



NAHEP
Component 2 – RAES



Training Program
on

Operationalization and Usage of Agri-DIKSHA Web Education Channel

29th TO 31st MAY 2023

Course Coordinators

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<https://iasri.icar.gov.in/>

About National Agricultural Higher Education Project (NAHEP)

NAHEP Component-2 "Investment in ICAR Leadership in Agricultural Higher Education" would finance the carrying out of institutional reforms within ICAR to enhance ICAR's effectiveness in coordinating, guiding and managing agricultural higher education and its interactions with AUs and key stakeholders nationwide through interventions that increase the quality and relevance of agricultural higher education. As ICAR is responsible for national coordination and quality assurance of agricultural higher education, the component would leverage ICAR's comparative advantage in assessing systemic challenges across the ICAR-AU System and incubating solutions.

About Resilient Agricultural Education System (RAES)

ICAR, through World Bank supported NAHEP project, has recently undertaken Resilient Agricultural Education System (RAES) development initiative with lead implementing agency as ICAR-IASRI, to accelerate the achievement of key recommendations of the National Education Policy (NEP) 2020. The pivotal idea underlying the RAES development initiative is to provide uninterrupted access to teaching-learning thereby minimizing losses in learning. This implies the enablement of an agricultural higher education system that hosts the capability to operate seamlessly across multiple situations and contexts.

Digital Infrastructure

Infrastructure that enables digital agility to respond to changing needs of the education system

- Krishi Megh (ICAR-DC & DRC)
- Blended Learning Platform
- Unified Agricultural Higher Education Portal
- Virtual Classrooms
- Educational Mobile Applications
- e-governance Applications
- AR/VR Applications Experience Centers
- Academic Management System (AMS)

Digital Content

- Digital, engaging learning content that complements / supplements teaching-learning
- Curation of content from global universities, organizations
- Web and mobile based applications for open content creation and dissemination
- Augmented Reality/ Virtual Reality Contents

Digital Capacity Building

- Knowledge that facilitates access to and use of digital resources and infrastructure
- Identifying focus areas to foster teaching-learning equity
- Develop frameworks and capacity building plans

About Agri-DIKSHA

The National Education Policy (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.

Under Resilient Agriculture Education System (RAES) of National Agricultural Higher Education Project (NAHEP), the virtual classroom facilities have been established in agricultural universities. This facility is bundled with Agri-DIKSHA Web Education Channel which is an interactive portal for facilitating Classrooms faculty members to develop and broadcast virtual learning modules. These classrooms will be a part of the 'blended learning' method that combines on-line and in-person teaching/learning wherein quizzes, video lectures and other learning materials can be embedded in virtual learning modules.

Significant features of Agri-DIKSHA Web Education Channel

- High Quality virtual learning modules
- Lectures delivered through video capture
- Any time access of lectures
- Live interaction/interactive learning experience
- Quizzes and poll functionality
- Personalized, inclusive learning experiences
- Intelligent search mechanism
- Quick access to video repository
- Geographic, temporal and platform independence
- Online assessments
- Easy and seamless integration capabilities
- Security and data privacy

This capacity building program will provide a comprehensive understanding of operationalization and utilization of Agri-DIKSHA web education channel to all interested faculty members, nodal officers and master trainers.

Objectives

- To familiarize the participants about the operationalization of hardware component virtual classroom
- To educate the participants about the usage of software components of virtual classroom and Agri-DIKSHA.
- To Provide practical training on the different features and functionalities of Agri-DIKSHA Web education channel and Virtual Classroom.

Course Content

The three days' program has been structured in a series of classroom lectures and hands on sessions. The program will deal with the understanding the operationalization of virtual classroom components along with features of video recording and uploading. The sessions will also provide guidance on increasing the usage of Agri-DIKSHA amongst faculty members as well as students.

The main topics that would be covered are

- Hardware components of virtual classroom and their usage
- Panopto Software and its usage
- Features and functionalities of Agri-Diksha Web education channel
- Procedure of video recording and uploading on Agri-DIKSHA Web education Channel

Mode

Online through zoom

Duration

May 29-31, 2023 (3 Days)

Eligibility

- Faculties
- NAHEP Nodal Officers
- Master Trainers of Agri-DIKSHA and Virtual Classroom

Nominations

Interested personnel fulfilling the eligibility conditions can register themselves through following link: - [NAHEP Component2 \(icar.gov.in\)](https://icar.gov.in). The duly filled online form will be automatically submitted to ICAR nodal officer of respective university through education portal. After approval by ICAR nodal officer, the form will be completely submitted to ICAR-IASRI. The online registration is mandatory to participate in the training program.

For any query related to registration you may send email to: pmu.icar.iasri@gmail.com.

About ICAR-IASRI, New Delhi

The Institute ICAR-IASRI started its journey as a Statistical Section in 1930 in then Imperial Council of Agricultural Research has grown to a premier Institute of relevance to conduct research and to develop trained manpower for Statistical Sciences (Statistics, Computer Applications and Bioinformatics) and their judicious fusion in agricultural sciences for enriching quality agricultural research and informed policy decision making. The Institute also conducts M.Sc. and Ph.D. degree courses in Agricultural Statistics, Computer Application and Bioinformatics in collaboration with PG School, IARI, New Delhi. The Institute also conducts customized and sponsored training courses in Agricultural Statistics and Informatics at National and International level to be a leading Centre of excellence in Human Resource Development. ICAR-IASRI provides advisory and consultancy services for strengthening the NARES and undertaking sponsored research and consultancy for National and International organizations. ICAR-IASRI also provides methodological support in strengthening National Agricultural Statistics System and has established linkages with State Departments of Agriculture and allied fields, other Research Institutions, Industry, etc. It leads in development of Agricultural Knowledge Management Systems for NARES. There are six divisions in the Institute and the Institute is equipped with the modern facilities that include:

Computing facilities

The Institute has several computer laboratories well equipped with latest hardware and software packages along with modern teaching aids.

Library

The e-library has rich collection of books and journals on Statistics, Computer Science, Bioinformatics, and other related disciplines including on-line journals and bibliographic databases.

Credits

Dr. Rajender Parsad

Director, ICAR-IASRI

Dr. Alka Arora

Professor(CA) & Head (A)
Division of Computer Application

Dr. Sudeep Marwaha

Principal Scientist and PI
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