

Online Training on 'Climate-Smart Crop Protection Strategies'

14th to 16th October, 2025 (3 days)
10.00 AM to 1.00 PM

In collaboration with
ICAR-CRIDA, Hyderabad

Patron

Dr. Sagar Hanuman Singh, IPoS
Director General, NIPHM

Course Director

Dr. OP Sharma
Director (PHM)

Course Coordinator
NIPHM

Dr. Sudhakar K
ASO (Ento.)

Director
ICAR-CRIDA

Dr. Vinod Kumar Singh

Course Coordinator
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Dr. M. Srinivasa Rao
Head (DCS)

राष्ट्रीय वनस्पति स्वास्थ्य प्रबंधन संस्थान

कृषि एवं किसान कल्याण विभाग, कृषि एवं किसान कल्याण मंत्रालय - भारत सरकार

NATIONAL INSTITUTE OF PLANT HEALTH MANAGEMENT

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National Institute of Plant Health Management (NIPHM), an Autonomous Organization under the Department of Agriculture & Farmers Welfare, Ministry of Agriculture & Farmers Welfare (Government of India), is dedicated to promote sustainable and resilient farming systems across the country. In this endeavor, capacity-building programs, particularly in the area of '**Climate-Smart Crop Protection Strategies**', play a vital role in equipping professionals and stakeholders with the knowledge and skills required to address emerging agricultural challenges.

This online training program is being organized in **collaboration with the ICAR-Central Research Institute for Dryland Agriculture (CRIDA), Hyderabad**, the premier research institute in the country specializing in climate change research and dryland agriculture. Through this joint initiative, NIPHM aims to foster awareness and strengthen competencies in climate-resilient pest management approaches, eco-friendly plant protection practices, and adaptive strategies to mitigate the adverse impacts of climate change on crop health.

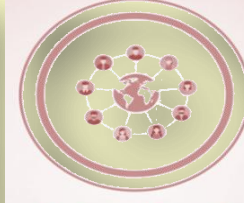
Benefits from Training Program



NIPHM & ICAR-CRIDA
Scientists & Experts



Interactive
Discussions & QA



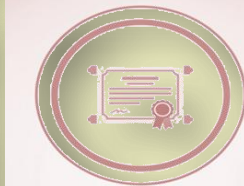
Networking &
Collaborations



Flexible online access,
attend from anywhere



Assessment &
Feedback



E-certificate
upon completion

Learning Segments of training program

1. Overview of climate change on Indian agriculture

Monsoon, yields and food security

2. Impact of climate change on insect pollinators

Declining populations, disrupted cycles

3. Abiotic stress management in Crops

Drought, heat and salinity tolerance

4. Climate change and its influence on soil health

Carbon, fertility and microbial life

5. Impact of climate change on plant disease outbreak

New pathogens, increased severity

6. Novel microbial formulations for abiotic stress management

Bio-inoculants for resilience

7. Impact of Climate Change on Insect Pests and their Management

Pest dynamics and eco-friendly management

8. Decision Support Systems for climate smart crop protection

Digital tools, pest surveillance & forecasting

9. Climate change mitigation through conservation agriculture

Minimal tillage, soil cover, crop diversification



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NIPHM

Eligibility Criteria:

Government Officials: The program is free for regular government officials. Extension officers and above from the State Departments of Agriculture/Horticulture of various states, along with Technical Officers and Scientific Staff of DPPQ&S, ICAR, SAUs, and KVKs, or any other government officials related to the subject, nominated by the proper authority may enroll and participate.

Non-Government/ Private Participants: Employees of private firms/colleges/ Universities/ Industry professionals/ contractual staff such as RA, JRF, SRF, YP/ NGOs/ UG/PG/Ph.D. students and other stake holders may be considered on a payment basis.

For private participants, a nominal fee of ₹1,770 (₹590 per day, inclusive of GST) is applicable.

Medium of training: English

How to apply: The participants may apply online at NIPHM website <https://niphm.gov.in/>

Please choose Training ID: 1145 & Course code: PHM 356



Registration Link:

[http://14.139.92.166/otr/\(S\(of2g4ojq0ih4zvync2api034\)\)/default.aspx](http://14.139.92.166/otr/(S(of2g4ojq0ih4zvync2api034))/default.aspx)

e-certificates will be issued upon successful completion of the training program

For more information please contact

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Course Coordinator

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'Climate-Smart Practices for a Resilient Tomorrow'