

Travel

ICAR-Indian Agricultural Research Institute, Pusa Campus is located in East Patel Nagar about 10 km from “Maharana Pratap-ISBT”, 8 km from New Delhi Railway Station, and about 16 km from Indira Gandhi International Airport. Pre-paid taxi/auto can be availed at railway/airport/bus stations to reach IARI, Pusa Campus, New Delhi. Participants are requested to make his/her own arrangement of transport to reach at ICAR-IARI, Pusa, New Delhi.

Important Dates

Last date of receipt of nominations (Through proper channel)	23 November, 2019
Announcement of final list of participants	30 November, 2019

For further information, please contact

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Head and Course Director

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Winter school

on

**Harnessing new generation green technologies
from plant, microbial and waste sources for
sustainable crop, environmental and human
health**

Sponsored by

Indian Council of Agricultural Research

(December 26, 2019 – January 15, 2020)



Course Director

Dr. Anupama Singh

Course Coordinators

Dr. Neera Singh

Dr. Suman Gupta

Dr. Parshant Kaushik

Dr. Neeraj Patanjali



**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 concepts of new generation green technologies for environmental sustainability, waste utilization for product development and delivery, mining of high quality biomaterials, nutraceuticals and pesticide remediation. Biosensors, advances in targeted delivery and characterization techniques, product registration and produce certification will also be covered. Strategies starting from synthesis/isolation of a bioactive molecule of natural origin (microbes, plant, agro-waste, marine waste) and their suitable need based delivery with particular concern to end-users and environment will also be covered in detail, in this training. The training specifically aims at developing skilled human resource to take up research challenges in the field of pesticide analysis as well as bioactive natural products.

Course Content

The course to be covered will include:

- Advances in environmentally sustainable green chemistry for crop protection/remediation
- Mining waste for bioethanol production, nutraceutical and specialtydf chemicals
- Pesticide decontamination approaches for sustainable agriculture
- Detection and analysis techniques for bioactive molecules
- Guidelines for biopesticide registration, testing and certification

Eligibility and Selection

The participants should have at least Master's Degree and working not below the rank of assistant professor and equivalent in relevant disciplines in SAUs/ICAR Institutes under NARES system. The participants should 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 portal (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 26, 2019– January 15, 2020**. The participants are expected to arrive latest by the evening of December 25, 2019 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
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Division of Agricultural Chemicals
ICAR-Indian Agricultural Research Institute, New Delhi – 110012, India



APPLICATION FORM

Winter School on

Harnessing new generation green technologies from plant, microbial and waste sources for sustainable crop, environmental and human health

Name:

Designation:

Present employer 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: