

https://education.icar.gov.in/elearningHomepage.aspx

# USER MANUAL

2019-2020

For Content Creators and Content Reviewers

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Investments in ICAR Leadership in Agricultural Higher Education Component-2, NAHEP



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## Reference Manual E-learning call 2



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## 1. Introduction

Education Division undertakes planning, development, coordination and quality assurance of higher agricultural education in the country, and thus, strives for maintaining and upgrading quality and its relevance. E-Learning plays a key role in delivering the quality education in scalable and flexible manner. It is a learning system based on formalized teaching with the help of electronic resources. It is one of the most engaging ways to study today. Since the learning is conducted online, students can study at their own pace and sometimes in their own time. It allows the teachers to reach out to a larger audience of students as compared to the traditional classroom where the number of students is restricted. Thus, a large number of learners have access to learning.

Several UG level e-Courseware contents were developed in seven disciplines (viz. Agricultural Science; Fisheries Science; Dairy Science; Veterinary & Animal Husbandry; Horticulture; Home Science and Agricultural Engineering). These were developed through partnerships and efforts of the components of the ICAR-Agricultural Universities (AUs) System comprising State Agricultural Universities (SAUs), deemed to be universities (DUs), Central Agricultural University (CAU) and Central Universities (CUs) with Agriculture Faculty at SAUs and other organizations under "National agricultural innovation Project".

E-Learning portal under NAHEP, Indian Council of Agricultural Research provides 24x7 services for online access to all the teachers, students and learners in the field of agricultural education. The courses then created under NAIP will be upgraded as per Fifth Dean Committee report and some new UG courses will be created under the light of NAHEP project funded by the World Bank.

## 1.1 Background

The mandate of ICAR/DARE includes promotion and coordination of education in agriculture, agroforestry, animal husbandry, fisheries, home science and allied sciences in the country. ICAR, through series of efforts over years, brought about uniformity in norms and standards in academics, governance and finance management, quality and relevance of education, and policies on human resource development in the country. ICAR is now embarking upon an ambitious step in further strengthening the National Agricultural Education System in the country through National Agricultural Higher Education Project (NAHEP) with financial assistance of the World Bank by investing on infrastructure, competency and commitment of faculty, and attracting talented students to agriculture.

The Project "Investments in ICAR Leadership in Agricultural Higher Education" is a Component-2 NAHEP project funded by the World Bank. It belongs to the main priority area of strengthening of agricultural education system (ICAR and Agricultural Universities) in India. E-Learning activity is one of its major modules. Its major aim is to strengthen the Agricultural Higher Education in India. During Oct-Dec 2019, first open call was conducted for the creation of e-content for PG Courses.

The major objectives covered under First Open Call of the project at ICAR-IASRI are as follows:

- To develop the ICT infrastructure as technical assistance to Agriculture Universities to develop digital information systems for agricultural education, data collection, analysis and dissemination;
- To develop and implement next-generation management systems covering information in regard to
  procurement to contract management and financial management areas Under the First Open Call, we
  invited applications from permanent teaching faculty of 45 Agricultural universities to create 144 PG courses
  for establishment of E-Learning/m-learning system through MOOC/LMS system for participating AUs is a
  Major activity.
- The main objectives of E-Learning activity are:
  - Revision of existing UG e-courses
  - o Development of e-courses for Under Graduates, Masters and PhD courses
  - Deployment of e-courses on MOOC/LMS platform

#### 1.2. Course Structure

### **Course Structure and Format to be used for Upgrading/Creating E-Course Content**

- 1. Course Name, University/College Name, Department Name
- 2. Lecture-wise breakup of the Course. (Around 10-15 Lectures)

## 1.3. Lecture Structure:

- Objectives of the Lecture in bullets (At least 2).
- Glossary of terms: 5-10 definitions of the main terms used in each Lecture
- E-Lecture: E-Learning content of the Lecture containing the Text, Tables and labelled Pictures (The content should be more in bulleted form or small paragraphs rather than big paragraphs).
- Questions/Answers: At least5-10 Questions (MCQ's, True/False, Fill Ups, Long answer type and short answer type) with their options and correct answers. (all the questionnaires are mandatory)
- At least 1 Assignment from each Lecture.
- A power point presentation for each Lecture of the course.
- Animations/ Explanatory Video (if any)

## 1.4. Lecture Structure:

- The e-Learning content should be created in MS-Word, using the font style: Times New Roman.
- Title of Unit and Lectures should be Bold and in 14 pts font size.
- The text should be written in 12 pts font size.
- All topics under the Lecture should have a Bold Heading and a Section No. (1, 2, 3...)Sub-sections should be numbered as 1.1, 1.1.1 etc

#### Table.1: Honorarium and Time Duration

	Total Unit Honorarium	Time Duration
Content Creator/ Reviser	Rs 15000 per Course	1 Month
Course Reviewer	Rs 15000 per Course	1 Month

## 2. How to Register

All The users who are willing to contribute in content creation or content review need to register as a new user in E-learning Portal.

Note: Only new users need to register, People who have once registered on the portal (for call- 1) need not to register again, they can use their credential to log in and apply.

All the agricultural university's user can click on Register here in the university log inSANPRA96 and complete the registration process by following the steps mentioned below.

All the deemed institute's users can register using the ICAR institutes Log in head and follow the same procedure as other university users.

- 1. On clicking on new user, the registration page, Registration form for university users opens upFig: 2.1
- 2. Enter your full name in the text area below the label Full Name.
- 3. Select discipline, designation and name of agricultural university's name from the drop-down list under their respective labels and also selected the radio buttons to mention if you are a nodal officer or not.
- 4. Enter your phone number and address for correspondence in the text area provided below the corresponding label.
  - 5. Select gender from the drop-down list below the label gender.
  - 6. Fill the email id contact number and password.
- 7. Click on the submit button to submit the registration form.

N∮HÉP		E-Learning Portal (Open Call for Course Content Creation and Review of e-Learning Courses Under NAHEP Component-2)				
НОМЕ	ELEARNING	CALLS CONTENT STRUCTURE	HONORARIUM SYLLABUS	DOCUMENTS		
Registration Form for University Users						
	Full Name (block letters	5)*				
	Discipline*		Select	<b>→</b>		
	Designation*		Select	•		
	Agricultural University*		Select	×		
	Are you Education Noda	al Officer of your University*	Yes No			
	Address for Correspond	lence *				
	Contact No. (Official)*					
	Mobile No.*					
	Wobile No.					
	Gender*		Select	•		
	Whether Faculty in the	Discipline or Not*	Select	•		
	Teaching/Research Expe	erience(No. of years)*				
	Email ID*					
	Password*					
	Confirm Password*					
	Commin Password					
		SUBI	иіт			
	rowse pages Learning rst Call ontent Structure onorarium		Get in touch with us  ELearning System under NAHEP Indian Council of Agricultural Research, Krishi Bhavan, Dr. Rajendra Prasad Road, New Delhi-110 001. INDIA Email: nahep.comp2@icar.gov.in			
A	dmin Login					

Fig 2.1: Registration Page for content developer and content reviewer

## 3. Log-in and apply

Once user have registered, He may Log in with email id and password. Fig:3 to further apply for content creator or reviewer. The State university users need to login using university Login and Deemed university users need to Login using Deemed University Login.



Fig 3: Login window for content developer and content reviewer

## 3.1 View Profile

The user may view his/her profile by logging in to the user Log in using his/her credentials. From there user can apply for and view their profile as in Fig 3.1

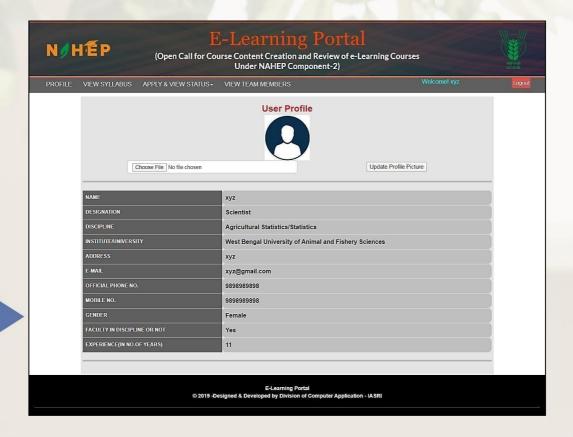


Fig 3.1: User Profile

## 3.2 Apply for content creation/ Revision/Reviewer

- i. Click on Apply and View Status option in navigation bar and select Apply for content creation and review as shown in Fig 3.2
- ii. Select the call you are applying for.

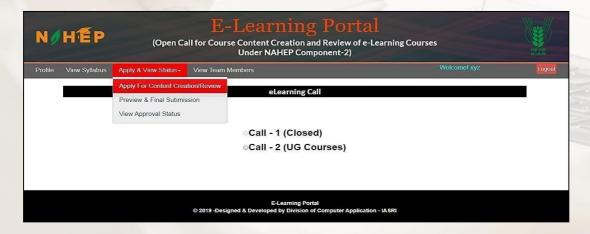


Fig 3.2: Apply for content creator window

- iii. Select UG Courses new if you want to apply for creating new courses and select UG courses revised if you want to apply for revision of already existing courses.
- iv. Select the number of times the course taught by you from the drop down list
- v. Click on Apply button to apply for the course .as shown in Fig 3.3

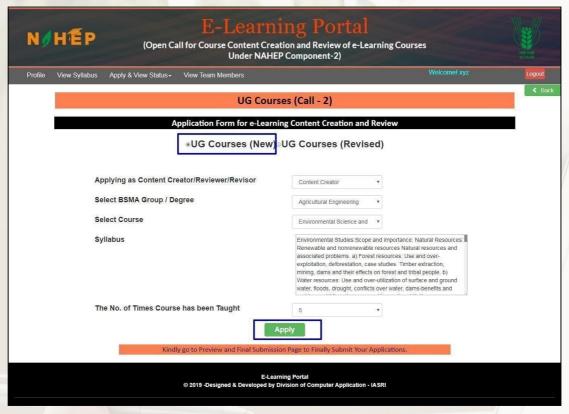


Fig. 3.3: Fill the course details and Apply

#### 3.3 Preview and final Submission

Select the preview and final submission option from the drop-down menu of apply and view status tab in navigation bar as shown in Fig 3.2

- i. All your applications are shown here in the grid view, user can preview the application and finally submit the application to nodal officer by clicking on final submit button as shown in Fig 3.4.
- i. The applications can also be removed by remove button in grid view.

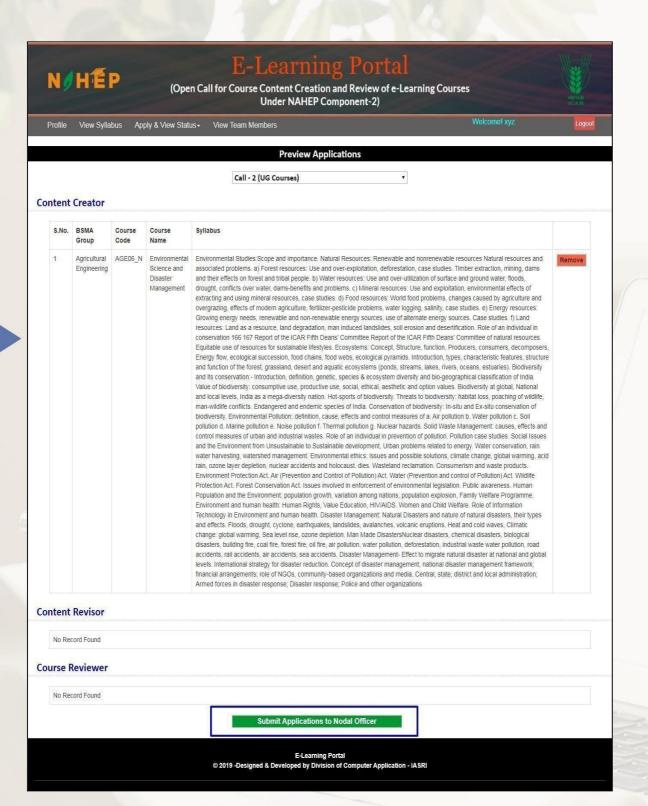


Fig. 3.4: Preview Application

## 3.4 View Application status

User can view his/her Application status using view application status option from the drop-down menu of the apply and view status tab in the navigation bar all the applications submitted to the nodal officer and their corresponding status will be populated in the grid vie as Shown in Fig. 3.5

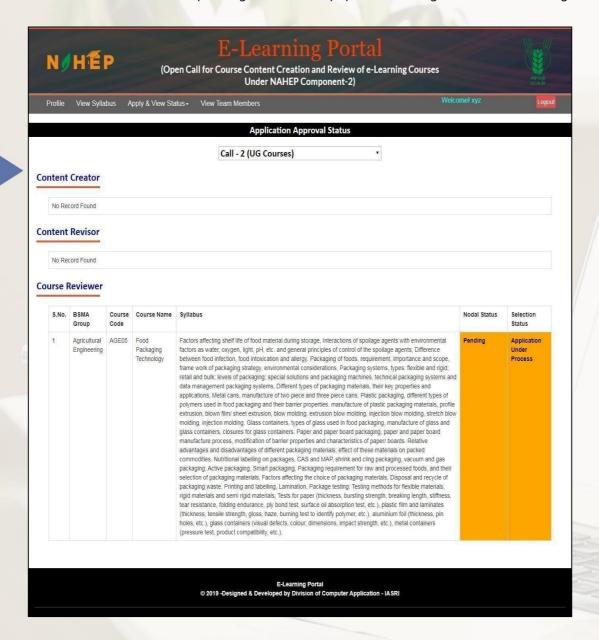


Fig.3.5: View Application Status Window

## 4. Nodal Officer

Nodal Officer is required to consider guidelines listed below to approve/disapprove all applications:

- Teaching faculty should have at-least 5 years of experience in teaching/research
- Should thoroughly examine an online application w.r.t. content creation/reviewing.

#### 4.1. Steps to Approve Applications

1. Select view & download users application option from the drop-down menu of the nodal officer tab, to view the applications. Fig:4.1

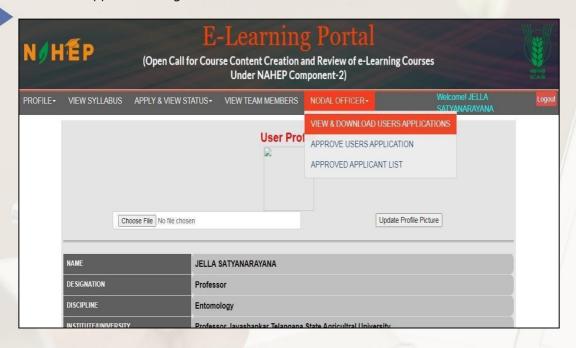


Fig. 4.1: Nodal officer Drop down menu

- i) Select the call and role of the applicant for which you want to view the application.
- ii) You can also export the details in excel for you convenience. By clicking on export to excel button as shown in Fig: 4. 2

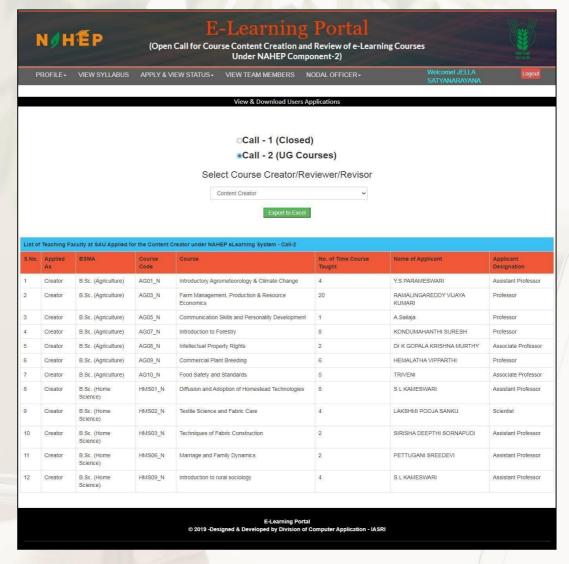


Fig 4.2: View Applications

- 2. Select the Approve user application option from the drop-down menu of the nodal officer tab to approve the applications of selected users.
- i) Select the call and role of the users for which you want to approve the applications
- ii) Click on the view application link to view more details of the applicants in order to approve the application
- Verify the details of the candidate against the three required check boxes and click on the submit list of shortlisted applicants' button as shown in Fig. 4.4.

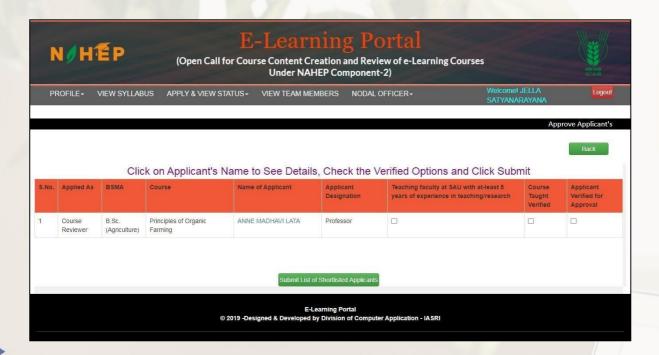
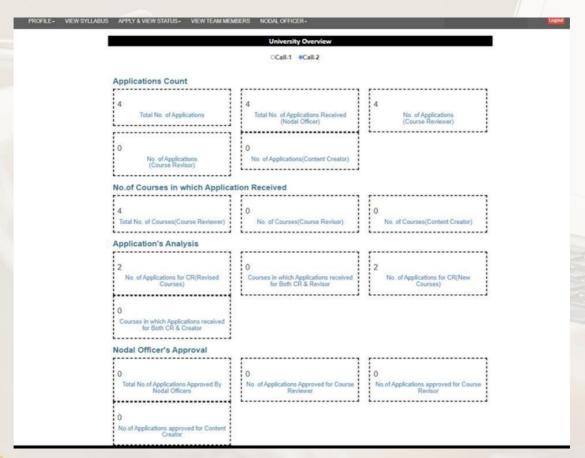


Fig.4.4: Approve applications (step 2)

#### 4.2. Call Status

Nodal officer can view the call status under the "view call status" option available in the nodal officer's drop down list. Nodal officers can see the status call wise as shown in fig: 4.5



## 5. Content Creator and Revisor

For development and revision of already existing Under-Graduate e-courses. For each e-course, one Content Revisor and one Course Reviewer selected. The syllabus for the courses is as per the prescribed UG curricula and syllabi of the Education Division, ICAR, New Delhi. Some of the already existing courses on "e-krishishiksha" portal will be upgraded as per Fifth Dean Committee Report.

## 5.1 Upload Lesson Numbers & Tittle

1. Login to E-learning portal using your credentials; select Content Creator from the menu, as shown below fig: 5.1

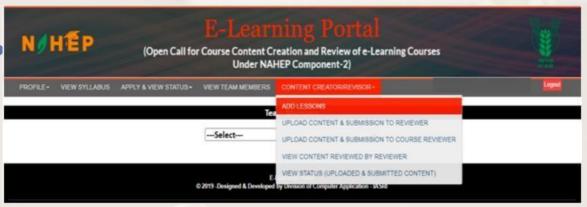


Fig 5.1: Content Creator/Revisor Menu

- i. First select the add lesson from the drop down menu of content creator.
- ii. Select the call, and click on the web link Click to Add Lesson shown in the grid view user will be directed to the Add Lesson webpage as shown in fig 5.2



Fig 5.2: Add Lesson/Lectures

- 2. On the Add Lesson webpage, the Course will be shown under which the Lessons need to be titled. Fig 5.3
  - i. Enter Lesson No. (Acceptable as Lesson1, Lesson2...., only \*without space\*) and Lesson Name by clicking on the Add New Lesson button.
  - ii. User validation check for Lesson No. and Name
  - iii. Specific Lesson name can be edited by clicking on the Edit button, in a row and later Update or Cancel the action
  - iv. Specific Lesson name can be deleted by clicking on the Delete button, in a row.



Fig 5.3: Add /Edit Lesson name

#### **5.2 Upload Content**

User can upload the content prepared by him/her using following steps:

- 1. Login from the Content Creator/Revisor tab-> select Upload Content from the menu, as shown below.
  - i. First select the call and the Courses will be available for which the user has added lessons.
  - ii. Click on link for selected Lesson and upload data as Fig. 5.4



Fig. 5.4: Upload Content for Selected Lesson

iii. User will be redirected to Content Creation webpage and upload the content. Content can be uploaded in the form of lesson content, presentation, video and questionnaire. Questionnaire will be having 15 questions each of following type: MCQ, True/False, Fill Up, Short Answer type and Long answer type. (Fig. 5.5)



Fig. 5.5: Upload Data

iv. After uploading the content, Disclaimer mentioned at the bottom of the web page (Fig. 5.6) Should be checked to ensure no copyright violation



Fig. 5.6: Check Disclaimer

v. After uploading the data and checking the disclaimer click on the "Click to Final submit the lesson content to Course reviewer" button (Fig. 5.7). The upload section will freeze once you submit the content to Course reviewer for that particular lesson



Fig. 5.7: Final Submit

## 6. Course Reviewer

For development and revision of already existing Under-Graduate e-courses. For each e-course, one Course Reviewer is selected. The course reviewer will review the course and will ensure that quality content is delivered to students.

#### **6.1 Review Content**

In order to review the content the course reviewer needs to follow the following steps:

1. Log in to E-Learning portal and select the "Review Course Content "option from the Course Content drop down menu as shown in Fig 6.1



Fig. 6.1: Course Reviewer Menu

2. The Course reviewers will be redirected to the quality points once He/She selects the call and Course. You need to read all the quality check points and click on proceed button to move ahead. As as Shown in fig 6.2

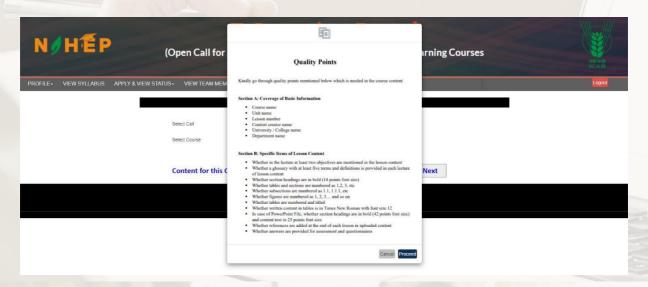


Fig 6.2: Quality Points

3. In case the unit reviewer has not submitted the content, the message shown in Fig 6.3 will be displayed.



Fig. 6.3: Content not Submitted window

4. Course Reviewer can take three actions corresponding to each lesson:

**Accept**: He could accept the lesson if the content is up to the mark by clicking on "Reviewed and accepted" button

**Send back for updation:** he can send the lesson back to content creator by clicking on button "Send to creator/revisor for update" button as shown in Fig. 6.4. He have to add some comments to make corrections in the given text area.

**Update File:** He can also upload a new file by choosing a file path and clicking on upload content button. as shown in Fig 6.4



Fig. 6.4: Review Content window

5. The course Reviewer need to click the Course content finalized button after reviewing all the files.