NAHEP — E-LEARNING PORTAL

Strengthening Agricultural Higher Education in India

Beneficiaries
Students and Faculty of Agricultural Universities

ABOUT THE PROJECT

The Project "**Investments in ICAR Leadership in Agricultural Higher Education**" is a Component-2 NAHEP project funded by the World Bank. **E-Learning activity** is one of the major activites of this project. The prime aim of this activity is to strengthen the Agricultural Higher Education in India by providing quality E-Courses to students.

To develop the E-Courses, ICAR - Indian Agricultural Statistics Research Institute (IASRI) has designed & developed **E-Learning portal** under the project which facilitates the online application submission along with the creation, review & management of the uploaded E-Courses. It functions as an online platform for networking & communication between the content creators and reviewers of courses.

Objectives

1. Revision of existing E-Courses & development of new E-Courses for UG.

2. Development of E-Courses for PG and Ph.D courses.

3. Deployment of E-Courses.

KEY FEATURES

1. Provides a user friendly interface for application submission by faculty of AgriculturalUniversities and ICAR Deemed Institutions for the roles of content creator, unit-reviewer and course-reviewer for the specified UG and PG E-Courses

2. It provides a platform for developing and reviewing the E-Courses.

3. The E-Learning Portal facilitates the selection of faculty for E-Course creation and review based on the guidelines provided by the advisory committee of the project.

4. The communication between the creator and reviewers is done through the portal itself, the corrections are suggested by reviewers and the finalized E-Content from the Course Reviewer is uploaded on the portal.

5. The system focuses on maintaining an up-to-date database and save the content uploaded by the faculty before review and after review along with all corrections.

6. It is hosted on Krishi Megh at ICAR -IASRI.

CALL 1

First Call invited applications to develop and review, E-Courses for **PG courses** from across 45 Agricultural Universities and ICAR Deemed Universities under NAHEP .

CALL 2

Second Call invited applications to revise and create **UG courses** from all Agricultural Universities and Deemed Universities across India.

CALL 3

Third Open Call invited applications for development and review of E - Learning course content for those **PG Courses** which were left unapplied in call 1.
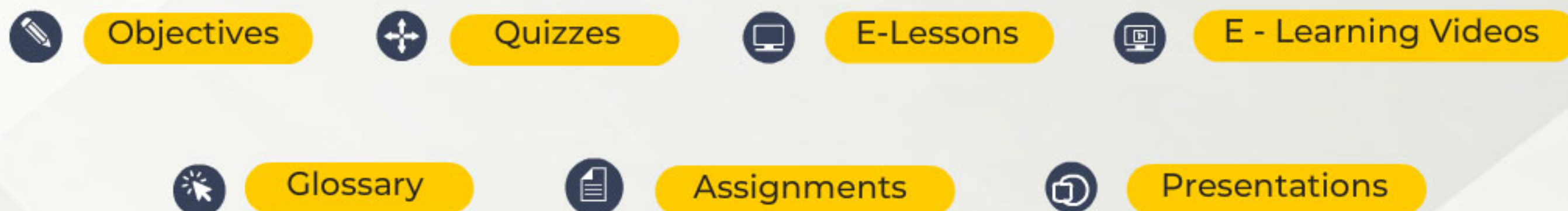
Courses at a Glance

UG Courses
- 9 Disciplines
- 171 Courses planned for revision
- 172 New courses planned for creation

PG Courses
- 18 BSMA Groups
- 72 Disciplines
- 144 Courses being created
- 706 Units

COMPONENTS OF E - COURSES

- Objectives
- Quizzes
- E-Lessons
- E - Learning Videos
- Glossary
- Assignments
- Presentations

USER ROLES

CONTENT CREATOR

The Content Creator of a Course in UG Courses and of a Unit in PG Courses is responsible for creating the E-Contents lecture wise, by following the E-Content structure and format guidelines available on the E-Learning Portal. Each lecture will be of maximum one hour.

UNIT REVIEWER

For each unit under a course, there is one Unit Reviewer. The role of the reviewer is to review the content created by the content creator for a particular Unit.

COURSE REVIEWER

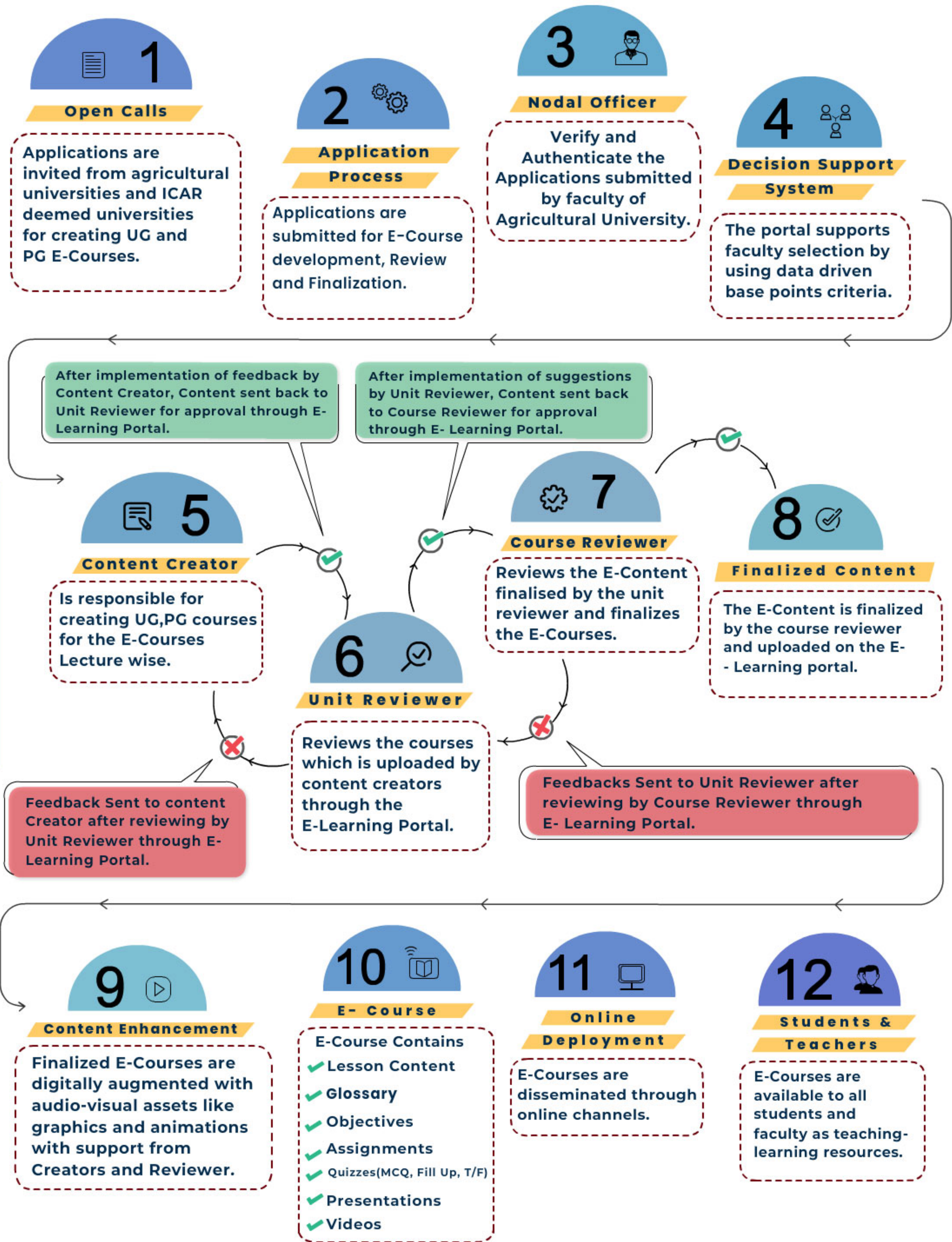The Role of Course Reviewer is to review all the content submitted by Unit Reviewers of a particular course and ensure the quality and delivery of the E-Course.

NODAL OFFICER

Verifies and authenticates the teaching experience and other details submitted by the faculty of the university at the time of Application Submission and coordinate with the faculty in timely completion of the E-Courses from the university.

E–Course LifeCycle

1 — Open Calls
Applications are invited from agricultural universities and ICAR deemed universities for creating UG and PG E-Courses.

2 — Application Process
Applications are submitted for E-Course development, Review and Finalization.

3 — Nodal Officer
Verify and Authenticate the Applications submitted by faculty of Agricultural University.

4 — Decision Support System
The portal supports faculty selection by using data driven base points criteria.

> After implementation of feedback by Content Creator, Content sent back to Unit Reviewer for approval through E-Learning Portal.

> After implementation of suggestions by Unit Reviewer, Content sent back to Course Reviewer for approval through E- Learning Portal.

5 — Content Creator
Is responsible for creating UG,PG courses for the E-Courses Lecture wise.

6 — Unit Reviewer
Reviews the courses which is uploaded by content creators through the E-Learning Portal.

7 — Course Reviewer
Reviews the E-Content finalised by the unit reviewer and finalizes the E-Courses.

8 — Finalized Content
The E-Content is finalized by the course reviewer and uploaded on the E-Learning portal.

> Feedback Sent to content Creator after reviewing by Unit Reviewer through E-Learning Portal.

> Feedbacks Sent to Unit Reviewer after reviewing by Course Reviewer through E- Learning Portal.

9 — Content Enhancement
Finalized E-Courses are digitally augmented with audio-visual assets like graphics and animations with support from Creators and Reviewer.

10 — E- Course
E-Course Contains
- ✔ Lesson Content
- ✔ Glossary
- ✔ Objectives
- ✔ Assignments
- ✔ Quizzes(MCQ, Fill Up, T/F)
- ✔ Presentations
- ✔ Videos

11 — Online Deployment
E-Courses are disseminated through online channels.

12 — Students & Teachers
E-Courses are available to all students and faculty as teaching-learning resources.