

Registration

Application form for participation in "Training Program on ICT in Plant Protection".

Registration link:

(<https://www.manage.gov.in/trgModule/emailRegn.asp?tpno=HL&tpyear=FD FG>)

NO REGISTRATION FEE

IMPORTANT DATES

Last date for registration:
31st October 2023

Address for correspondence:

Course Coordinators:

Dr. Mukesh Sehgal

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For further information, kindly contact

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National Institute of Agricultural Extension
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NCIPM



Online Training Program on "ICT in Plant Protection"

6 to 10 November 2023



**Course Coordinators: Dr. Mukesh Sehgal
ICAR-NCIPM
&
Dr. G Bhaskar
MANAGE**

**Course Co-coordinators: Dr. Rekha Balodi
&
Dr. Raghavendra K.V.
ICAR-NCIPM**

ICAR- National Research Centre for Integrated Pest Management
New Delhi
&
National Institute of Agricultural Extension Management (Manage)
Hyderabad, Telangana

About ICAR-NCIPM

ICAR- National Research Centre for Integrated Pest Management (IPM) was established on February, 1988 to cater the plant protection needs of the country with changing agricultural and climate scenario. The Center is committed for devising ecofriendly and economical modules of Plant Protection for the farming community. With a vast collaborating network with State Agricultural Universities (SAUs) and Krishi Vigyan Kendra (KVKs) the center has evolved as node for disseminating IPM technology to farmers. Centre is involved in development of ICT based solutions for pest identification and forewarning along with implementation of e-pest surveillance and pest advisories through collaborative research programs with state governments and other commodity based ICAR-institutes.

About Manage

MANAGE was established in 1987, as the National Centre for Management of Agricultural Extension at Hyderabad, by the Ministry of Agriculture & Farmers Welfare, Government of India, as an autonomous Institute and was elevated as institute in 1992 and was rechristened as 'National Institute of Agricultural Extension Management'. MANAGE is entrusted with the responsibility of facing the challenges of agricultural extension in a rapidly growing and diverse agriculture sector by evolving and transforming extension organizations to

cater the current needs and capacity building.

About Training

Pests are major biotic constraint to achieve self-sufficiency in ensuring food security. Losses due to pests vary between 10-30% depending upon the genetic constituent of crop and the prevailing environment. Philosophy of Integrated Pest Management (IPM) has evolved over time through integrated crop production to integrated farming system targeted at improved crop health. IPM is a multi-tactical, multifaceted approach that aims at limiting pest population below threshold level and strives to achieve economic as well as ecological stability. Government of India, in the National Agricultural Policy, has laid special emphasis on Integrated Pest Management (IPM) and use of biotic agents to minimize the indiscriminate and injudicious use of chemical pesticides in agriculture. Needs of farmers in pest management revolves around pest diagnostics, surveillance, forecasting and dissemination of expert information in short time. Applications of ICT in plant protection range from e pest surveillance, e advisory, pest identification and forewarning. ICT with the recent advances applications of artificial intelligence will open new avenues for development of expert systems and decision support systems in plant protection. The aim of this training program is to appraise the participants

About the recent advances in field of ICT with respect to plant protection and their applications to combat the challenges like influence of climate change, changing pest dynamics.

These techniques may be utilized in economical as well as wide spread of information related to pests as well as their management.

Course content

- ICT in Agriculture.
- Advances of ICT in Plant Protection
- ICT tools in Plant Protection.
- e-Pest Surveillance and advisory.
- Expert and decision support system in Plant Protection.
- Important Softwares: Utilization & Constraints.
- Success stories.

Eligible participants

SMSs of KVK, Field functionaries and Progressive farmers of India

Note:

1. Participation certificates to the participants will be issued after successful completion of the training programme.
2. The e-version of resource book covering all the lectures will be provided to the participants and the speakers for their reference.