ICAR Sponsored Short Course
New Frontiers in Biotic Stress Management for Doubling Farmers Income
Format for application
(Tape or write in capital letters)
Name (Dr/ Mr/ Mrs/Mrs.):
Date of Birth:
Designation/Occupation:
Area of specialization:
Years of experience:
Presently working as:
Organization working for:
Signature of the applicant:
Recommendations of the Head of Dept.:
Institution with Signature and Seal:
Address for correspondence:
Phone:
Fax:
Mobile:
E-mail:
Accommodation required: Yes/ No

Please Note:
The applicant's should submit their application online using CDB portal through http://nimb.resourecollection.org or under the link Capacity Building Program at http://dbp.icar.org.in. Login using user id and password. To create user id, use create new user link. After login, click on participation in training link and fill in the proforma. After filling the online application, take a printout of the application and get it approved by the competent authority of the organization. Upload the scanned copy of application at CDB home page. Also sign copy along with the postal order/demand draft for Rs 50/- in favour Director NIBSSM payable at Raipur through proper channel may be sent to CSE-1, Director of Short course by post.

Who Can Apply:
The short course is open for participants to the rank of Assistant Professor/ Scientist/ Senior Scientist or equivalent working in ICAR, SAU, IIVK&VCA can apply for this training programme.

Date and Venue:
The training will be organized from 11th to 20th September, 2017 at the ICAR-NIBSSM, IGKV Campus, Raipur (C.G.).

- Applicants will be selected on first-come-first-served fulfilling basic criteria.
- Last date for receiving applications is 14th August, 2017.
- Local participants will not be provided accommodation.

Important Dates:
- Last date for receipt of application: 14/08/2017
- Instructions to selected candidates 22/08/2017

For more information write to

Dr. Anil Dixit
ICAR-NIBSSM, IGKV Campus, Raipur (C.G.)

Organized by
ICAR-National Institute of Biotic Stress Management (NIBSSM), Raipur, Chhattisgarh

Sponsored by
Indian Council of Agricultural Research
New Delhi

Introduction
The country is facing a very serious challenge of achieving food and nutritional security for its burgeoning population along with the fast decreasing arable land. There is an urgent need for developing a strategy for assessing the present trend of crop productivity vis-a-vis the potential yield of unique crop systems, so that specific crop plants can be taken up for breeding the yield gaps, which in turn will contribute to the enhanced productivity of farming systems and doubling the farm income by 2022. Crop Protection has been one of the crucial farm production practices that have been practiced over the last two decades to enhance crop production. The biotic stresses (weeds, insects, diseases, nematodes, vertebrates,mites etc.) cause considerable reduction of crop yield; after year, estimated to be around 20-30% depending upon the attack of pest and pathogenic climatic variations. The biotic factors often make a wide range of treatments to the crop production. Crop failures due to presence of insects, disease, nematodes, weeds, red ants are threat to both crop production and productivity as well as to destroy the produce from any form of loss. If the losses caused by biotic stress are effectively controlled, a stable increase in food production is possible. This training thus emphasizes the role of plant protection component for successful management of biotic stresses to doubling farmers income. National Institute of Biotic Stress Management (NIBSSM) is an institute established as deemed to be university under the aegis of Indian Council for Agricultural Research, New Delhi.

Objectives
- To update researchers/extension workers in the field of biotic stress management techniques.
- To demonstrate the use of plant protection tools in managing biotic stresses.
- To make trainers aware of environmental issues related with the use of agrochemicals.

Contents
The training focuses on the following topics:
- Role of Weed management in Indian Agriculture
- Herbicide tolerant and insect resistance strategies
- Biological control strategies for insect and mites
- Different herbicides for promotion of farming outputs
- IPM tools in different field crops
- Application technique of pesticides
- Management of insects and diseases in field crops
- Biological approaches in biotic stress management

Facility: NIBSSM and IGKV have highly qualified and experienced faculty in all the disciplines of Plant Protection.

Course Director
Dr. Anil Dixit
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Course Coordinators
Dr. K. C. Sharma
Senior Scientist, Agri Entomology,
ICAR-NIBSSM, Raipur
E-mail: kcs400@gmail.com

Dr. P. Mooventhan
Scientist, Agricultural Extension,
ICAR-NIBSSM, Raipur
E-mail: amooventhan@yahoo.co.in

- Participants will be reimbursed maximum of Rs. 500/- train fare on the shortest possible route from the HQ to NIBSSM and back on production of documentary evidence.
- Participants will be provided free boarding and shared accommodation in the IGKV guest house.
- Travel plan and request for accommodation needs to be in advance.

How to Reach ICAR-NIBSSM, Raipur
The ICAR-National Institute of Biotic Stress Management (NIBSSM) is located on Raigar Road, Ranchi (C.G.). It is about 30 km from the main town Raipur railway station and is well connected by daily bus service.

Weather at Raipur
It will be mild but hot with little rains during the period of the training. The participants are advised to bring suitable clothes.

Places of Interest around Raipur and Naya Raipur
1. Jungle Safari
2. Purkhouti Mukutgan

Total Number of Participants: 25