

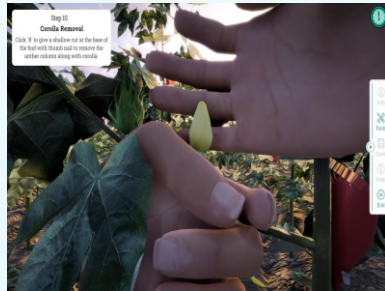
Important Dates

Last date for registration : 25.01.2023

Selection information to applicants : 27.01.2023

Last date for payment : 02.02.2023*

* Online fee payment details will be mailed to the selected participants



Organizing Co-ordinator :

**Dr. S. Sridevy, Associate Professor (Computer Science),
Department of PS & IT, Tamil Nadu Agricultural University
Coimbatore - 641 003, Tamil Nadu.
Phone : +91 9787111378 ; E-mail : sridevy.s@tnau.ac.in**

**All correspondence should be addressed to
Professor & Head**

**Department of Physical Sciences & Information Technology
Agricultural Engineering College & Research Institute
Tamil Nadu Agricultural University
Coimbatore - 641 003, Tamil Nadu.
Phone: (off) 0422 - 6611341
E-mail: physical@tnau.ac.in**



NAHEP



**TNAU - IDP - NAHEP - ICAR
TAMIL NADU AGRICULTURAL UNIVERSITY**

National Level Hands-on-Training on **Virtual Reality Based Education Modules**

8th - 10th February, 2023



**DEPARTMENT OF PHYSICAL SCIENCES & INFORMATION TECHNOLOGY
AGRICULTURAL ENGINEERING COLLEGE AND RESEARCH INSTITUTE**

&

**DIRECTORATE OF AGRIBUSINESS DEVELOPMENT
COIMBATORE - 641 003**

Background

Learners in the information era require gamification in education to enrich overall learning experience. To integrate the gamification in education technological intervention is in need. Cutting edge information technological solutions such as Virtual Reality (VR) and Augmented Reality (AR) are the suitable solutions to enhance teaching/learning/practicing process.

Using VR and AR technologies, fifteen reusable education modules are developed at TNAU under IDP, ICAR-NAHEP for under graduate agricultural education. These modules give immersive and interactive learning experience, eradicating the distractions and monotony in the learning process thus improvising the skillset.

Virtual Reality Laboratory, Augmented Reality Laboratory and Computer Aided Teacher Augmentation (CoATA) Laboratory are established at TNAU to experience the VR, AR and CoATA modules developed for the various use cases for better insights of the learning content. This training will focus on imparting experiences on virtual platform based education modules to the scientists of SAUs and other ICAR Institutes.

Objectives

The objective of this training is to train the scientists of SAUs and other ICAR institutes

- 1) to use the virtual platform based education modules in teaching process and
- 2) to develop storyboard towards the virtual platform modules

Course Content/Outline

- Module 1 : Introduction to Virtual Reality Platforms
- Module 2 : Virtual Reality Education Modules Experience
- Module 3 : Augmented Reality Education Modules Experience
- Module 4 : Computer Aided Teacher Augmentation Education Modules Experience
- Module 5 : Story Board Development

Eligibility

Scientists from SAUs and other ICAR Institutes

Duration

Three Days
8th-10th February, 2023

Venue

Virtual Platform Lab, Dept. of PS & IT, AEC&RI, TNAU, Coimbatore - 641 003

Training Fee

Rs. 11,800/- (Rs. 10,000/- + 18% Service Tax) per participant

Registration

Apply online through the Google Form Link

<https://forms.gle/Xt37ndCVf7G5ke1EA>



Online fee payment details will be mailed to the selected participants.