-insect pests to agro-ecosystem.

Faculty:

In addition to the faculty of Navsari Agricultural University, special lecture(s) of some eminent scientists will also be arranged.

Eligibility:

The short course is open for Teachers/Researchers/ Extension Personnel of SAUs and ICAR Institutes of the rank of Assistant Professor or equivalent and above with preferable specialization in Entomology/Plant Pathology/Plant Protection and Nematology. The intending applicants may submit their nominations through proper channel so as to reach to the Course Director on or before 21st November, 2018 for consideration. The total number of participants shall be limited to 25. Application will be considered on "First Come First serve Basis". Applications sent directly by the applicants will not be considered.

Duration: 10 days (7th -16th January, 2019)

Venue:

The short course will be held at Department of Entomology, N.M. College of Agriculture, Navsari Agricultural University, Navsari which is located in the southern part of Gujarat state on the banks of river Purna. Navsari is 30 km away from Surat which is famous for diamond industry and also regarded as textile hub of India. Navsari on the other hand is the birth place of Dadabhai Nauroji and Jamshedji Tata. Historical place Dandi is located 14 km away from university's main campus. Navsari Railway station and Main bus stand are located 3 and 7 kms from NAU main campus, respectively. The weather during January remains pleasant with maximum temperature of 25-27°C and minimum temperature of 16-18°C.

TA/DA:

The participants will be paid to and fro travel fare for journey by train or bus as the case may be, by the shortest route on the production of original ticket/receipt. The payment will be restricted to III A/C fare on

production of a copy of the ticket (s). Air travel will not be reimbursed. *In lieu* of incidental charges during travel, DA will be reimbursed as per the rules. The participants travelling by bus will be paid actual fare on production of original ticket or receipt limited to AC III tier.

Boarding and lodging:

All the participants will be provided free boarding and lodging by NAU, Navsari (Gujarat) in the University New Kisan Ghar/ Guest House as per ICAR/SAU's of Gujarat guidelines of short course/training wherein they should abide by its rules and regulations. Please do not accompany family members during training programme.

Registration of Participants:

Participants should register online in the Capacity Building Programme (CBP) portal (<http://cbp.icar.gov.in/>) by creating an account for submission of application. The application in prescribed performa should be accompanied by a fee of Rs 50.00 (Rupees Fifty only) in the form of Demand draft in favour of the **Comptroller, Navsari Agricultural University, Navsari** payable at State Bank of India, NAU branch, Navsari (Branch Code 3889, IFSC code SBIN0003889). A printed copy (advance copy) of the application duly signed and approved by the competent authority should be scanned and uploaded on the CBP portal. The same copy (Advance copy) may also be emailed to: noninsect2019@gmail.com and cc to abhishekshukla@nau.in and shinde.3112@nau.in An application should be send through respective controlling officer of the University/Institute to the Course Director, Short Course latest by 21/11/2018. The selected candidates will be informed by 27/11/2018 and they should confirm their participation on or before 30/11/2018 through email failing which their seat will be given to the waitlisted candidates.

Key dates:

- Last Date for receipt of application: 21/11/2018
- Notification of selection: 27/11/2018
- Last Date for confirmation by participant: 30/11/2018

How to reach:

The nearest domestic airport is at Surat, 30 km north to Navsari, with the other international terminals

being the *Chhatrapati Shivaji* International Airport at Mumbai, 230 km to the South and the *Sardar Vallabhbhai Patel* International Airport, Ahmedabad to the North, approximately 300 km from Navsari. Navsari is well-equipped with latest facilities of transportation system, which lies on the Mumbai-Ahmedabad Western Railway link. The city has its own railway station that has direct trains to neighboring cities of Gujarat and other states of India. Navsari is well connected by NH 228 also known as Sabarmati-Dandi Highway. NH No. 8 (Delhi-Mumbai) also passes besides the city, which is 10 km away from campus.

CONTACT DETAILS

All correspondence may be addressed to:

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PROFORMA FOR APPLICATION

A
recent
photo

1. **Full name (in Block letters):**
2. **Designation :**
3. **Present employer and address:**
4. **Address to which reply should be sent (in Block letters) (Tel. No; Mo; Fax and Email) :**
5. **Permanent address :**
6. **Date of birth :**
7. **Sex : Male/Female :**
8. **Teaching/Research/Professional experience (mention post held during last 5 years and number of publication) :**
9. **Marital status : Married/Unmarried :**
10. **Mention if you have participated in any Research Seminar/Summer/Winter School/Short course, etc during last 5 years under I.C.A.R./Other organization:**
11. **D.D. No. _____ of Dated: _____ of Rs 50=00 (Non-refundable) as Registration fee**
12. **Academic qualifications with details of degree, year of passing, class/Division/Institute from where passed.**

Date:

Place:

Signature of the applicant

13. **Recommendation of the Forwarding Institute**

Signature _____

Designation _____

Address _____

Date:

CERTIFICATE

This is to certify that the information furnished is verified with the office records and found correct.

Signature and Designation of the Sponsoring Authority