



**10 Days training
on**

**"Entrepreneurship Development Among the Students on Innovative
Technologies in Horticulture Production"**

(13th Mar 2023-22nd Mar 2023)

Organized by

**Department of Horticulture
In collaboration with**

ICAR-CAAST-National Agricultural Higher Education Project



**NATIONAL AGRICULTURAL HIGHER EDUCATION PROJECT
COLLEGE OF AGRICULTURAL ENGINEERING,
JAWAHARLAL NEHRU KRISHIVISHWA VIDYALAYA
JABALPUR, MP, 482004**

Project website: www.nahep-jnkvv.org

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Dr. P. K. Mishra

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Dr. Reena Nair

About Jawaharlal Nehru Krishi Vishwa Vidyalaya, Jabalpur

Jawaharlal Nehru Krishi Vishwavidyalaya established on October 2, 1964, is a forerunner university located in Jabalpur, Madhya Pradesh. The university has been awarded Sardar Vallabh Bhai Patel Outstanding University Award for the year 2018 by the Indian Council of Agricultural Research, New Delhi. The university has various constituent colleges, Agricultural Research Stations, and Krishi Vigyan Kendra's. The University offers Bachelor's, Master's, and Doctoral degrees in the Faculty of Agriculture, Horticulture and Agricultural Engineering. The University also offers diploma courses of two years in "Seed Production" and "Nursery Management" at Horticulture Vocational Education Institute, Garhakota, Sagar, MP.

About NAHEP

NAHEP is designed to strengthen the national agricultural education system in India with overall objective to provide more relevant and high-quality education to agricultural university students. This programme has been promoting efficiency and competitiveness through changes in working mechanism of agricultural universities, raising the teaching and research standards through improved research and teaching infrastructure and enhanced faculty competency and commitments, and making agricultural education more attractive to talented students. There are four key components under NAHEP, namely; Institutional Development Plan (IDP), Centers for Advanced Agricultural Sciences and Technology (CAAST), ICAR to support excellence in agricultural universities (AUs), and ICAR Innovation Grants to AUs

"Entrepreneurship Development among the students on Innovative technologies in Horticulture production"

This offline training is intended to cover the advancement in Horticulture. Horticulture sector is widely heralded as sunrise sector that provides the dynamic tool for improving economic conditions of the farmers and entrepreneurs, creating diversification opportunities with high value crops, increasing the productivity of land, providing nutritional security, generating employment, ensuring ecological sustainability and enhancing the export earnings. Skill - learning is an important progression of any academic institutions. Skill and knowledge are the motivating forces of the financial growth and community development. It has become important for students to continuously update their knowledge and skills in recent developments going on in the field of Horticulture to keep in pace with the globalization and the technological change. Hence, the training is proposed with following objectives:

Objectives:

- 1. Development of entrepreneurial skill among the students with respect to horticultural technologies**
- 2. Creating the knowledge about innovative technologies to make own startups in the field of horticulture**

Address for Correspondence

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Participants

University PG & PhD students of final years are invited to participate in this offline training program for 10 days. The participants have to nominate themselves from their **Head of the Institution/ Department**.

Registration Details:

The candidates have to confirm their interest for attending the training on following link, Participants also have to upload their nomination to the given link:

<https://forms.gle/K771xbjVkkjVspi39>

In case of any difficulty in uploading the Nomination, The interested candidate can send their nomination at sdnahep@jnkvv.org.

The last date to fill this registration form will be 7th March 2023. After that, applications will not be considered.

Terms and Conditions

- **Only nominated candidate will be considered for this 10-Days training program.**
- **Training seats are limited, the selection of participants will be finalized by project administration based on their eligibility and experience.**
- **NO TA/DA will be provided by NAHEP Project. The candidates will have to bear any travel cost to attend this training**



Training Title: “10 Days- Training on Entrepreneurship Development among the students on Innovative Technologies in Horticulture Production (13.03.2023 to 22.03.2023)

Schedule

Date	Time	Topic	Name of The Expert
13.03.2023	9:30 AM – 10:00AM	Inaugural	
	10:00 AM – 11:30 AM	Entrepreneurship in Hi-Tech Horticulture Nursery	Sh Ajay Banke, Entrepreneur
	11:30 AM – 1:00PM	Vegetable Grafting in Vegetables	Dr. Akhilesh Tiwari Prof
	1:00 PM – 2:00 PM	Lunch	
	2:00 PM – 5:00 PM	Automation in Protected Cultivation	Sh. Awasthi, Entrepreneur
14.03.2023	10:00 AM – 11:30 AM	Application of Artificial Intelligence in Horticulture	Ms Dhawal Gupta, Asstt Prof
	11:30 AM – 1:00PM	Application of Remote Sensing in Horticulture	Dr. M. K. Awasthi Prof
	1:00 PM – 2:00 PM	Lunch	
	2:00 PM – 5:00 PM	Practical's on Proximal Remote Sensing	Dr. Sumit Kakade, SRF (Plant Protection)
15.03.2023	10:00 AM – 11:30 AM	Role of Molecular Biology for horticulture improvement	Dr. Kirti Tantwai, Asst Professor, Biotechnology
	11:30 AM – 1:00PM	Entrepreneurship in Tissue Culture Technology	Dr. R. S. Sharma, Asst. Pro Biotechnology
	1:00 PM – 2:00 PM	Lunch	
	2:00 PM – 5:00 PM	Practical Demonstration of Tissue Culture technology	Dr. R. S. Sharma, Asst. Pro Biotechnology
16.03.2023	10:00 AM – 11:30 AM	Designing and Structuring of various Poly/nethouse	Entrepreneur, Agriplast Pvt Ltd
	11:30 AM – 1:00PM	Application of GIS in Horticulture	Dr. R. K. Nema, Prof
	1:00 PM – 2:00 PM	Lunch	
	2:00 PM – 5:00 PM	Advance cultivation Practices under Protected structures	Entrepreneur, Agriplast Pvt Ltd
17.03.2023	10:00 AM – 11:30 AM	Application of Drone technology in horticulture	Sh. Ashish Patel, Director Sky Agro
	11:30 AM – 1:00PM	Natural & Organic Farming- Prospects in Horticulture	Dr. A S Rajput, RM, RCONF, Nagpur
	1:00 PM – 2:00 PM	Lunch	
	2:00 PM – 5:00 PM	Demonstration of Drone Technology in the field	Sh. Ashish Patel, Director Sky Agro
18.03.2023	10:00 AM – 11:30 AM	Practical Demonstration of Hi-Tech Nursery	Sh Ritesh Yadav, Entrepreneur
	11:30 AM – 1:00PM	Role of HDP and Canopy management in fruit crops	Dr. S. K. Pandey, Prof & Head
	1:00 PM – 2:00 PM	Lunch	
	2:00 PM – 5:00 PM	Practical on quality Analysis of horticulture crops	Sh Manish Agrawal, Excellent Biotech lab Jabalpur
19.03.2023	Sunday		
20.03.2023	10:00 AM – 11:30 AM	Food Processing & Value Addition of Horticultural Crops	Dr. Vijay Agrawal, Asstt Prof Horti Poewarkheda
	11:30 AM – 1:00PM	Start up in Food Processing	Dr. S. S. Shukla Prof & Head Food Sci
	1:00 PM – 2:00 PM	Lunch	
	2:00 PM – 5:00 PM	Application of various machines and tools in horticulture	Sh. Dhananjay Kadam Asstt Prof.
21.03.2023	10:00 AM – 11:30 AM	Pre-requisite to begin start-up in horticulture	Dr. S. B. Nahatkar, Prof & Head Ag Economics
	11:30 AM – 1:00PM	Mechanization in Horticulture	Dr. Atul Shrivastava, Dean Faculty Ag Engg.
	1:00 PM – 2:00 PM	Lunch	
	2:00 PM – 5:00 PM	Role of Integrated Farming System in sustainable Agriculture	Dr. P. B. Sharma, Dean, CoA, Jabalpur
22.03.2023	10:00 AM – 11:30 AM	Entrepreneurship in Seed Production of horticulture	Dr. Reena Nair Asstt Prof Horti
	11:30 AM – 1:00PM	Soil Testing and Tissue Analysis approach in horticulture	Dr. B. S. Dwivedi, Asstt Prof Soil Science
	1:00 PM – 2:00 PM	Lunch	
	2:00 PM – 3:00 PM	Start up in Organic input production	Dr. Rakesh Sahu, Asstt Prof
	3:00 PM – 5:00 PM	Valedictory Program	