

Travel

ICAR-Indian Agricultural Research Institute, Pusa Campus is located in East Patel Nagar about 10 kms from “Maharana Pratap-ISBT”, 8 kms west of New Delhi Railway Station, and about 16 kms east of Indira Gandhi International Airport. Pre-paid taxi/auto can be availed at railway/airport/bus stations to reach at IARI, Pusa Campus, New Delhi. Participants have to make their own travel arrangements to and from ICAR-IARI, New Delhi

Important Dates

Last date of receipt of nominations
(through proper channel) **10th November, 2017**

Announcement of final list of participants **18th November, 2017**

For further information, please contact

Dr. Anupama

Head and Course Director
Division of Agricultural Chemicals
Lal Bahadur Shastri Centre
ICAR-Indian Agricultural Research Institute
Pusa Campus, New Delhi – 110012
Fax: 011-25843272
Phone: 011-25841390/011-25843272/08920154670
e-mail: anupama.chikara@gmail.com

Core Staff (Course Coordinators)

Dr. Anirban Dutta

Scientist
e-mail: anirban.iari@yahoo.com
Mobile: 08505857375

Dr. Aditi Kundu

Scientist
e-mail: chem.aditi@gmail.com
Mobile: 08860313433

Dr. Indu Chopra

Scientist
e-mail: tinaindu@gmail.com
Mobile: 09953056972

Dr. Suman Manna

Scientist
e-mail: sumanag87@gmail.com
Mobile: 09015650979

Winter School

on

New generation smart agrochemical oriented approaches for crop and human health management

Sponsored by

Indian Council of Agricultural Research

(December 7 – 27, 2017)

Course Director

Dr. Anupama

Course Coordinators

Dr. Anirban Dutta

Dr. Indu Chopra

Dr. Aditi Kundu

Dr. Suman Manna



Division of Agricultural Chemicals
ICAR-Indian Agricultural Research Institute
New Delhi – 110012



Introduction

ICAR- Indian Agricultural Research Institute (IARI), popularly known as Pusa Institute is the leading national institute for agricultural research, education and extension in the country. It has been serving the cause of science and society with distinction through basic research, generation of appropriate technologies and development of human resources. Division of Agricultural Chemicals which was established on 14th November, 1966 at Indian Agricultural Research Institute (IARI), New Delhi when Government of India was in the process of formulating pesticide policy and enacting Insecticide Act. Since its inception, the Division has gone leaps and bounds in generating substantial knowledge on agrochemicals in general and crop protection chemicals in particular, for reference and use at the national level. The Division possesses a state of art of sophisticated instrumentation facility as well as experienced teaching and technical staff to cater the training on multidimensional aspects of new generation smart agrochemical oriented approaches for crop and human health management.

Objectives

The training programme will focus on various issues encompassing from the basic aspects of agrochemical research to the recent advancements on a holistic approach. New generation approaches for product development like *in-silico* synthesis, computational methodologies to smart agrochemical delivery systems and analytical approaches are prime features of the winter school. Strategies starting from synthesis/isolation of a bioactive molecule of synthetic and natural origin to their suitable need based delivery with particular concern to end-users and environment will be covered in detail, in this training. The training also aims at developing skilled human resource to take up research challenges in the field of pesticide analysis as well as bioactive natural products.

Course Contents

The course to be covered will include:

- Advanced approaches in the product development through *in-silico* synthesis and computational methodologies
- Key approaches in synthesis of agrochemicals
- Advancements in the area of bioactive molecules from natural origin
- Key approaches in formulations and delivery systems of agrochemicals
- Upcoming technologies for target oriented agrochemicals delivery
- Advanced analytical methodologies in the field of agrochemical research

Eligibility and Selection

The participants should have at least Master's Degree and working not below the rank of assistant professor and equivalent in the concerned subject under Agricultural University/ICAR Institute under NARES system. The participant should preferably be working/ associated in the area of crop protection/ production/ quarantine/ natural resource management/ analytical operations and allied aspects. Maximum intake of participants will be limited to 25 to this training on first come first serve basis.

How to Apply

Interested candidates should apply online through registering at CBP vortal (cbp.icar.gov.in) strictly following the guidelines. Hardcopy of successfully submitted online form along with the application should be sent to the course director through proper channel (recommended by competent authority) by post on or before last date of receipt of nominations. A scanned copy of the same (completed & duly signed) may be sent through email to the course director.

Note: A formal confirmation letter indicating the selection of candidates will be sent by email within a week of last date of receipt of nominations to which they should reply promptly with firm acceptance and travel plans.

Duration and Venue

This course is of 21 days duration and is offered during **December 7-27, 2017**. The participants are expected to arrive latest by the evening of December 6, 2017 and can leave after 1700 hrs on the last day of the programme. The programme will be held at the Division of Agricultural Chemicals, ICAR-Indian Agricultural Research Institute, New Delhi.

TA/DA, Boarding and Lodging

The lodging, boarding and travel expenses of the selected participants will be born under training programme budget as per ICAR guidelines. Accommodation will be provided at the Institute's Guest House on twin/multi-sharing basis. The travel expenses will be restricted to maximum AC-II tier train or bus fare by the shortest route. Participants are required to produce money receipt/tickets in support of their claim. Air fare will not be reimbursed under any circumstances. The reimbursement will be made as per ICAR guidelines. Participants are requested not to bring any family member along with them.



कृषि रसायन संभाग
भा.कृ.अनु.प.- भारतीय कृषि अनुसंधान संस्थान
नई दिल्ली-११००१२, इंडिया
Division of Agricultural Chemicals
ICAR- Indian Agricultural Research Institute
New Delhi – 110012, India



APPLICATION FORM

Winter School on

New generation smart agrochemical oriented approaches for crop and human health management

Name:

Designation:

Present employer and address:.....

Address for correspondence:

Telephone: Mob:.....Office:.....Home:

Fax:Email:.....

Date of birth:.....

Gender:.....

Education (Highest degree) :.....

Field of Specialization:.....

It is certified that all the information furnished by me is true to the best of my knowledge.

Date

Signature of applicant

Recommendation of forwarding authority with seal: