



Integrated Pest Management (IPM)

Insect pests cause huge economic loss to crops across the globe affecting total food production which is essential to meet the demands of growing human population. Avoiding such loss is of the immediate concern for all and this is achievable through Integrated Pest Management (IPM).

This course on IPM will cover the basics of insects and their dominance in nature, insects as pests, reasons for their outbreak resulting in crop loss, types of pests, and mode of surveillance, sampling methods and economic damage levels of pest populations. The course also explains about the principles and concepts of pest management and different components of IPM: legal, ecological, physical, cultural, mechanical, behavioral, biological, botanical, chemical and biotechnological approaches.

This course also talks on Integration of different IPM tactics, their pros and cons and Implementation of AESA - Agro-ecosystem Analysis in pest management. Lastly, successful IPM cases in Cereals (Paddy), Commercial Crops (Cotton, Sugarcane), Pulses (Redgram, Soybean), Oilseed Crop (Groundnut), Vegetable Crops (Cabbage, Tomato) and Fruit Crops (Mango, Grapes) will be discussed.

Who should attend IPM course

- Students of Agricultural Universities
- Faculty of SAU
- Agriculture Scientists in ARS
- NGOs in Agriculture
- Field Officers of Department of Agriculture / Horticulture
- KVK Subject Matter Specialist in Crop Protection
- Progressive Farmers/ Farming Community

Course content

Pest, definition and categories	IPM integration tactics
Principles of pest management	Agro-ecosystem analysis
Components of IPM	Successful IPM cases

At the end of the course, a participant should know about

- Pest survey, surveillance and methods of sampling
- Ecological management of pests
- Pest management by modifying insect development and behavior
- Pest management through innovative approaches
- Pros and cons of different IPM techniques and their integration
- Successful IPM cases

Certificates

Participation and Competency certificates will be issued by the Centre for Development of Technical Education (CDTE), IIT Kanpur and Commonwealth of Learning (COL), Canada to qualifying students based on their involvement and performance.

COURSE NAME

Integrated Pest Management

START DATE

October 08, 2018

DURATION

8 Weeks

PREREQUISITES

None

REGISTRATION

Open and free of charge

Instructors

Prof. Prabhuraj A.
UAS Raichur
Faculty Incharge

Prof. B.V. Patil
UAS Raichur

Prof. M. Bheemanna
UAS Raichur

Operations

Dr. Neeta Singh

Ms. Revathy KT

Mr. Deepak Kumar

Mr. Abhishek Shukla

Mr. K.K. Dubey

Ms. Sugatha Chaturvedi

Ms. Aparna Gaikwad

Mr. Aditya Vadlamani

Mr. Avinash Karnick

powered by

mookIT

<https://mookit.co>

REGISTER AT <https://www.agmoocs.in>

For more information contact: info@agmoocs.in