

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

Reference manual

E-learning portal

NAHEP E-Learning Portal
(Open Call for Course Content Creation and Review of e-Learning Courses Under NAHEP Component-2)

HOME | E-LEARNING | FIRST CALL | CONTENT STRUCTURE | HONORARIUM | SYLLABUS | REFERENCE MANUAL
GUIDELINES (CONTENT CREATION & REVIEW) ^{NEW}

Major Objective
To develop digital information systems for agricultural education, data collection, analysis and dissemination

LATEST NEWS
● e-Learning Call-1 Result has been Announced-21st March 2020!! Please login to see your result!! ● Portal is closed for Ap

| | | |
|---------------------------------------|-------------------------------------|--|
| 25 | 72 | 144 |
| No. of BSMA Group | No. of Discipline | No. of Courses (PG) |
| 706 | 923 | 2497 |
| No. of Units | No. of Registered Users | No. of Applications Received |
| 307 | 812 | 1378 |
| No. of Applications (Course Reviewer) | No. of Applications (Unit Reviewer) | No. of Applications (Content Creation) |

University Login

Registered E-Mail:

Password:

[Forgot Password?](#)

[New User? Register Here](#)

ICAR's Deemed University Login

(*ICAR Email Id User Login Here)

username@icar.gov.in:

Password:

[Forgot Password?](#)

Note - User Registration is not required for IARI, IVRI, NDRI and CIFE Users. Kindly login with @icar.gov.in Official Email Id.

USER ROLES

| | | | |
|---|---|---|---|
| Content Creator <input type="button" value="Read More"/> | Unit Reviewer <input type="button" value="Read More"/> | Course Reviewer <input type="button" value="Read More"/> | Nodal Officer <input type="button" value="Read More"/> |
|---|---|---|---|

Browse pages
eLearning
First Call
Content Structure
Honorarium
Admin Login

Get in touch with us
E-Learning System under NAHEP
Indian Council of Agricultural Research, Krishi Bhavan,
Dr. Rajendra Prasad Road, New Delhi-110 001, INDIA
Email: support.nahp@icar.gov.in

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1. Introduction

E-Learning is a learning system based on formalized teaching with the help of electronic resources. It is provided through electronic devices such as computers, tablets and even cellular phones that are connected to the internet. This makes it easy for users to learn anytime, anywhere with few, if any, restrictions. New technologies are changing the way learning is delivered and it has been found that visuals, apart from holding the attention of the student, are also retained by the brain for longer periods. E-Learning also enables educators to get a higher degree of coverage to communicate the message in a consistent way for their students. A learning management system (LMS) is a software application that is used to deliver eLearning. Instead of having the e-Learning content spread out over different hard drives and devices, LMS allows to store all of the eLearning materials in one location. Delivering the course through an LMS keeps the content centralized so that all the students have a single source of content, instructions and questions. Technology is the foundation, backbone, and catalyst of LMS. Technology provides endless opportunities for learning through apps, smartphones, videos, search engines, and other real-time information sources. This has grown into a medium with immense possibilities comprising of a world of skill improvement, enhancement of learning and understanding, and changing attitudes and behaviors in a period of time.

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 strove and 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. Its major aim is to strengthen the Agricultural Higher Education in India. The lead institute is ICAR- IASRI and the collaborating institutes are ICAR-NIAP and ICAR-NAARM. The major objectives of the project at ICAR-IASRI are as follows:

- To develop the ICT infrastructure as technical assistance to Agricultural 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 objective, establishment of e-learning/m-learning systems through MOOC/LMS system for participating AUs is a major activity. The main objectives of e- Learning activity are - The revision of existing UG e-courses, Development of e-courses for Masters and PhD courses, deployment of e-courses on MOOC/LMS platform and study one-Learning for inclusiveness of all students.

e-Learning Call

The call is meant for inviting the proposals from permanent teaching faculty at Agricultural Universities and ICAR deemed universities/ ICAR institutes with at-least 5 years of experience in teaching/ research for the development and review of e-Learning course content for master degree courses. For development of e-Learning course content, 2 mandatory courses from each M.Sc. discipline have been selected. The selected courses are mentioned in Annexure-I. The e- Learning material for these courses will be created under different Units. For each Unit, one Content Creator and one Unit Reviewer (Reviewer1) will be selected. For integrating and reviewing the complete course, one Course Reviewer (Reviewer 2) will be selected. The syllabus for the courses and the unit wise distribution is as per the prescribed PG curricula and syllabi of the Education Division, ICAR, and New Delhi.

The Course Structure and format for preparing the eLearning content under the Course Units and the Honorarium part is given below. The interested faculty can send their essential particulars along with the name of discipline, courses and units in which they are interested as Course Content Creator or Reviewer for creation of e-Learning courses in the Application Form attached as Annexure-II.

Course Structure and Format to be adopted for preparing eLearning Content

1. Course Name, Unit Name, Unit Instructor Name, University/College Name, Department Name.
2. Lecture wise breakup of the Unit. (8-10 Lectures)
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: eLearning 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 least 5-10 Questions (MCQ's, True/False/ Fill Ups) with their options and correct answers.
 - At least 1 Assignment from each Lecture.
 - A power point presentation for each Lecture of the unit.
 - Animations/ Explanatory Video (if any)
4. Format:
 - a) The e-Learning content should be created in MS-Word using the Times New Roman font style.
 - b) Title of Unit and Lectures should be bold and in 14pts. font size.
 - c) The text should be written in 12pts. font size.
 - d) All topics under the Lecture should have a bold heading and a section (No. 1,2,3, ...).
 - e) Sub sections should be numbered as 1.1, 1.1.1 etc.

Table.1: Honorarium and Time Duration for the Content Creator and the Reviewers

| | Unit Wise Breakup into Lectures | Lecture Wise Honorarium | Total Unit Honorarium | Time Duration |
|-------------------------------------|---|--------------------------------|------------------------------|----------------------|
| Content Creator (Unit Wise) | 1 Unit = 10 Hours Approximately 10 Lectures | Rs.1500 per lecture | Rs.15000 per Unit | 1 Month |
| Unit Reviewer (Reviewer 1) | 1 Unit = 5 Hours | Rs.1500 per lecture | Rs.7500 per Unit | 15 Days |
| Course Reviewer (Reviewer 2) | 1 Complete Course (Final Integration and Review of all Units obtained from Reviewer 1) | | Rs.15000 per Unit | 15 Days |

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 (IF NOT ALREADY REGISTERED). All the agricultural university's user can click on new user in the university log in and complete the registration process by following the steps mentioned below.

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

1. On clicking on register here link new user can register, Registration form for university users opens up Fig: 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.
4. Select the radio button if you are the nodal officer for your university.
5. Enter your phone number and address for correspondence in the text area provided below the corresponding label.
6. Select gender from the drop-down list below the label gender.

7.Fill the email id, contact #, password and click on the submit button to submit theregistration form.

The screenshot displays the 'Registration Form for University Users' on the NAHEP E-Learning Portal. The page header includes the NAHEP logo, the title 'E-Learning Portal', and a sub-header '(Open Call for Course Content Creation and Review of e-Learning Courses Under NAHEP Component-2)'. A navigation menu contains links for HOME, ELEARNING, CALLS (marked NEW), CONTENT STRUCTURE, HONORARIUM, SYLLABUS, and DOCUMENTS (marked NEW). The registration form fields are as follows:

- Full Name (block letters)*: Text input field
- Discipline*: Dropdown menu (value: --Select--)
- Designation*: Dropdown menu (value: --Select--)
- Agricultural University*: Dropdown menu (value: --Select--)
- Are you Education Nodal Officer of your University*: Radio buttons (Yes/No)
- Address for Correspondence *: Text input field
- Contact No. (Official)*: Text input field
- Mobile No.*: Text input field
- Gender*: Dropdown menu (value: --Select--)
- Whether Faculty in the Discipline or Not*: Dropdown menu (value: --Select--)
- Teaching/Research Experience(No. of years)*: Text input field
- Email ID*: Text input field
- Password*: Text input field
- Confirm Password*: Text input field

A green 'SUBMIT' button is located at the bottom of the form. The footer contains a 'Browse pages' section with links to eLearning, First Call, Content Structure, Honorarium, and Admin Login. It also includes contact information for the E-Learning System under NAHEP, the Indian Council of Agricultural Research, and the email address nahep.comp2@icar.gov.in. The footer also states '©2019 Designed & Developed by Division of Computer Application - ICRAR, New Delhi' and features social media icons.

Fig2.1: Registration Page for content developer and content reviewer

2. 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 university user need to login using university Login and Deemed university user need to Login using Deemed University Login.

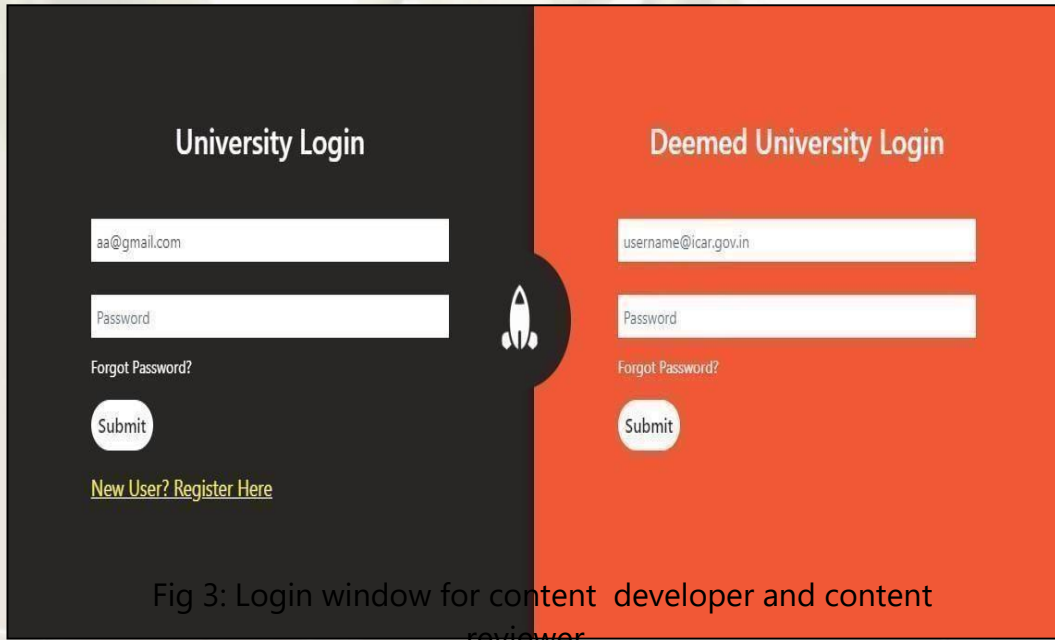


Fig 3: Login window for content developer and content reviewer

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 and edit it by clicking on edit button as in Fig 3.1

NAHEP **E-Learning Portal**
 (Open Call for Course Content Creation and Review of e-Learning Courses Under NAHEP Component-2)

PROFILE ▾ VIEW SYLLABUS APPLY & VIEW STATUS ▾ VIEW TEAM MEMBERS Welcome! xyz [Logout](#)

User Profile



Choose File No file chosen Update Profile Picture

[Edit Profile](#)

| | |
|------------------------------|---|
| NAME | xyz |
| DESIGNATION | Scientist |
| DISCIPLINE | Agricultural Statistics/Statistics |
| INSTITUTE/UNIVERSITY | West Bengal University of Animal and Fishery Sciences |
| ADDRESS | xyz |
| E-MAIL | xyz@gmail.com |
| OFFICIAL PHONE NO. | 9898989898 |
| MOBILE NO. | 9898989898 |
| GENDER | Female |
| FACULTY IN DISCIPLINE OR NOT | Yes |
| EXPERIENCE(IN NO.OF YEARS) | 11 |

| S No. | Degree | Discipline | Year | University |
|-------|-----------|------------------------------------|------|---|
| 1 | Masters | Agricultural Statistics/Statistics | 1985 | West Bengal University of Animal and Fishery Sciences Kolkata |
| 2 | M.Phil. | NA | NA | NA |
| 3 | Ph.D. | NA | NA | NA |
| 4 | Post Doc. | NA | NA | NA |

E-Learning Portal
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Fig. 3.1 User Profile

3.2 Apply

1. Click on the Apply and view status and select Apply for ContentCreation/Review from the drop-down list.

2. Select the content Creator/unit reviewer/ course reviewer from the drop-down list corresponding to label of Apply for content creator / reviewer. Fig:3.2
3. Select the BSMA group from the drop-down list corresponding to its label.
4. Select the discipline from the drop-down list corresponding to label area saying Select Discipline.
5. Select the course title for which you want to apply.
6. Click on the apply button to submit the application.




The screenshot shows the 'E-Learning Portal' interface. At the top, it says 'E-Learning Portal (Open Call for Course Content Creation and Review of e-Learning Courses Under NAHEP Component-2)'. Below this is a navigation bar with links: Profile, View Syllabus, Apply & View Status, View Team Members, Content Creator, and a Logout button. The main content area is titled 'Faculty/Researchers for e-Learning Content Creation and Review'. It contains a form with the following fields: 'Applying as Course Content Creator/Reviewer' (a dropdown menu), 'Select BSMA Group' (a dropdown menu), 'Select Discipline' (a dropdown menu), and 'Select Course Title' (a dropdown menu). A green 'Apply' button is located below the form. At the bottom of the page, it says 'E-Learning Portal © 2018. Designed & Developed by Division of Computer Application - IASRI'.

Fig 3.2: Apply for content creator window(PG)


3.3 Preview and Final Submission

This tab under the drop-down menu of apply and view status on the navigation bar, helps the user to review the courses he/she has applied for. After final review, he/she can finally submit the application to nodal officer as displayed in Fig: 3.3



E-Learning Portal

(Open Call for Course Content Creation and Review of e-Learning Courses Under NAHEP Component-2)



Profile | View Syllabus | Apply & View Status ▾ | View Team Members | Content Creator ▾
Welcome! P. SELVARAJ
Logout

Preview Applications

Content Creator

| S.No. | BSMA Group | Discipline | Course Code | Course Name | Unit | Syllabus | |
|-------|---------------------------------------|--------------------------------------|-------------|--|--------|---|---|
| 1 | Agricultural Engineering & Technology | Farm Machinery And Power Engineering | FMPE501 | Design of Farm Power And Machinery Systems | UNIT-1 | Modern trends, principles, procedures, fundamentals and economic considerations for design and development of farm power and machinery systems. Design considerations, procedure and their applications in agricultural tractors & typical machines. Reliability criteria in design and its application | Remove |

Unit Reviewer

No Record Found

Course Reviewer

| S.No. | BSMA Group | Discipline | Course Code | Course Name | |
|-------|---------------------------------------|--------------------------------------|-------------|--|---|
| 1 | Agricultural Engineering & Technology | Farm Machinery And Power Engineering | FMPE501 | Design of Farm Power And Machinery Systems | Remove |
| 2 | Agricultural Engineering & Technology | Farm Machinery And Power Engineering | FMPE501 | Design of Farm Power And Machinery Systems | Remove |

[Submit Applications to Nodal Officer](#)

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Fig. 3.3: Preview

3.2 View Application status

User can view his/her Application status using view application status tab in the drop-down menu of Apply and view status tab in the navigation bar as shown in Fig 3.4

E-Learning Portal
(Open Call for Course Content Creation and Review of e-Learning Courses Under NAHEP Component-2)

Profile View Syllabus Apply & View Status - View Team Members Content Creator - Welcome! P. SELVARAJ Logout

Application Status

Content Creator

| S.No. | BSMA Group | Discipline | Course Code | Course Name | Unit | Syllabus | Status |
|-------|----------------------------------|-----------------|-------------|--------------------------------|---------|--|----------|
| 1 | Basic Sciences | Chemistry | CHEM502 | Thermodynamics | UNIT-I | Brief resume of the concepts of free energy, entropy and laws of thermodynamics partial molar properties thermodynamics of ideal and real gases and gas mixtures. | Pending |
| 2 | Basic Sciences | Biochemistry | BIOCHEM501 | Basic Biochemistry | UNIT-I | Scope and importance of biochemistry in agriculture: Fundamental principles governing life; structure of water; acid base concept and buffers; pH; hydrogen bonding; hydrophobic, electrostatic and Van der Waals forces; General introduction to physical techniques for determination of structure of biopolymers. | Approved |
| 3 | Biotechnology and Bioinformatics | Bioinformatics | BIF501 | Introduction To Bioinformatics | UNIT-IV | Analysis packages – commercial databases and packages, GPL software for Bioinformatics, web-based analysis tools. | Pending |
| 4 | Food Science & Technology | Food Technology | FST501 | Food Chemistry & Nutrition | UNIT-I | Definition and importance; major food constituents and their physicochemical properties; role of water in food. | Pending |

Unit Reviewer

| S.No. | BSMA Group | Discipline | Course Code | Course Name | Unit | Syllabus | Status |
|-------|----------------------------|-------------------------|-------------|------------------------------|---------|---|---------|
| 1 | Dairy Science & Technology | Dairy Engineering | DE511 | Dairy And Food Engineering-I | UNIT-I | Engineering properties of dairy and food materials and their significance in equipment design; processing and handling of dairy and food products. | Pending |
| 2 | Dairy Science & Technology | Dairy Engineering | DE511 | Dairy And Food Engineering-I | UNIT-II | Concept of rheology; ideal elastic, plastic and viscous behaviour; viscoelasticity; rheological models and constitutive equations, Maxwell model, Kelvin model and Burgers model; viscoelastic characterisation of materials, stress-strain behaviour; creep, stress relaxation; non-Newtonian fluids and viscometry. | Pending |
| 3 | Basic Veterinary Science | Veterinary Biochemistry | VBC601 | Chemistry of Animal Cell | UNIT-I | Pre-biotic world, chemical evolution cellular architecture, molecular organization and metabolic function. | Pending |

Course Reviewer

| S.No. | BSMA Group | Discipline | Course Code | Course Name | Status |
|-------|--------------------------|-----------------------|-------------|-------------------------|---------|
| 1 | Forestry | Forestry | FOR501 | Silviculture | Pending |
| 2 | Basic Veterinary Science | Veterinary Physiology | VPY601 | Physiology of Digestion | Pending |

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Fig.3.4: View Application Status Window

3. Nodal Officer

Nodal officer can use his/her user id and password to access the system after registering. He/she may view his/her profile and apply for any role following the same procedure mentioned above. Nodal officers are provided with additional right to approve application:

4.1 Steps to Approve Applications

The nodal officer's tab in navigation bar have a drop-down list using which the use can view and download the applications, approve the applications and view approved applicant's list as Displayed in Fig 4.2



Fig 4.2: Nodal Officer's Role

1. Select the view and download user Applications to know about the number of applicants from your university and download the list to take the permission from your higher authority later on.
2. After Selecting view and download user Applications we need to select the call and type of application as content creator , unit reviewer or course reviewer as shown in fig 4.3

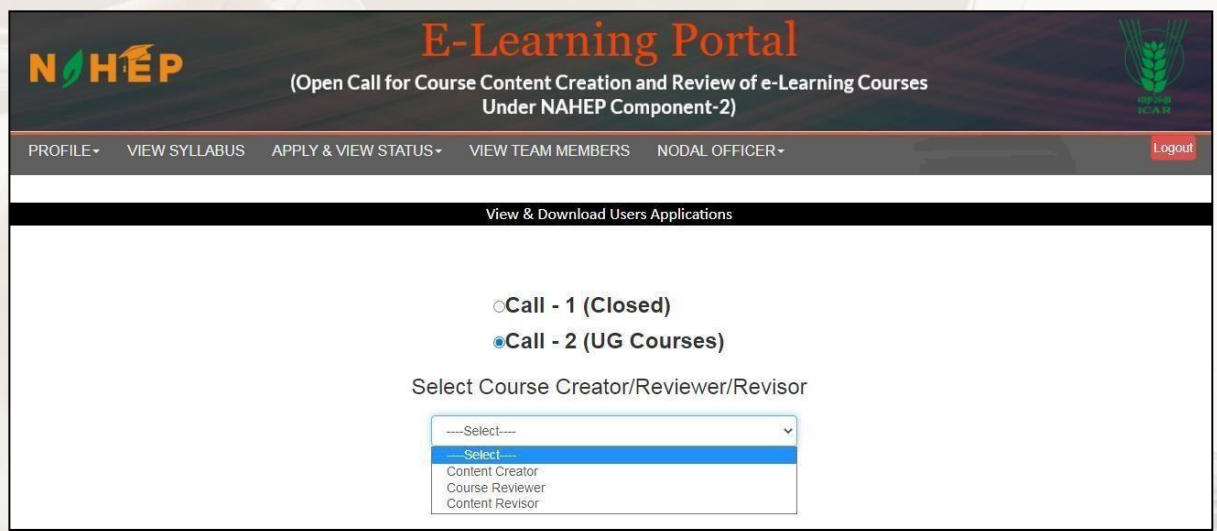


Fig 4.3: Select the type of application to view and download

1. You can also export the list of applications to excel as shown in Fig 4.4

E-Learning Portal
(Open Call for Course Content Creation and Review of e-Learning Courses Under NAHEP Component-2)

PROFILE ▾ VIEW SYLLABUS APPLY & VIEW STATUS ▾ VIEW TEAM MEMBERS NODAL OFFICER ▾ Welcome! JELLA SATYANARAYANA Logout

View & Download Users Applications

Call - 1 (Closed)
 Call - 2 (UG Courses)

Select Course Creator/Reviewer/Revisor

Content Creator ▾

Export to Excel

List of Teaching Faculty at SAU Applied for the Content Creator under NAHEP eLearning System - Call-2

| S.No. | Applied As | BSMA | Course Code | Course | No. of Time Course Taught | Name of Applicant | Applicant Designation |
|-------|------------|----------------------|-------------|--|---------------------------|------------------------------|-----------------------|
| 1 | Creator | B.Sc. (Agriculture) | AG01_N | Introductory Agrometeorology & Climate Change | 4 | Y.S.PARAMESWARI | Assistant Professor |
| 2 | Creator | B.Sc. (Agriculture) | AG03_N | Farm Management, Production & Resource Economics | 20 | RAMALINGAREDDY VIJAYA KUMARI | Professor |
| 3 | Creator | B.Sc. (Agriculture) | AG05_N | Communication Skills and Personality Development | 1 | A.Sailaja | Professor |
| 4 | Creator | B.Sc. (Agriculture) | AG07_N | Introduction to Forestry | 8 | KONDUMAHANATHI SURESH | Professor |
| 5 | Creator | B.Sc. (Agriculture) | AG08_N | Intellectual Property Rights | 2 | Dr K GOPALA KRISHNA MURTHY | Associate Professor |
| 6 | Creator | B.Sc. (Agriculture) | AG09_N | Commercial Plant Breeding | 6 | HEMALATHA VIPPARATHI | Professor |
| 7 | Creator | B.Sc. (Agriculture) | AG10_N | Food Safety and Standards | 5 | TRIVENI | Associate Professor |
| 8 | Creator | B.Sc. (Home Science) | HMS01_N | Diffusion and Adoption of Homestead Technologies | 8 | S L KAMESWARI | Assistant Professor |
| 9 | Creator | B.Sc. (Home Science) | HMS02_N | Textile Science and Fabric Care | 4 | LAKSHMI POOJA SANKU | Scientist |
| 10 | Creator | B.Sc. (Home Science) | HMS03_N | Techniques of Fabric Construction | 2 | SIRISHA DEEPTHI SORNAPUDI | Assistant Professor |
| 11 | Creator | B.Sc. (Home Science) | HMS06_N | Marriage and Family Dynamics | 2 | PETTUGANI SREEDEVI | Assistant Professor |
| 12 | Creator | B.Sc. (Home Science) | HMS09_N | Introduction to rural sociology | 4 | S L KAMESWARI | Assistant Professor |
| 13 | Creator | B.Sc. (Horticulture) | HC01_N | Dryland Horticulture | 6 | Dr.I.V.SRINIVASA REDDY | Associate Professor |
| 14 | Creator | B.Sc. (Horticulture) | HC07_N | Precision Farming & Protected Cultivation | 10 | Dr.I.V.SRINIVASA REDDY | Associate Professor |

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Fig 4.4: List of applications

2. To approve the applications, you need to select the Approve user application option from the drop-down list of nodal officer and follow the steps:

- Nodal can select the **View Application** link (fig: 4.5(a)) shown in the grid view to view the complete application of the particular user.

E-Learning Portal
 (Open Call for Course Content Creation and Review of e-Learning Courses Under NAHEP Component-2)

PROFILE - VIEW SYLLABUS APPLY & VIEW STATUS - VIEW TEAM MEMBERS NODAL OFFICER - Welcome! JELLA SATYANARAYANA Logout

View Applications

Call - 1 (Closed)
 Call - 2 (UG Courses)

Select Course Creator/Reviewer/Revisor

Course Reviewer

| S.No. | Creator/Reviewer/Revisor | BSMA Name | Course Code | Course | Total Application Received | View More |
|-------|--------------------------|----------------------|-------------|---|----------------------------|------------------|
| 1 | Course Reviewer | B.Sc. (Agriculture) | AG02_N | Principles of Organic Farming | 1 | View Application |
| 2 | Course Reviewer | B.Sc. (Agriculture) | AG03 | Statistical Methods | 2 | View Application |
| 3 | Course Reviewer | B.Sc. (Agriculture) | AG03_N | Farm Management, Production & Resource Economics | 1 | View Application |
| 4 | Course Reviewer | B.Sc. (Agriculture) | AG04 | Post-harvest Management and Value Addition of Fruits and Vegetables | 2 | View Application |
| 5 | Course Reviewer | B.Sc. (Agriculture) | AG09_N | Commercial Plant Breeding | 1 | View Application |
| 6 | Course Reviewer | B.Sc. (Agriculture) | AG10 | Agricultural Microbiology | 1 | View Application |
| 7 | Course Reviewer | B.Sc. (Agriculture) | AG10_N | Food Safety and Standards | 1 | View Application |
| 8 | Course Reviewer | B.Sc. (Agriculture) | AG14 | Insect Morphology and Systematics | 1 | View Application |
| 9 | Course Reviewer | B.Sc. (Home Science) | HMS02_N | Textile Science and Fabric Care | 1 | View Application |
| 10 | Course Reviewer | B.Sc. (Home Science) | HMS03_N | Techniques of Fabric Construction | 1 | View Application |
| 11 | Course Reviewer | B.Sc. (Home Science) | HMS09_N | Introduction to rural sociology | 1 | View Application |
| 12 | Course Reviewer | B.Sc. (Home Science) | HMS11 | Instructional Video Production | 1 | View Application |
| 13 | Course Reviewer | B.Sc. (Home Science) | HMS13 | Public Relations And Social Marketing | 1 | View Application |
| 14 | Course Reviewer | B.Sc. (Home Science) | HMS15 | Fundamentals Of Clothing Construction | 1 | View Application |

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Fig 4.5 (a): View the applications for approval

- Approve the Applications by selecting the check boxes and click on submit the list of selected candidates as shown in fig 4.5(b).

E-Learning Portal
(Open Call for Course Content Creation and Review of e-Learning Courses Under NAHEP Component-2)

PROFILE - VIEW SYLLABUS APPLY & VIEW STATUS - VIEW TEAM MEMBERS NODAL OFFICER -

Welcome! JFLLA SATYANARAYANA Logout

Approve Applicant's

Back

Click on Applicant's Name to See Details, Check the Verified Options and Click Submit

| S.No. | Applied As | BSMA | Course | Name of Applicant | Applicant Designation | Teaching faculty at SAU with at-least 5 years of experience in teaching/research | Course Taught Verified | Applicant Verified for Approval |
|-------|-----------------|---------------------|-------------------------------|-------------------|-----------------------|--|--------------------------|---------------------------------|
| 1 | Course Reviewer | B.Sc. (Agriculture) | Principles of Organic Farming | ANNE MADHAVI LATA | Professor | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Submit List of Shortlisted Applicants

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Fig 4.5(b): Approve Applications

- Nodal officer can view the applications approved by them under the "View approved application" option available in the nodal officer's drop-down list. As shown in Fig 4.6

E-Learning Portal
(Open Call for Course Content Creation and Review of e-Learning Courses Under NAHEP Component-2)

PROFILE - VIEW SYLLABUS APPLY & VIEW STATUS - VIEW TEAM MEMBERS UNIT REVIEWER -

Welcome! AANAND KUMAR Logout

NODAL OFFICER -

Approved Applicant List

Call - 1 (Closed)
Call - 2 (UG Courses)

Select Course Creator/Reviewer/Revisor

Course Reviewer

Export to Excel

List of Approved Teaching Faculty at SAU Applied for the Course Reviewer under NAHEP eLearning System - Call-2

| S.No. | Applied As | BSMA | Course Code | Course | No. of Time Course Taught | Name of Applicant | Applicant Designation | Advisory Status |
|-------|-----------------|-------------------------------|-------------|--|---------------------------|-------------------------------|-----------------------|---------------------------|
| 1 | Course Reviewer | B.F.Sc. (Fisheries) | FS11_N | Fisheries Business Management and Entrepreneurship Development | 2 | T V Ramana | Director | Application Under Process |
| 2 | Course Reviewer | B.V.Sc. (Veterinary Sciences) | VT01 | Veterinary Anatomy | 21 | PUPPALA VENKATA SATYA KISHORE | Professor | Application Under Process |
| 3 | Course Reviewer | B.V.Sc. (Veterinary Sciences) | VT04 | Livestock Production Management | 3 | DR. KONDAPALLI RAVI CHANDRA | Assistant Professor | Application Under Process |

Fig 4.6: Approved Applicant's list

4.1 View 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: 4.7 (a)

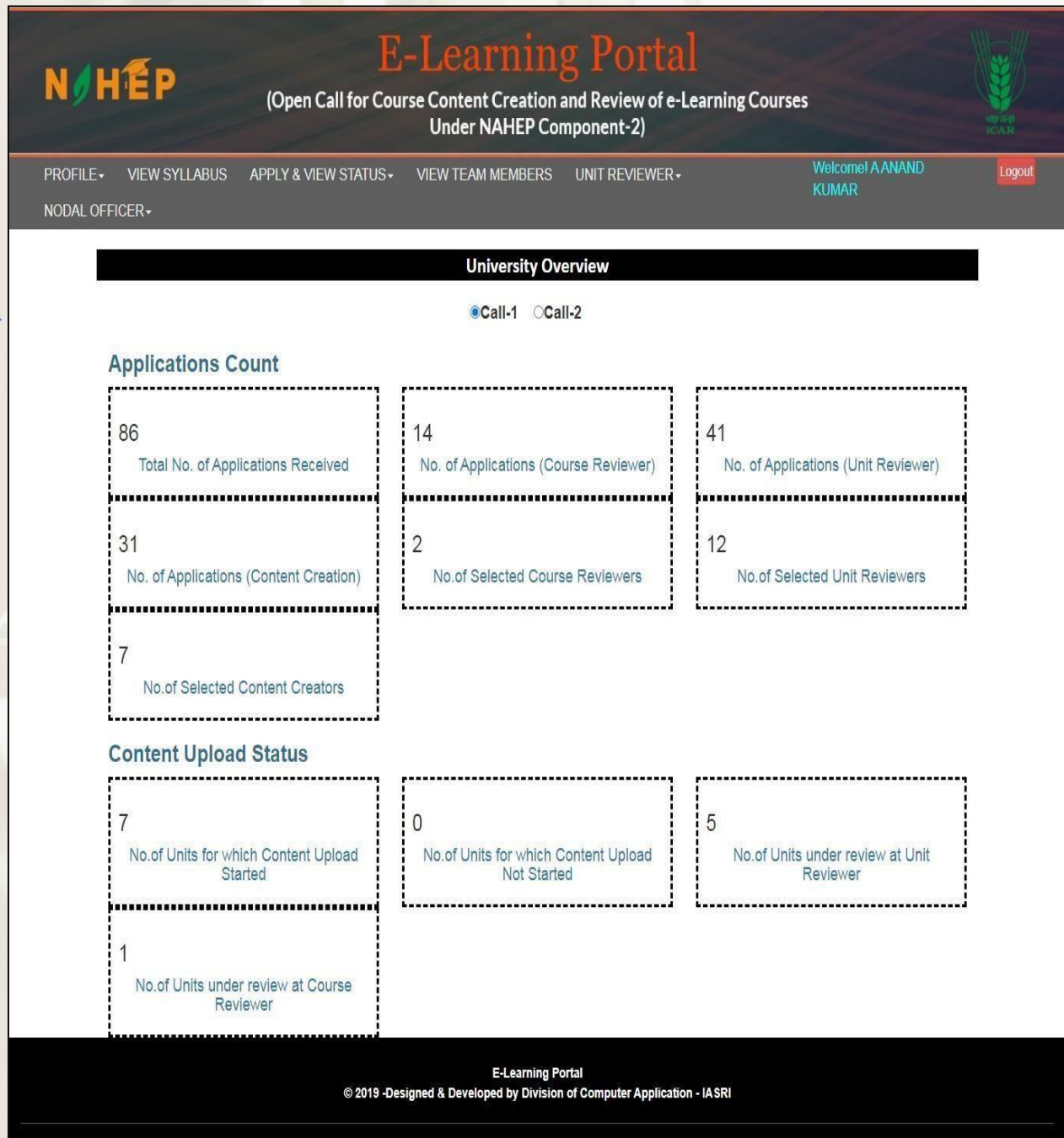


Fig 4.7(a): Call-1 Status

4.2 Call –Wise Status

Nodal officer can check the status of different calls by clicking on “Call-wise-status” under Nodal Officer Tab, as shown in fig 4.7 (b)

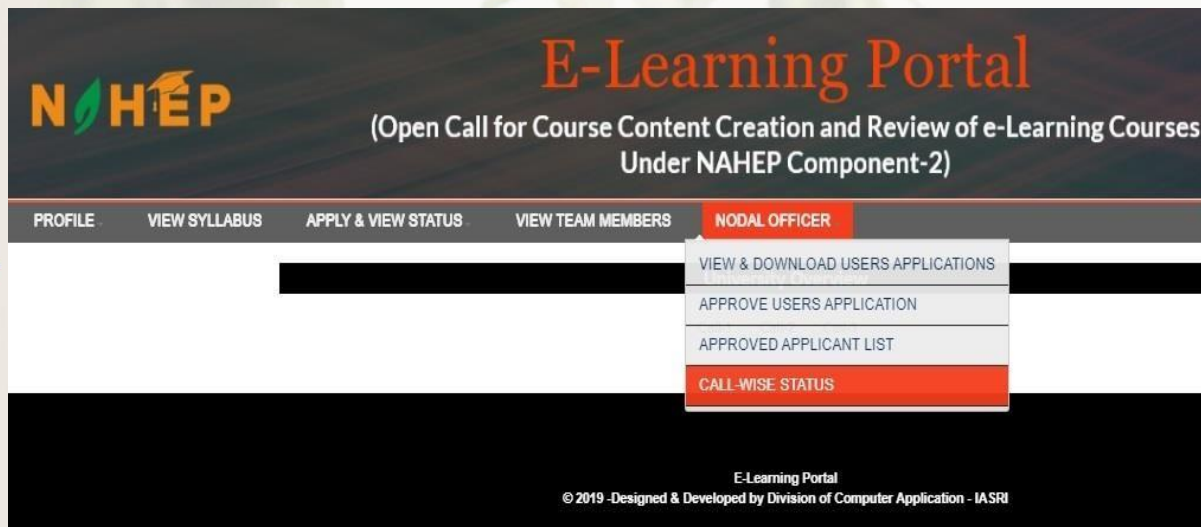


Fig 4.7(b): Call-Wise Status

He can check no of applications received, approved and awaited submission along with Content Creation & Review status of the applicants, show in Fig 4.7(c): Application Status

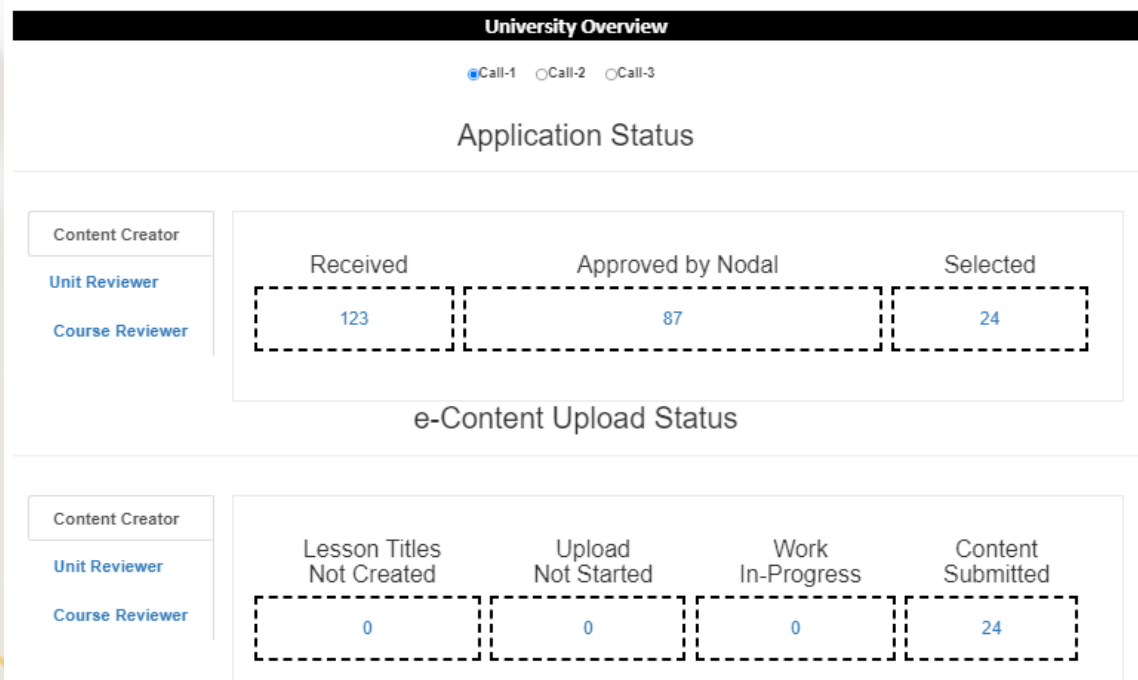


Fig 4.7(c): Application Status

5. Content Creator

For development of e-Learning course content, 2 mandatory courses from each M.Sc. discipline have been selected. The e-Learning material for these courses will be created under different Units. for each Unit, one Content Creator will be selected. The syllabus for the courses and the unit wise distribution is as per the prescribed PG curricula and syllabi of the Education Division, ICAR, New Delhi available at <https://icar.org.in/files/edu/379.html>

5.1 Upload Lesson Numbers & Title

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

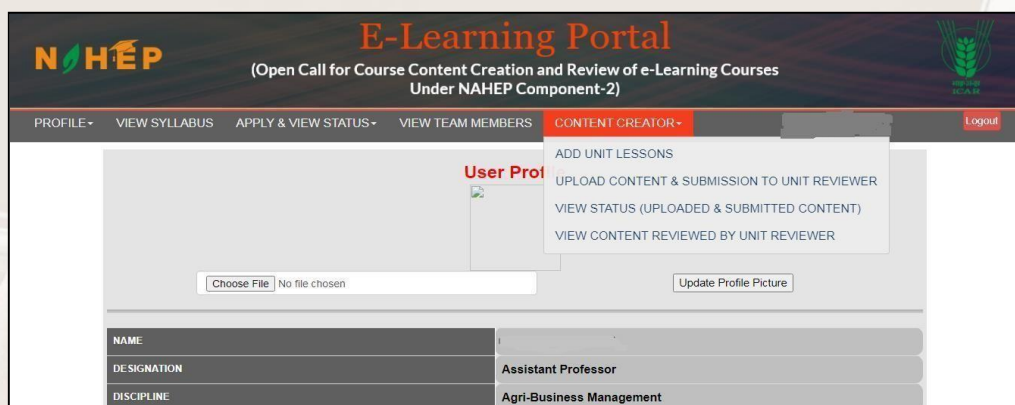


Fig 5.1: Content Creator Menu

- First select the add lesson from the drop-down menu of content creator.
- 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

E-Learning Portal
(Open Call for Course Content Creation and Review of e-Learning Courses Under NAHEP Component-2)

Profile View Syllabus Apply & View Status View Team Members Content Creator Welcome! P. SELVARAJ Logout

Add Lesson

Call - 1

Content Creator

| S.No. | BSMA Group | Discipline | Course Code | Course Name | Unit | Syllabus | Create Lesson |
|-------|--------------------------|-----------------------|-------------|---|----------|---|-------------------------------------|
| 1 | Basic Veterinary Science | Veterinary Physiology | VPY601 | Physiology of Digestion | UNIT-V | Rumen microbiology, Digestion in birds. | Click to Add Lesson |
| 2 | Basic Veterinary Science | Veterinary Physiology | VPY602 | Cardiovascular And Respiratory Physiology | UNIT-III | Normal electro-cardiogram, electrocardiographic interpretation in cardiac myopathies and cardiac arrhythmias. | Click to Add Lesson |

Fig 5.2: Add Lesson/Lectures

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

| Course Code : EXT502 Unit : UNIT-I | | |
|---|---|---|
| Lesson No. | Lesson | Action |
| Lesson1 | Communication Process | |
| Lesson2 | Models and theories of Communication | |
| Lesson3 | Communication Skills : Fidelity of communication | |
| Lesson4 | Communication Skills : Communication competence and empathy | |
| Lesson5 | Feedback in communication | |
| Lesson6 | Social network and Development communication | |
| Lesson7 | Barriers in communication | |
| Lesson8 | Message : Meaning, dimensions of a message | |
| Lesson9 | Characteristics of a good message | |
| Lesson10 | Message treatment and effectiveness, Distortion of Message | |
| <input type="text"/> | <input type="text"/> | <input type="button" value="Add New Lesson"/> |

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 tab-> select **Upload Content** from the menu, as shown below.

- First select the call and the Courses and units will be available for which the user has added lessons.
- Click on link for selected Lesson and upload data as Fig. 5.4

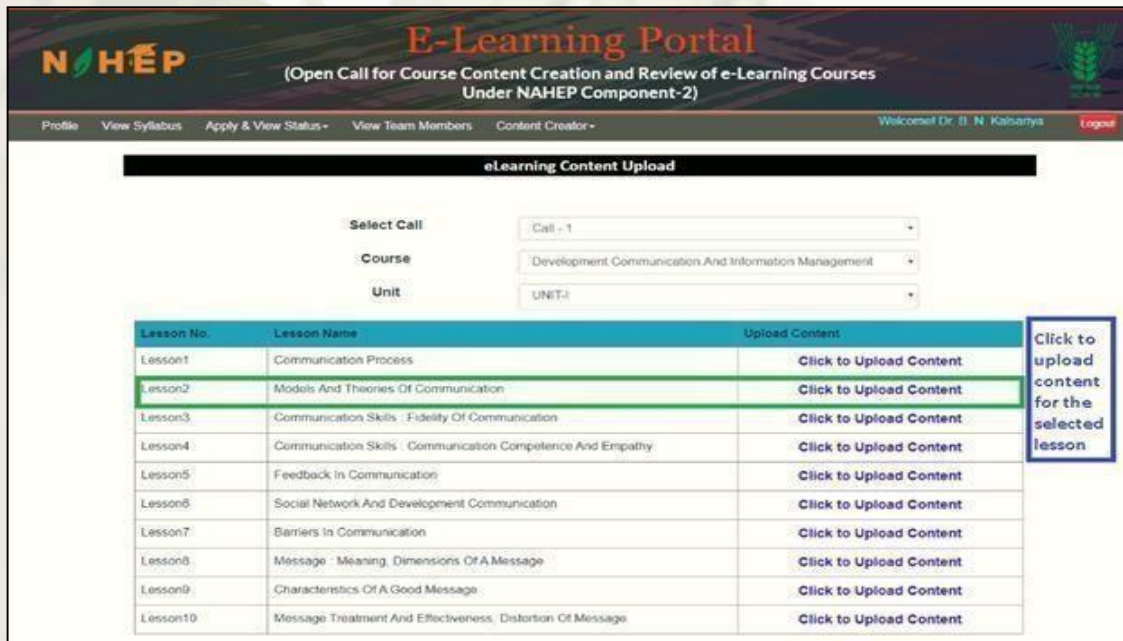


Fig .5.4: Upload Content for Selected

- 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. 5.6)

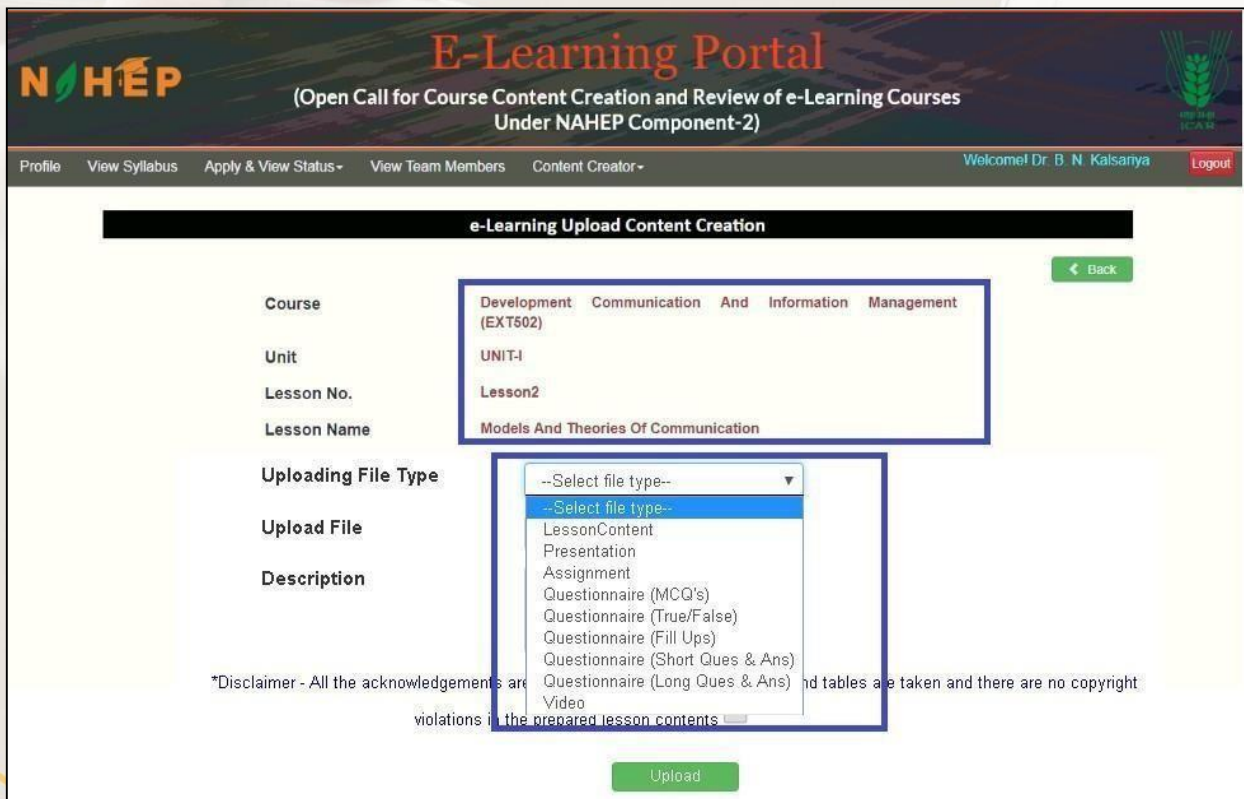


Fig. 5.6: Upload Data

- After uploading the content, Disclaimer mentioned at the bottom of the web page (Fig. 5.7) Should be checked to ensure no copyright violation.

NAHEP **E-Learning Portal**
(Open Call for Course Content Creation and Review of e-Learning Courses Under NAHEP Component-2)

Profile View Syllabus Apply & View Status - View Team Members Content Creator - Welcomet Dr. B. N. Katsariya

e-Learning Upload Content Creation [← Back](#)

| | |
|----------------------------|---|
| Course | Development Communication And Information Management (EXT502) |
| Unit | UNIT-I |
| Lesson No. | Lesson2 |
| Lesson Name | Models And Theories Of Communication |
| Uploading File Type | Presentation <small>Only Presentations file formats (.ppt or .pptx) are accepted</small> |
| Presentation Title | <input type="text"/> Choose File <input type="text"/> Test pptx |
| Description | <input type="text"/> Ppt for Development Communication And Information Management |

*Disclaimer - All the acknowledgements are made from where the text, images and tables are taken and there are no copyright violations in the prepared lesson contents

Fig. 5.7: Check Disclaimer

- After uploading the data and checking the disclaimer click on the “Click to Final submit the lesson content to unit reviewer” button (Fig. 5.8). The upload section will freeze once you submit the content to unit reviewer for that particular lesson.

E-Learning Portal
 (Open Call for Course Content Creation and Review of e-Learning Courses Under NAHEP Component-2)

Profile View Syllabus Apply & View Status- View Team Members Content Creator- Welcomel Dr. B. N. Kalsanya Logout

e-Learning Upload Content Creation

Course Development Communication And Information Management (EXT502) ← Back

Unit UNIT-I

Lesson No. Lesson2

Lesson Name Models And Theories Of Communication

Uploading File Type --Select file type--

Video File Title Choose File No file chosen

Description

*Disclaimer - All the acknowledgements are made from where the text, images and tables are taken and there are no copyright violations in the prepared lesson contents

Upload

| Content | Type | Description | Action |
|---------|--------------|--|--------|
| | Presentation | Ppt for Development Communication And Information Management | Delete |
| | Video | Video for Lesson 1 | Delete |

PPT and video are uploaded by the same steps

Note - Upload panel will be frozen for this lesson after final submit to Unit Reviewer
 Click to Final Submit the Lesson Content to Unit Reviewer

Final Submit Lesson content to Unit Reviewer

Fig. 5.9: Final Submit

NOTE: If the user has not added lesson, he/she would not be able to upload the content as shown in Fig. 5.10

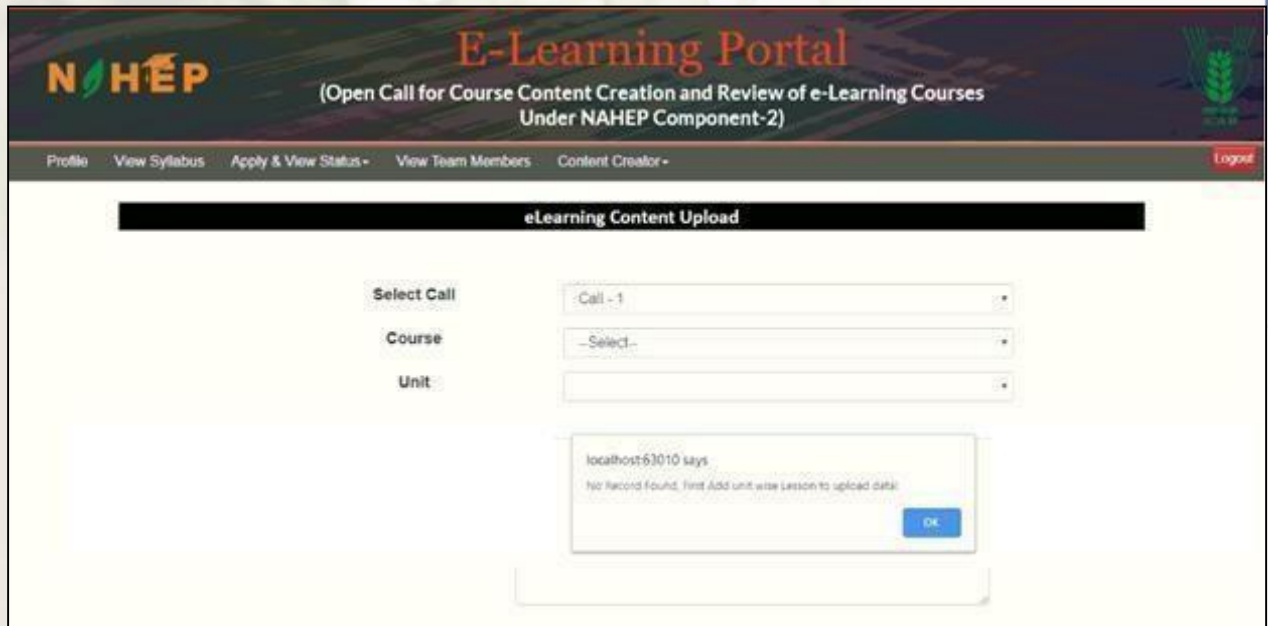


Fig. 5.10: No Lessons

5.3 View uploaded

User can view the content uploaded by him/her using **view uploaded content** from the drop-down menu of content creator tab in navigation bar as shown in Fig 5.11

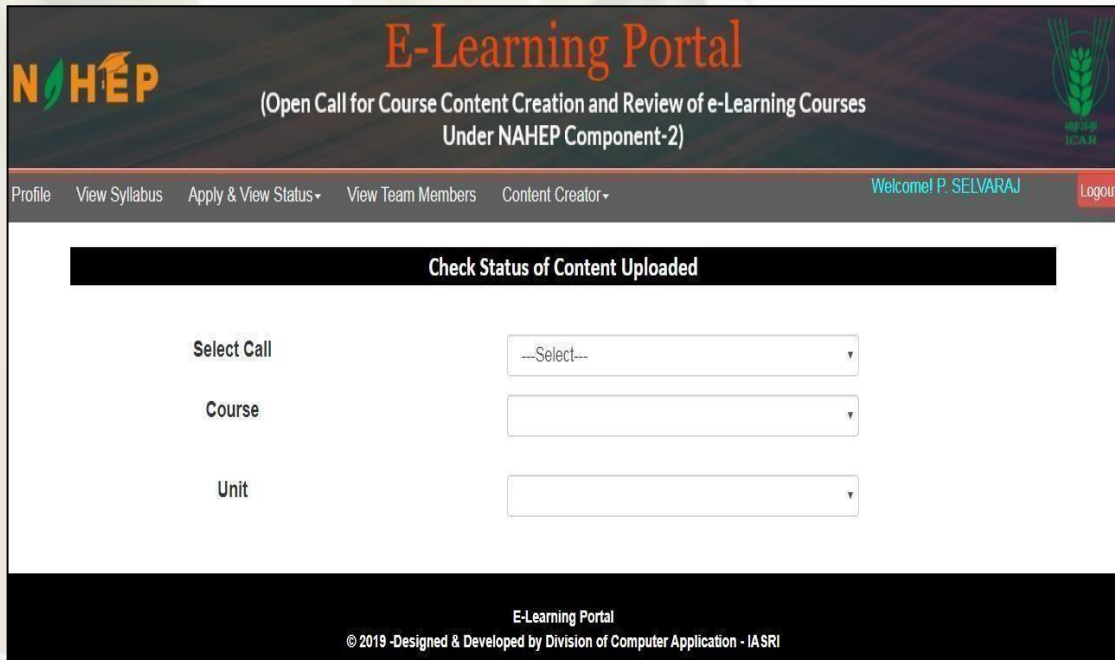


Fig. 5.11: View Uploaded Content

5.4 View Content reviewed by unit reviewer

User can check the status of the lesson wise content submitted by him to unit reviewer via following steps:

- Select check status of uploaded content from the content creator drop down menu.
- Select call, course and unit from the drop-down menus shown in figure 5.12



The screenshot displays the E-Learning Portal interface. At the top, the logo 'NAHEP' is on the left, and the text 'E-Learning Portal (Open Call for Course Content Creation and Review of e-Learning Courses Under NAHEP Component-2)' is in the center. On the right, there is a logo for 'NAHEP ICAIR'. Below the header, a navigation bar contains links: 'Profile', 'View Syllabus', 'Apply & View Status -', 'View Team Members', and 'Content Creator -'. On the right side of the navigation bar, it says 'Welcome! P. SELVARAJ' and a 'Logout' button. The main content area is titled 'Check Status of Content Uploaded' and contains three dropdown menus: 'Select Call' with a value of '--Select--', 'Course', and 'Unit'. At the bottom of the page, it says 'E-Learning Portal © 2019 - Designed & Developed by Division of Computer Application - IASRI'.

Fig. 5.12: Select the unit to check status of uploaded content

- User will be redirected to web page shown in Fig. 5.13. User can view the reviewed content under three heads as contents sent back by unit reviewer to re upload, reviewed and accepted content and content uploaded by you on the basis of UR comments.

The screenshot displays the E-Learning Portal interface. At the top, the logo 'NAHEP' is on the left, and the text 'E-Learning Portal (Open Call for Course Content Creation and Review of e-Learning Courses Under NAHEP Component-2)' is in the center. On the right, there is a logo for 'ICAR' and a user profile section with 'Welcome! Akshay I Patel' and a 'Logout' button. Below the navigation bar, there are tabs for 'Profile', 'View Syllabus', 'Apply & View Status', 'View Team Members', and 'Content Creator'. The main content area is titled 'Check Status of Content Uploaded'. It features three dropdown menus: 'Select Call' (Call - 1), 'Course' (Principles of Cytogenetics), and 'Unit' (UNIT-III). Below these is a section titled 'Content Sent back by Unit Reviewer to Re-Upload' containing a table with columns for Lesson, Description, Download Content, Comments by UR, and Upload Content. The table has one row for 'Lesson5' with a description 'polyploidy : Allopolyploidy And Segmental Allopolyploidy', a download icon for 'Assignment', a comment 'add more questions', and an 'Upload Content' button. Below this is a section titled 'Reviewed & Accepted Content' with a message 'No Content Reviewed'. The final section is 'Content Updated by You on basis of UR Comments', containing a table with columns for Lesson, Description, and Download Content. It has one row for 'Lesson1 monosomic And Nullisomic' with a download icon for 'MCQ'. At the bottom, there is a footer with 'E-Learning Portal © 2019 - Designed & Developed by Division of Computer Application - IASRI'.

Fig. 5.12: View content reviewed by unit

6. View Team Members

Users can get the contact details of other team members for their respective course using the tab view team member from the top navigation bar, after signing in to the portal using their log in credentials as shown in the Fig 6.1

| BSMA Name | Discipline Name | Course Name | Course Code | Unit | Role | User Name | E-Mail | Official Phone No. | Mobile No. | University |
|--------------------------|-----------------------|---|-------------|---------|-----------------|---------------------|-----------------------------|--------------------|------------|--|
| Basic Veterinary Science | Veterinary Physiology | Cardiovascular And Respiratory Physiology | VPY602 | UNIT-I | Course Reviewer | Dr. Ravindra Kumar | drbasu2017@gmail.com | 0612-2227253 | 7018765107 | Bihar Animal Sciences University, Patna |
| | | | | | Unit Reviewer | Sandhya S Chaudhary | sandhyachaudhary6@gmail.com | 9427379421 | 9427379421 | Navsari Agricultural University, Navsari |
| | | | | | Creator | Arun Kumar Sharma | drarunvet@gmail.com | 02852670722 | 9727743994 | Junagadh Agricultural University, Junagadh |
| | | | | | Creator | Arun Kumar Sharma | drarunvet@gmail.com | 02852670722 | 9727743994 | Junagadh Agricultural University, Junagadh |
| | | | | UNIT-II | Unit Reviewer | Sandhya S Chaudhary | sandhyachaudhary6@gmail.com | 9427379421 | 9427379421 | Navsari Agricultural University, Navsari |

Fig 6.1: View Team

Unit Reviewer

For each unit under a course, there will be one Unit Reviewer (Reviewer1). The role of Reviewer 1 will be to review the content created by the content creator for a particular Unit.

7.1 Review Content

Unit reviewer can log into system using their credentials and follow following steps:

- Select Review content option from the drop-down menu of unit reviewer.
- On Selecting the call, user will be redirected to review content page
- Click on the link "Click to review" as shown in Fig 7.1 to review the content of corresponding unit.

| S.No. | BSMA Group | Discipline | Course Code | Course Name | Unit | Syllabus | Review Unit |
|-------|----------------------------|-----------------|-------------|--------------------------|--------|--|---|
| 1 | Dairy Science & Technology | Dairy Chemistry | DC513 | Chemistry of Milk Lipids | UNIT-I | Milk lipids: classification, gross composition and physical properties; neutral and polar lipids and their role in milk and milk products. | Click to Review Content |

Fig. 7.1: Review Content

Reviewer can take three actions corresponding to each lesson

1. He/she can accept the lesson if the content is up to the mark by clicking on "Reviewed and accepted" button
2. He/ She can send the lesson back to Content Creator by clicking on button "Send to creator for update" button as shown in Fig. 7.2. He can also add some comments to make corrections in the given text area.
3. He can also upload a new file by choosing a file path and clicking on upload content button

| Submit to Course Reviewer | | | | | | | |
|---------------------------|-------------|----------------------------|---------------------|----------------------------|--|----------------------------|----------------|
| Lesson | Description | Download Content | | Comments(Changes Required) | Upload Updated Content(As Course Reviewer) | | |
| Lesson10 | lesson | Lesson Content | Reviewed & Accepted | | Send back for Updation to CC | Choose File No file chosen | Upload Content |
| Lesson10 | mcq | Questionnaire (MCQ's) | Reviewed & Accepted | | Send back for Updation to CC | Choose File No file chosen | Upload Content |
| Lesson10 | fill | Questionnaire (Fill Up's) | Reviewed & Accepted | | Send back for Updation to CC | Choose File No file chosen | Upload Content |
| Lesson10 | ppt | Powerpoint Presentation | Reviewed & Accepted | | Send back for Updation to CC | Choose File No file chosen | Upload Content |
| Lesson10 | tf | Questionnaire (True/False) | Reviewed & Accepted | | Send back for Updation to CC | Choose File No file chosen | Upload Content |
| Lesson11 | lesson | Lesson Content | Reviewed & Accepted | | Send back for Updation to CC | Choose File No file chosen | Upload Content |
| Lesson11 | mcq | Questionnaire (MCQ's) | Reviewed & Accepted | | Send back for Updation to CC | Choose File No file chosen | Upload Content |

Fig.7.2: Accept content or suggest changes

7.2 Content Review/Submission Status

Unit Reviewer Can View the status of the content reviewed by him as shown in Fig 7.3. He can check whether the lesson content is submitted to course reviewer or the content is sent back to the content creator for further updating.

E-Learning Portal
(Open Call for Course Content Creation and Review of e-Learning Courses Under NAHEP Component-2)

PROFILE - VIEW SYLLABUS APPLY & VIEW STATUS - VIEW TEAM MEMBERS UNIT REVIEWER - Welcome! G. VIJAYAKUMAR Logout

View Unit Reviewer Status

Select Call: Call - 1
Course: Ruminant Clinical Medicine-II
Unit: UNIT-III

| Lesson No. | Name | Media | Upload Version | Upload Status |
|------------|---|-------------------------|----------------|--|
| Lesson1 | BASIC ANATOMY OF EYE AND DIAGNOSTIC APPROACH TO OPHTHALMOLOGICAL DISORDERS IN RUMINANTS | Assignment | 1 | Submitted to Course Reviewer |
| | | Powerpoint Presentation | 1 | Sent back to Content Creator |
| | | Powerpoint Presentation | 2 | Sent back to Content Creator |
| | | Powerpoint Presentation | 3 | Submitted to Course Reviewer (Updated Version) |

Fig 7.3: Content Review/Submission status Window

7.3. Status of content reviewed by Course reviewer

Unit reviewer can view the status of the content reviewed by course reviewer as shown in Fig 7.4 under the status of content reviewed by course reviewer option available in the drop-down list of unit reviewers

E-Learning Portal
(Open Call for Course Content Creation and Review of e-Learning Courses Under NAHEP Component-2)

PROFILE - VIEW SYLLABUS APPLY & VIEW STATUS - VIEW TEAM MEMBERS UNIT REVIEWER - Welcome! G. VIJAYAKUMAR Logout

Status of Content Reviewed by Course Reviewer

Select Call: Call - 1
Course: Ruminant Clinical Medicine-II
Unit: UNIT-III

Content Sent back by Course Reviewer to Re-Upload
No Content was sent back!

Content Reviewed & Accepted by Course Reviewer
No Content Reviewed!

Old Content Updated by You on basis of CR Comments
No Content Uploaded as of Now!

E-Learning Portal
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Fig 7.4: Status of content Reviewed by Course Reviewer

8. Course Reviewer

For each course, a course reviewer is selected to integrate all the units and review the course content as a whole.

8.1 Review Content

Course reviewer can log into system using their credentials and follow following steps:

- Select Review content option from the drop-down menu of course reviewer.
- On clicking the next button after selecting the call, and filling the details as shown in Fig. 8.1. user will be redirected to review content page

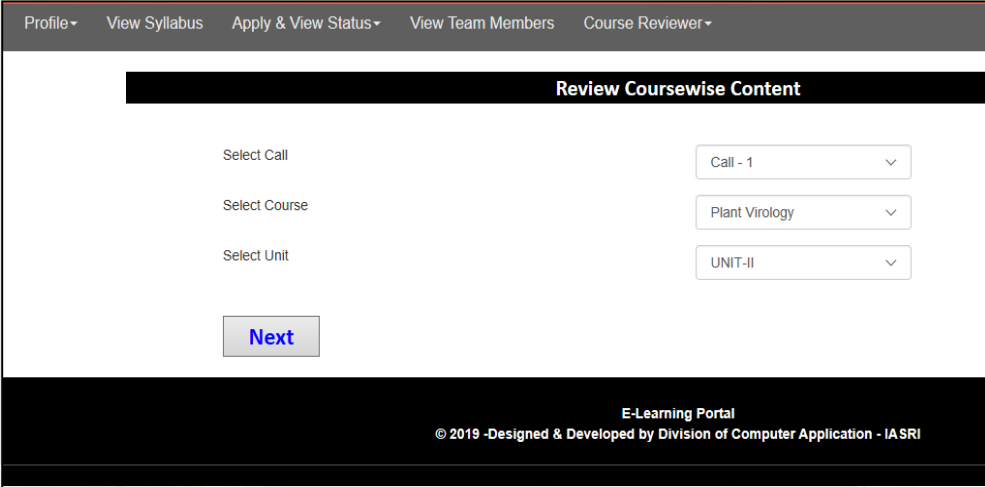


Fig. 8.1: Review course wise content window

- In case the unit reviewer has not submitted the content, the message shown in Fig 8.2 will be displayed.

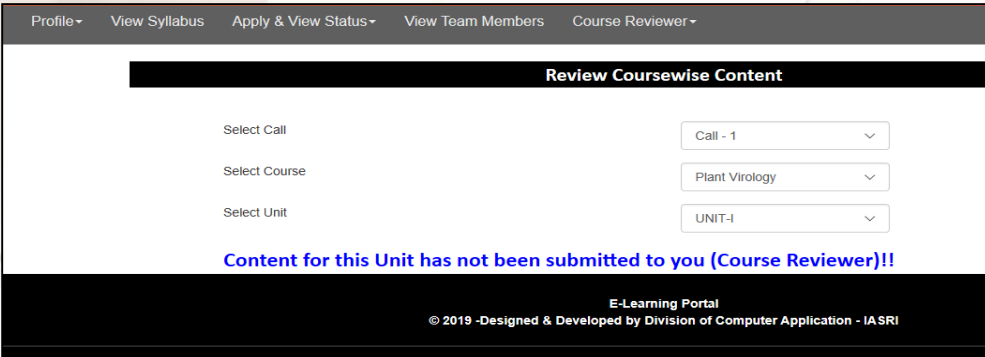


Fig.8.2: No content submitted by unit reviewer

- Course Reviewer can take three actions corresponding to each lesson of each unit either he could accept the lesson if the content is up to the mark by clicking on "Reviewed and accepted" button or he can send the lesson back to unit reviewer by clicking on button "Send to unit reviewer for update" button as shown in Fig. 8.3. He can also

add some comments to make corrections in the given text area.

- He can also upload a new file by choosing a file path and clicking on upload content button. as shown in Fig 8.3

E-Learning Portal
(Open Call for Course Content Creation and Review of e-Learning Courses Under NAHEP Component-2)

PROFILER- VIEW SYLLABUS APPLY & VIEW STATUS- VIEW TEAM MEMBERS UNIT REVIEWER- Welcome! G. VIJAYAKUMAR Logout

COURSE REVIEWER-

Review Unit Content

*Refer -Guidelines (Content Creation & Review) [← Back](#)

Call: Call-1
Course: Ruminant Clinical Medicine-I (VCM601)
Unit: UNIT-I

Note*- You can only finalize Content when no content is left for review and update!!

[Unit Content Finalized](#)

| Lesson | Description | Download Content | Comments(Changes Required) | Upload Updated Content(As Course Reviewer) |
|---------|---------------|-----------------------------|----------------------------|---|
| Lesson1 | MCQs | Questionnaire (MCQ's) | Reviewed & Accepted | Send to Unit Reviewer for Update <input type="button" value="Choose File"/> No file chosen Upload Conte |
| Lesson1 | True or False | Questionnaire (True/False)g | Reviewed & Accepted | Send to Unit Reviewer for Update <input type="button" value="Choose File"/> No file chosen Upload Conte |
| Lesson1 | Fill | Questionnaire (Fill Up's) | Reviewed & Accepted | Send to Unit Reviewer for Update <input type="button" value="Choose File"/> No file chosen Upload Conte |
| Lesson1 | Short Q&A | Questionnaire | Reviewed & Accepted | Send to Unit Reviewer for Update <input type="button" value="Choose File"/> No file chosen Upload Conte |

Fig.8.3: Review unit content window

- Course Reviewer can also see the status of the unit wise reviewed content at the end of the page shown in Fig.8.4


| | | | | | | | |
|--|---------|---|---------------------|--|----------------------------------|------------------------------|----------------|
| Lesson9 | content | Lesson Content | Reviewed & Accepted | | Send to Unit Reviewer for Update | | Upload Content |
| Lesson9 | PPT |  Powerpoint Presentation | Reviewed & Accepted | | Send to Unit Reviewer for Update | Choose File No file chosen | Upload Content |
| Reviewed & Accepted Content | | | | | | | |
| No Content Accepted | | | | | | | |
| Content Sent back to Unit Reviewer for Update | | | | | | | |
| No Content Sent Back | | | | | | | |
| Content Updated by You | | | | | | | |
| No Content Updated by you | | | | | | | |

Fig. 8.4: View status of the units reviewed by course reviewer





