



**Two Days Workshop cum Training**

**on**

# **“Effective E-Content Development for Education in Agriculture”**

**21-22 November, 2022**



**National Agriculture Higher Education Project**

**Centre of Excellence : Digital Farming Solutions for Enhancing Productivity**

**by Robots, Drones and AGV's (DFSRDA)**

**Vaswantrao Naik Marathwada Krishi Vidyapeeth, Parbhani (M.S.) INDIA**

## About University

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

Vasantao 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 Vasantao Naik Marathwada Krishi Vidyapeeth ,Parbhani , Maharashtra under National Agriculture Higher Education Project (NAHEP) sponsored by Indian Council of Agriculture Research (ICAR), New Delhi and World bank, Government of India since 2019. The main objective of this center is to train PG /Ph.D students and faculties about advances in Agriculture science and technology. Facilities available in NAHEP are 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 23 national /international training program and also we conducted 9 webinars. Total 9405 beneficiaries are gets benefitted across the globe.

As a part of this project, we are organizing Two Days Workshop cum Training on “Effective E-Content Development for Education in Agriculture” during **21-22 November, 2022.**

## Training Background

The National Education Policy (NEP), 2020, has paved the path towards revolutionizing the outlook of the education landscape in the country in general, and that of agricultural higher education.

The NEP 2020 recognizes the importance of leveraging technology in education to meet the current and future challenges of access and quality education for all. The policy pushes for acceleration in the “development of smart classrooms for using digital pedagogy and thereby enriching the teaching-learning process with online resources and collaborations”. A virtual classroom is an online space that simulates a live classroom. Through virtual classrooms, students stand to benefit from lectures delivered through video capture; quick access to video repository; any time access of lectures; live interaction / interactive learning; online assessments; personalized, inclusive learning experiences; etc. NAHEP, VNMKV, Parbhani established virtual classroom under Agri-Diksha. For understanding the virtual classroom concept and familiarization of E-content development in education two days workshop cum training is organized for faculty members of VNMKV, Parbhani.

## Contents

- e-Learning vs. e-Teaching
- Power of e-Content and flipped classroom
- Changed aspect of e-Content after COVID-19
- Common mistakes while producing e-Content
- Various ways to produce effective e-Content
- Types of cameras, their pros and cons
- Need of Chroma and Lighting Setup
- Magic of Teleprompter while facing Camera
- Real-time camera and power point mixing
- PPT Content at front / PPT Content at back
- Instant and effective video production process

(Workshop topics may vary according to requirement and availability of time)

## Objectives

1. To understand basic concepts of Agri Diksha & virtual Class Room.
2. To understand latest trends and concepts about instant E-Content production by faculty members.
3. To develop effective e-Contents using their own devices.

## Target Audience

Faculties, Scientists of Vasantao Naik Marathwada Krishi Vidyapeeth, Parbhani are eligible to register and are requested to take advantage of the training course for self development.

## Prerequisites for Training

1. Participants with basic computer, Internet and Android knowledge.
2. Participants should be ready with their own PPT's in pen drive.

## Resource Person



**Mr. Bhushan Kulkarni**  
(Pro Trainer)  
Knowledge Bridge, Ahmednagar



**Mr. Eknath Kore**  
(Administrator)  
Knowledge Bridge, Ahmednagar

## Application Form

1. Full Name (Block letters) : \_\_\_\_\_
2. Designation (Faculty) : \_\_\_\_\_
3. Office Name & Address : \_\_\_\_\_  
\_\_\_\_\_
4. Date of Birth : \_\_\_\_\_
5. Sex (Male/Female) : \_\_\_\_\_
6. Category (OPEN/OBC/SC/ST) : \_\_\_\_\_
7. Discipline : \_\_\_\_\_
8. Domicile State : \_\_\_\_\_
9. Affiliation : \_\_\_\_\_
10. Address for correspondence : \_\_\_\_\_  
(Including Phone, Fax & E-mail\*) \_\_\_\_\_  
Email must for intimation of selection. \_\_\_\_\_
11. Educational Qualification : \_\_\_\_\_
12. Professional Experience (Years) : \_\_\_\_\_
13. Current area of research/ Project : \_\_\_\_\_  
\_\_\_\_\_
14. Fellowship : \_\_\_\_\_
15. Awards : \_\_\_\_\_
16. Does your Current Research work/ Project needs digital tools AI, Robot, Drone, AGVs Application : \_\_\_\_\_
17. Publications (No.) : \_\_\_\_\_

Signature of Applicant

Date:

Place:

18. Certificate and Recommendation by forwarding authority. It is to certify that the information provided above is verified from the records and found correct. The applicant is recommended and nominated for attending the NAHEP sponsored Two Days Workshop cum Training on "Effective E-Content Development for Education in Agriculture" during 21-22 November, 2022.

Signature with seal of the Authority

Date:

Place:



**Two Days Workshop cum Training**  
on  
**“Effective E-Content Development for Education in Agriculture”**  
**21-22 November, 2022**

**Patrons**



**Dr. Indra Mani**  
Hon. Vice-Chancellor  
NAHEP-VNMKV, Parbhani



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

**Chief Convenors**



**Dr. D. N. Gokhale**  
Director of Instruction & Dean (F/A)  
VNMKV, Parbhani



**Dr. Anuradha Agrawal**  
National Co-ordinator  
NAHEP, ICAR, New Delhi

**Convenors**

**Dr. R.P. Kadam**  
Head,  
Dept. of Extension Education,  
VNMKV, Parbhani

**Dr. P. S. Kapse**  
Master Trainer & Core Team Member,  
NAHEP, VNMKV, Parbhani

**Dr. R. V. Chavan**  
Associate Professor,  
Dept. of Agril Economics,  
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**Dr. V. S. Bhalerao**  
Master Trainer & Core Team Member,  
NAHEP, VNMKV, Parbhani

**Dr. S. S. Phulari**  
Master Trainer & Core Team Member,  
NAHEP, VNMKV, Parbhani

**Training Coordinator**

**Dr. A. U. Waikar**  
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**Er. S. A. Kanwate**  
JE (CSE),  
NAHEP, VNMKV,  
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**Mr. N. G. Shahane**  
OA/CO  
NAHEP, VNMKV,  
Parbhani