

Target Audience:

PG, Ph.D. Students, Faculties, Scientists of Vasantao Naik Marathwada Krishi Vidyapeeth, Parbhani and from other Universities. Also farmers from different parts of Maharashtra business entrepreneur and others are eligible to register and are requested to take advantage of their hands on training course for self development.

About Selection :

- 1) The Whatsapp Group of the selected candidates will be formed and will be intimate at least one day before.
- 2) Alternatively Candidates can keep accessing the NAHEP-CAAST-VNMKV website (<https://nahep.vnmkv.org.in>) / QR code regarding the selection, preferable on the day before the start of the Training.
- 3) Certificates will be issued to those participants only who will complete Training.



Registration

Duration of Training: 28th Nov. - 08th Dec., 2023

Registration Fee (Non Refundable):

Training Fees: (Only for First Batch)

Rs. 500/- for Students

Rs. 2000/- for other

Registration is open till 25 November, 2023, up to 05.00 PM

Account Details :

Account Name : Comptroller, Vasantao Naik Marathwada AG

Account Number : 38639565001

Bank Branch : State Bank of India, MKV, Parbhani (MS) India.

IFSC Code : SBIN0020317

MICR Code : 431002203

Patrons

Dr. Indra Mani
Vice-Chancellor
VNMKV, Parbhani

Dr. R. C. Agrawal
National Director
NAHEP, ICAR, New Delhi

Chief Convenors

Dr. U. M. Khodke
DI & Dean F/A
VNMKV, Parbhani

Dr. Anuradha Agrawal
National Co-ordinator (CAAST)
NAHEP, ICAR, New Delhi

Convenor

Dr. G. U. Shinde
Principal Investigator
NAHEP, VNMKV, Parbhani

Dr. V. K. Ingle
DEC (Agri-Drones)
NAHEP, VNMKV, Parbhani

Training Coordinator

Er. Shraddha Muley
RA (Agri-Drones)
NAHEP, VNMKV, Parbhani

Dr. Omkar Gupta
RA (Agri-AGV's)
NAHEP, VNMKV, Parbhani



Two Weeks Workshop Cum Hands On Training

on

Drone Basics and Applications of Drones in Agriculture

28th Nov. - 08th Dec., 2023



Organized by

Centre of Excellence : Digital Farming Solutions for Enhancing Productivity by Robots, Drones and AGV's (DFSRDA)
Vasantao Naik Marathwada Krishi Vidyapeeth, Parbhani- 431 402 (M.S.) INDIA

About University

The Marathwada Krishi Vidyapeeth (Presently renamed as Vasantrya Naik Marathwada Krishi Vidyapeeth) established in 1972 on the basis of land grant pattern at Parbhani to fulfill the regional aspirations of fields, undertake research and facilitate technology transfer in marathwada region of Maharashtra.

Vasantrya Naik Marathwada Krishi Vidyapeeth (VNMKV) Parbhani, is one of the prestigious agricultural universities in India. Since its inception, it has gained recognition as an innovative organization in the term of education and research in agriculture. It takes care of research and facilitates agriculture technology transfer in marathwada region of Maharashtra .

About Project

The Centre of Excellence for Digital Farming Solutions for Enhancing Productivity by Robots, Drones and AGVs (DRSRDA) Under Center for Advanced Agriculture and Technology (CAAST) is being implemented in Vasantrya Naik Marathwada Krishi Vidyapeeth, Parbhani, Maharashtra Sponsored by National Agriculture Education Project (NAHEP) of Indian Council of Agriculture Research (ICAR), New Delhi and World bank .Government of India since 2019.

The main objective of this center is to upgrade the skill of PG /Ph.D students and faculties about advance in Agriculture science and technology. Facilities available in the NAHEP is hardware and software setup, Mechatronics, CAD/CAM/CAE, 3D Printers and Instrumentation Laboratories for Agribots, Agi-Drones and Agri-AGVs.

So that a holistic facility developed at this Center to raise the standard of current agricultural education system. In our center we had conducted 24 national /international training program and also we conducted 11 webinars in this total 11174 beneficiaries are gets benefitted.

As a part of this project, we are Two Weeks Workshop Cum Hands On Training on Drone Basics and Applications of Drones in Agriculture

Training Background

If you haven't noticed that Unmanned Aerial Systems (UAS), otherwise known as drones, have been impacting the agriculture industry lately, it may be time to crawl out of your winter hibernation. Drones are everywhere in the agricultural landscape and are being used to determine plant health, inventory plants, collect farm asset information, assess crop damage and even determine areas of low soil moisture. This information is proving useful to agricultural professionals in the context of precision agriculture and farm management.

This revolution is being fueled not only by advancements in drone platforms, but by improved sensors as well. Numerous lightweight cameras are now available that capture reflected light energy beyond that which is visible to the human eye. Reflected energy in areas called the Red-Edge and Near-Infrared are particularly useful for agricultural activities.

Objectives

1. Gain knowledge of rules and regulation of Drones
2. Gain partiale knowledge of Drone building
3. Basic knowledge of Drone data processing
4. Supportive knowledge to Remote Pilot Certificate course

Contents

- Basics of Drones
- Drone simulators
- Climatic parameter effect and pesticide concentration
- Working and modes of drone
- Different techniques related drones
- Procurement, Rules and regulation of Drone
- Remote pilot training for micro category drones
- Assembling of Drone

Communication about the selection:

The selected candidates will be informed at least Two days before the start of the training programme and all the communications regarding the training programme will be done individually. Alternatively, the candidates can keep accessing the CAAST- VNMKV website (<https://nahep.vnmkv.org.in/>) regarding the selection, preferable on the day before the start of the training programme.