
User Manual

For

Online E-Learning and Virtual
Classroom integrated with the
Portal with facility to teachers to
teach students Online

Version 1.0

Bundelkhand University, Jhansi

Submitted By :

Designed & Developed By:



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1. Login Page

Steps:

- Open <http://ums.bujhansi.org> in a browser in your computer.

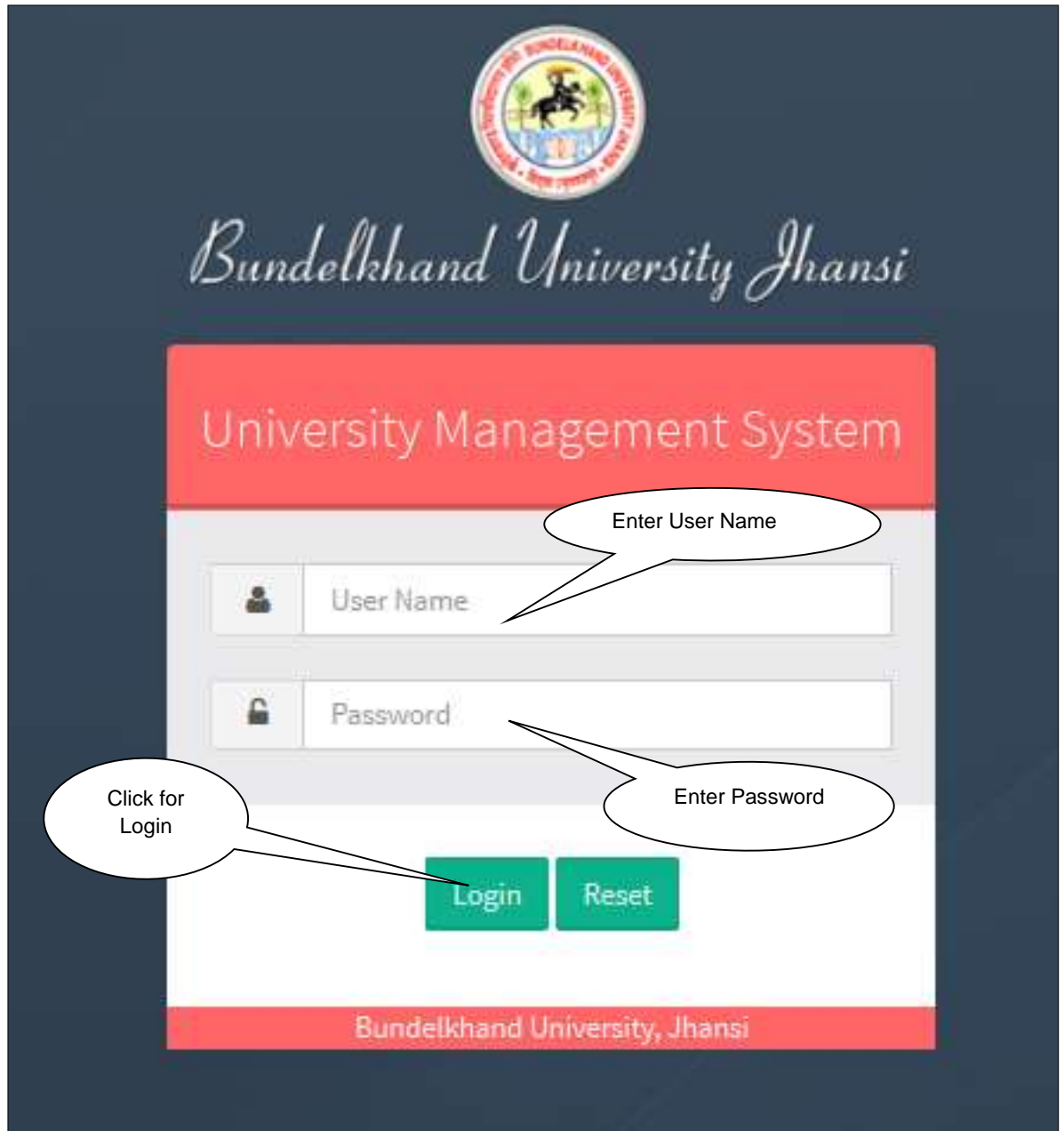


Image: Login Page

- Type **User Name** and **Password** in Textboxes.
- Click **Login Button**, page will be navigated to **Dashboard**.

2. Dashboard

Steps:

- **Dashboard** looks like this:



Image: Dashboard

- Click on **E-learning** Tab, page will be navigated to **Virtual Education & Training Module**.

3. Welcome Page

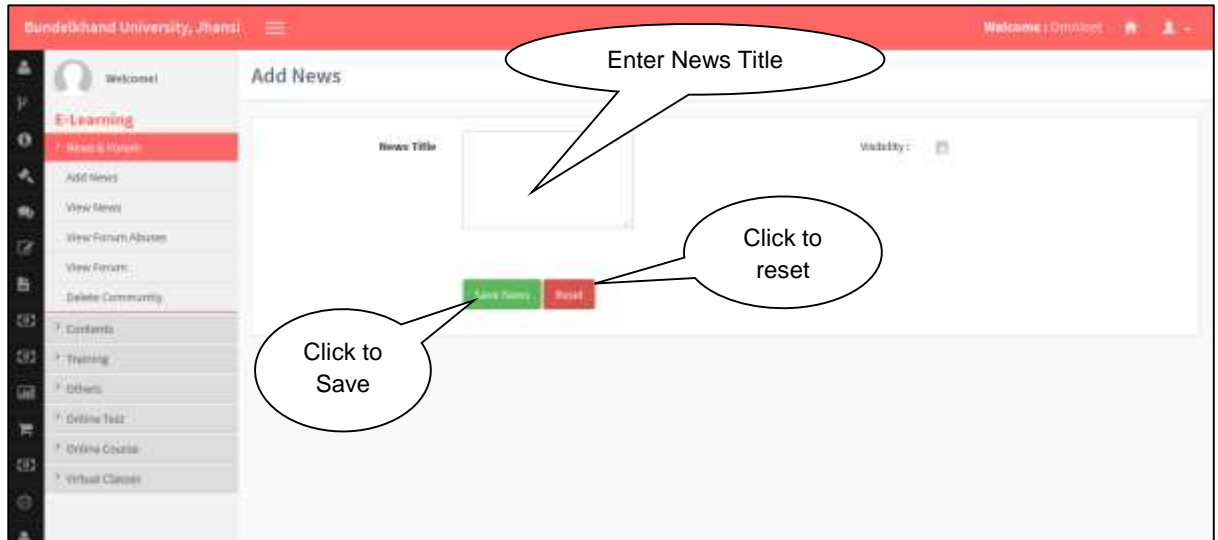
Steps:



4. Add News

Steps:

- Click on **Add News Tab**.

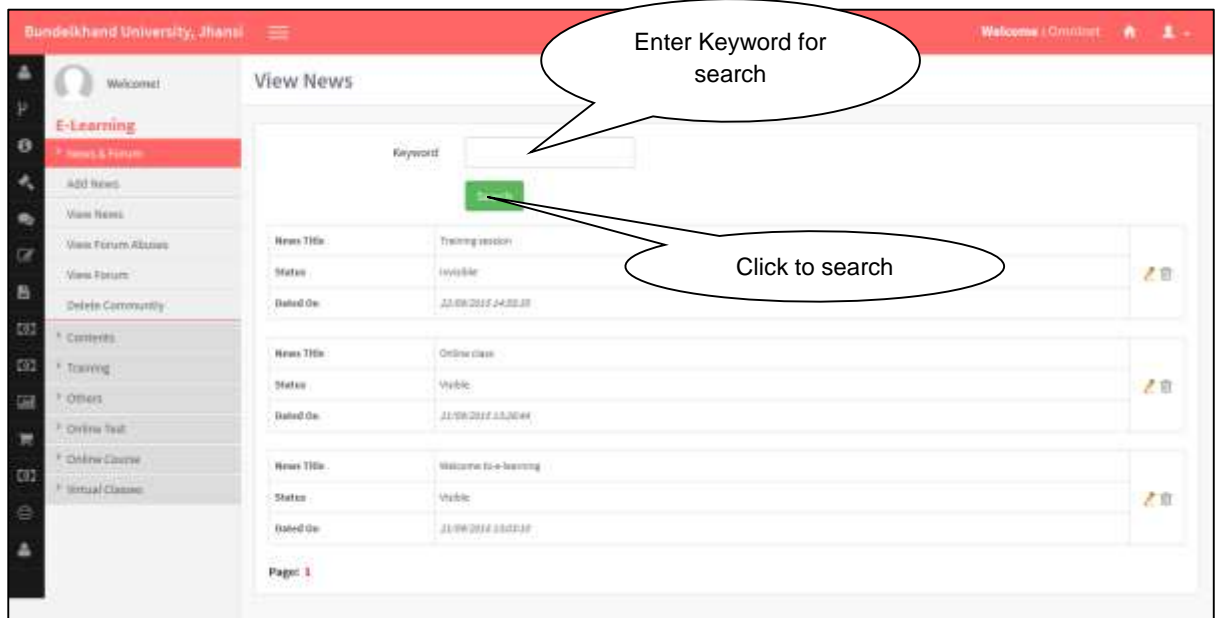


- User will fill the following details.

5. View News

Steps:

- Click on **View News Tab**.

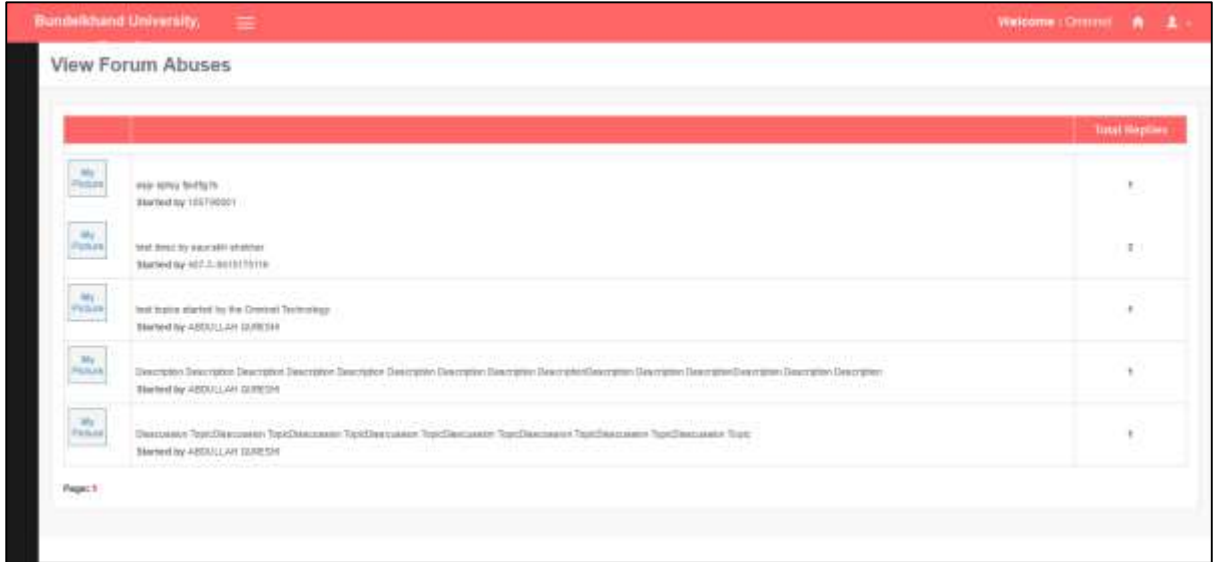


- Click **Search Button** to search your entries.

6. View Forum Abuses

Steps:

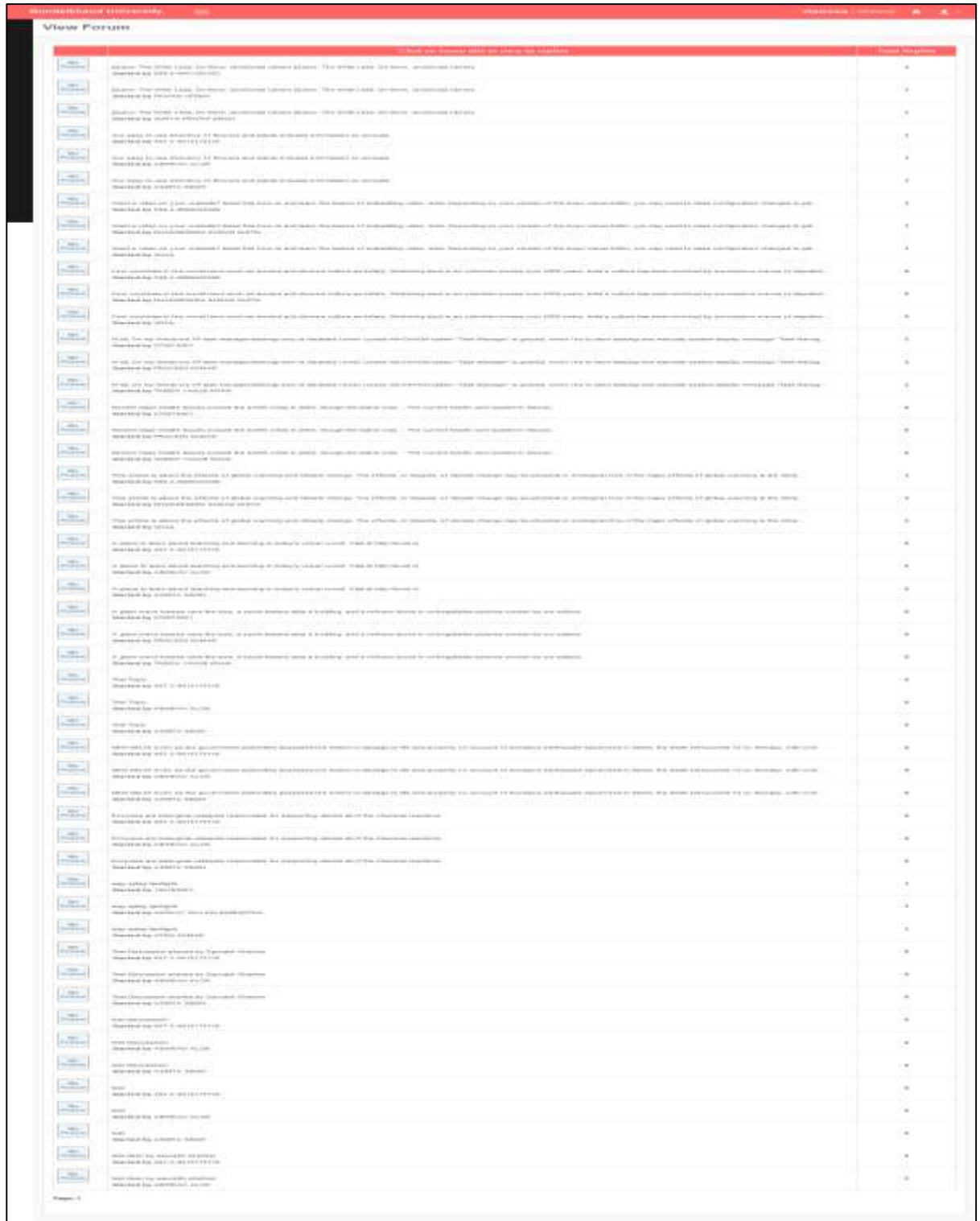
- Click on **View Forum Abuses** Tab.



7. View Forum

Steps:

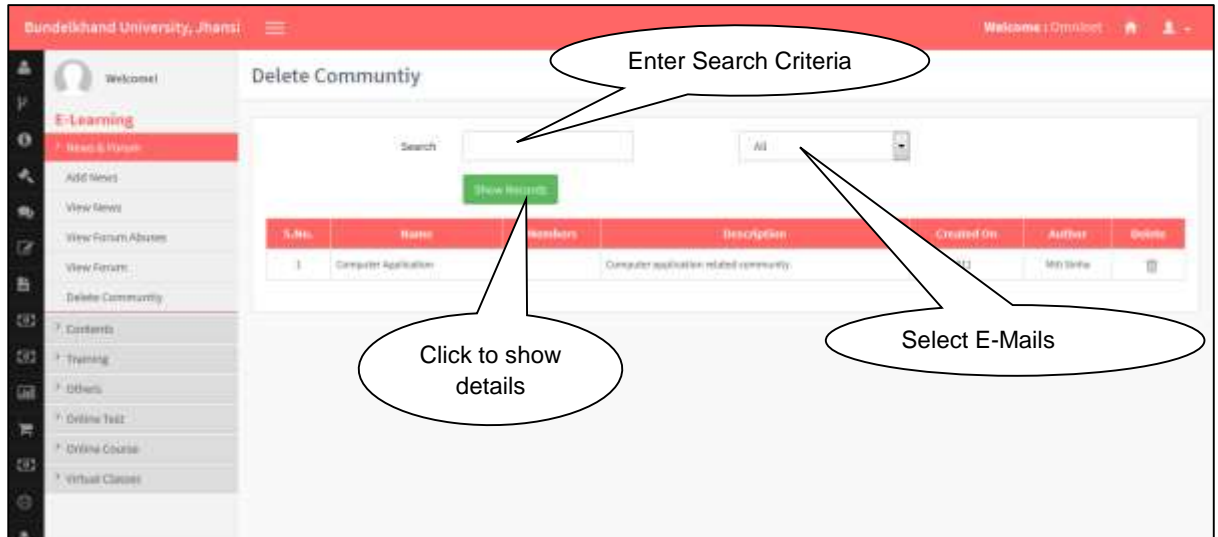
- Click on **View Forum Tab.**



8. Delete Community

Steps:

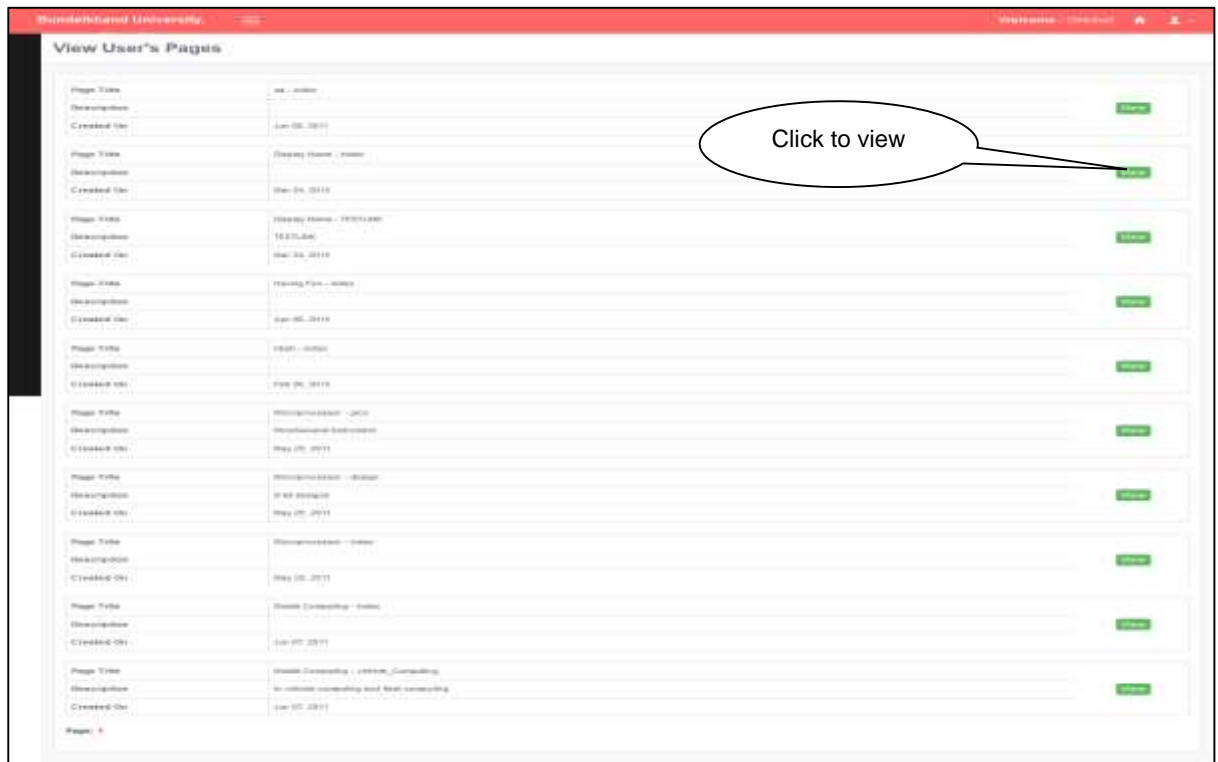
- Click on **Delete Community** Tab.



9. View User's Pages

Steps:

- Click on **View User's Pages** Tab.

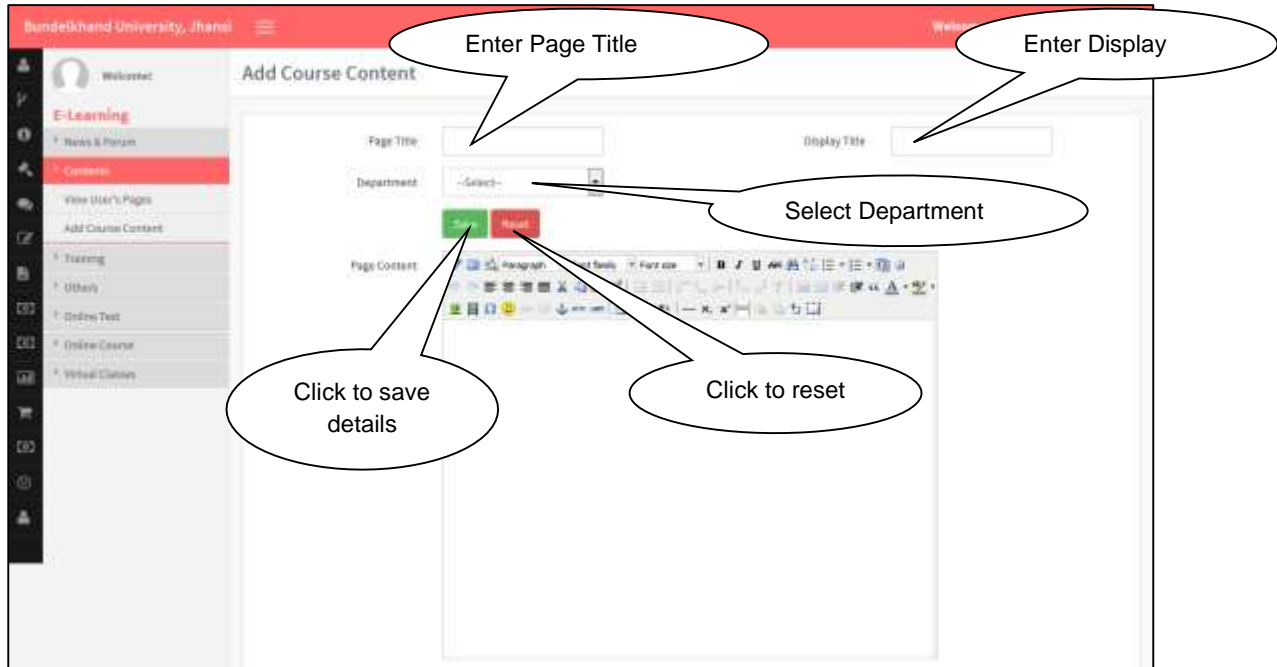


- Click on **View Button** to see the details.

10. Add Course Content

Steps:

- Click on **Add Course Content** Tab.

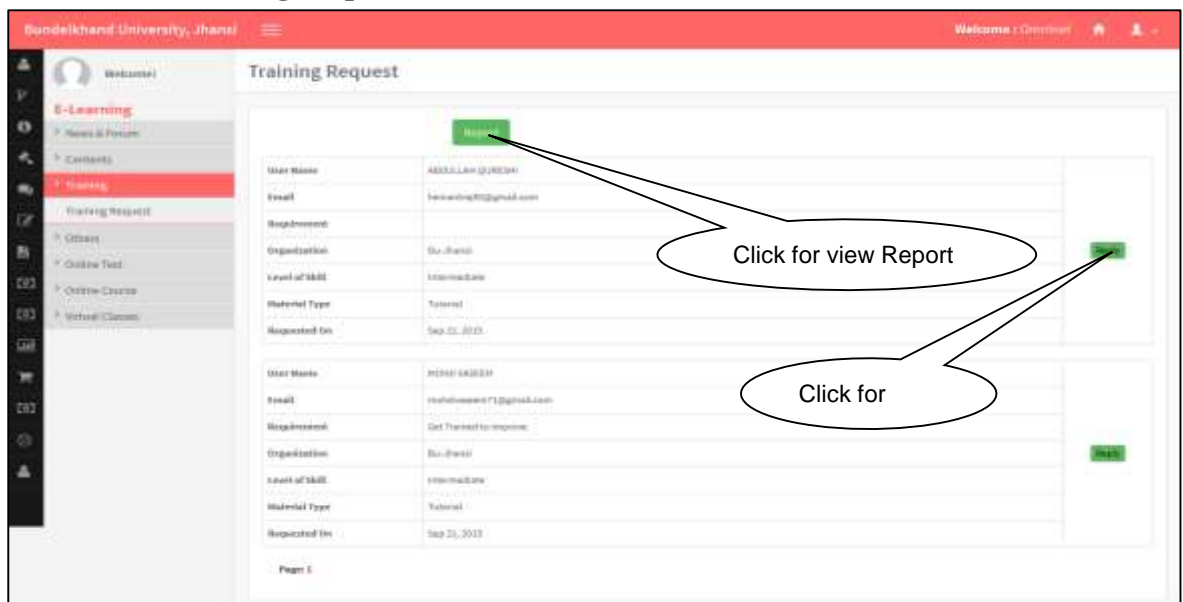


- User will fill the details.

11. Training Request

Steps:

- Click on **Training Request** Tab.



- Click on **Report Button** to get report Tab.

12. Upload Video

Steps:

- Click on **Upload Video** Tab.

The screenshot shows the 'Upload Video' form in the system. The form includes a 'Professor Name' field with a callout 'Enter Professor', a 'Discipline' dropdown menu with a callout 'Select', a 'Course' dropdown menu with a callout 'Select Course', a 'Sequence' dropdown menu with a callout 'Select sequence', and a 'File Path' field with a callout 'Enter File Path'. A green 'Submit' button is highlighted with a callout 'Click to submit details'.

- Click on **Submit Button** to save details.

13. View Video

Steps:

- Click on **View Video** Tab.

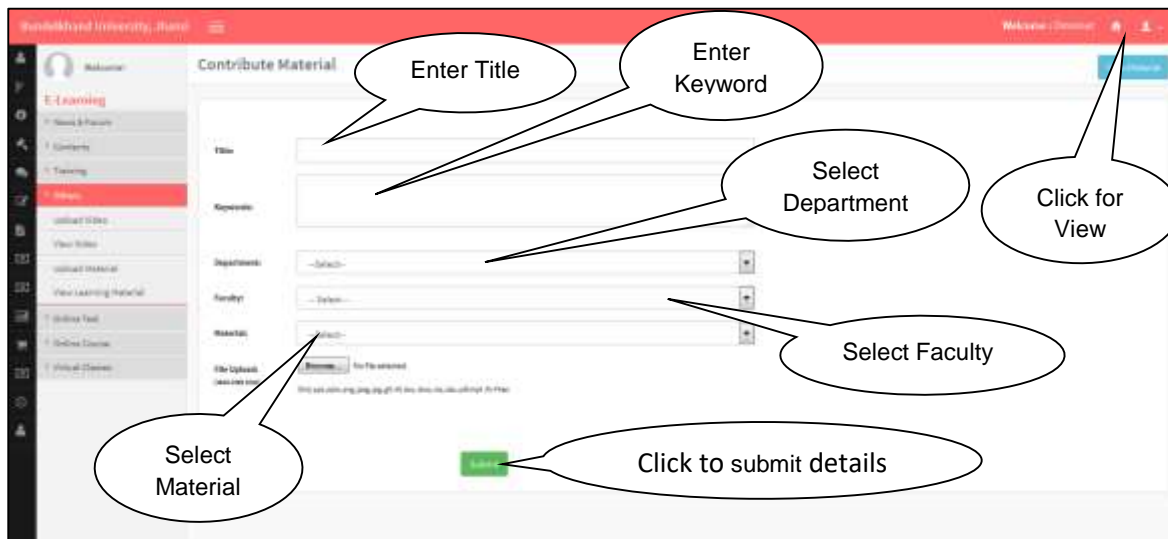
The screenshot shows the 'View Video' form in the system. The form includes a 'Discipline' dropdown menu with a callout 'Select', a 'Course' dropdown menu with a callout 'Select Course', and a green 'View Video' button with a callout 'Click for Search'.

- Click on **View Video** button to submit details.

14. Upload Material

Steps:

- Click on **Upload Material** Tab.

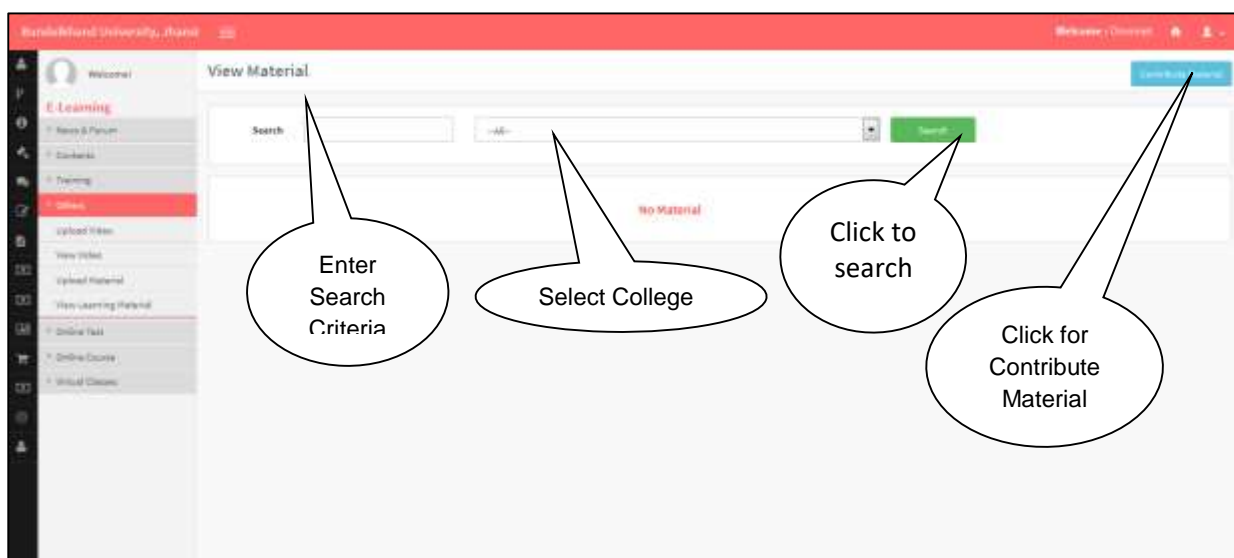


- Click on submit button to submit details.

15. View Material

Steps:

- Click on **View Material** Tab.

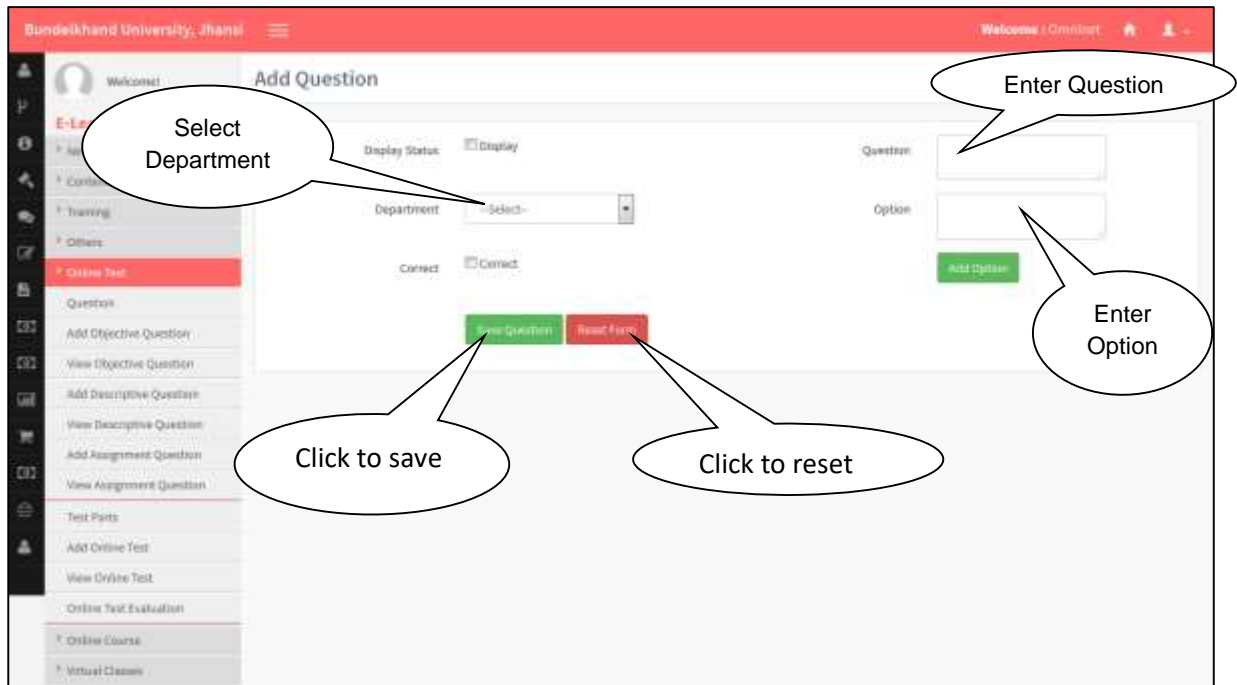


- Click on **Search Button** to search details.

16. Add Question

Steps:

- Click on **Add Question Tab**.

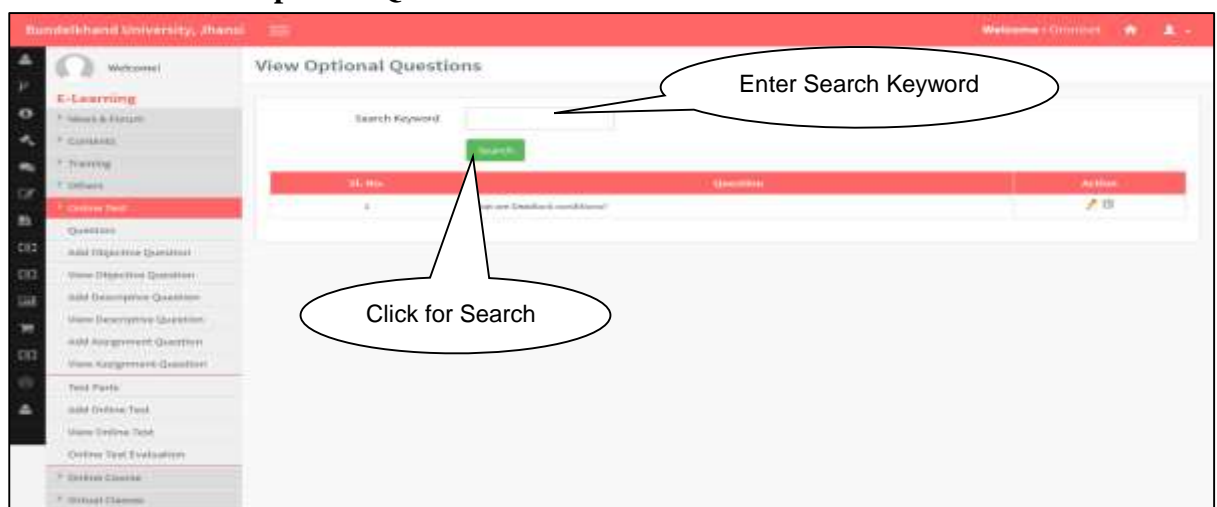


- User will fill the following details.

17. View Optional Question

Steps:

- Click on **View Optional Question Tab**.

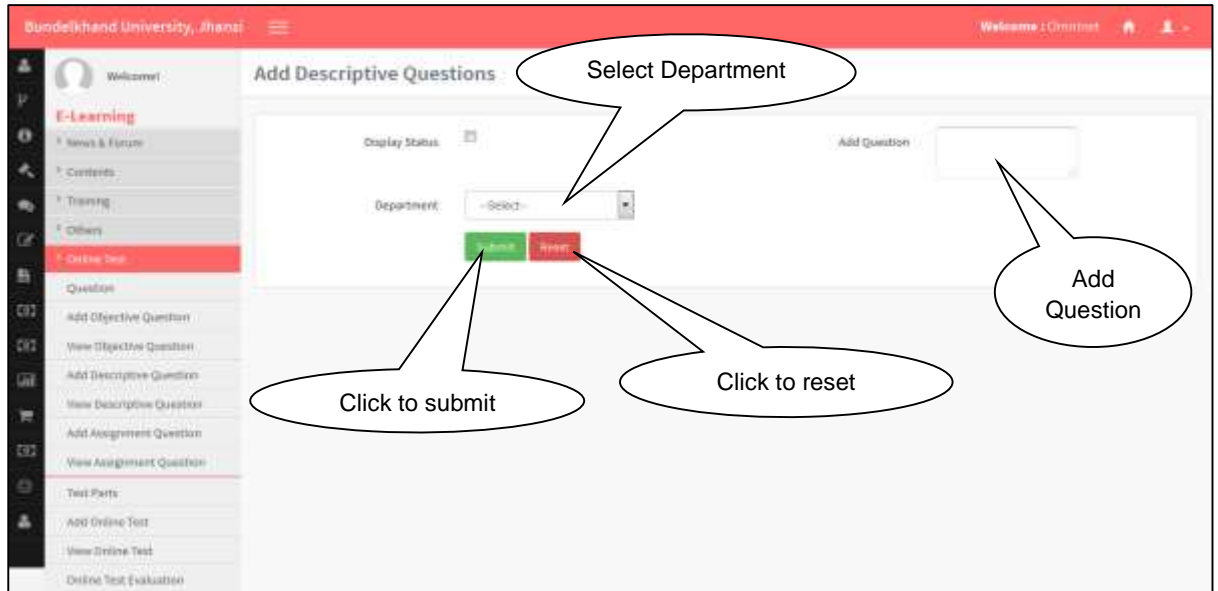


- Click on Search **Button** to get search result.

18. Add Descriptive Questions

Steps:

- Click on **Add Descriptive Question**.

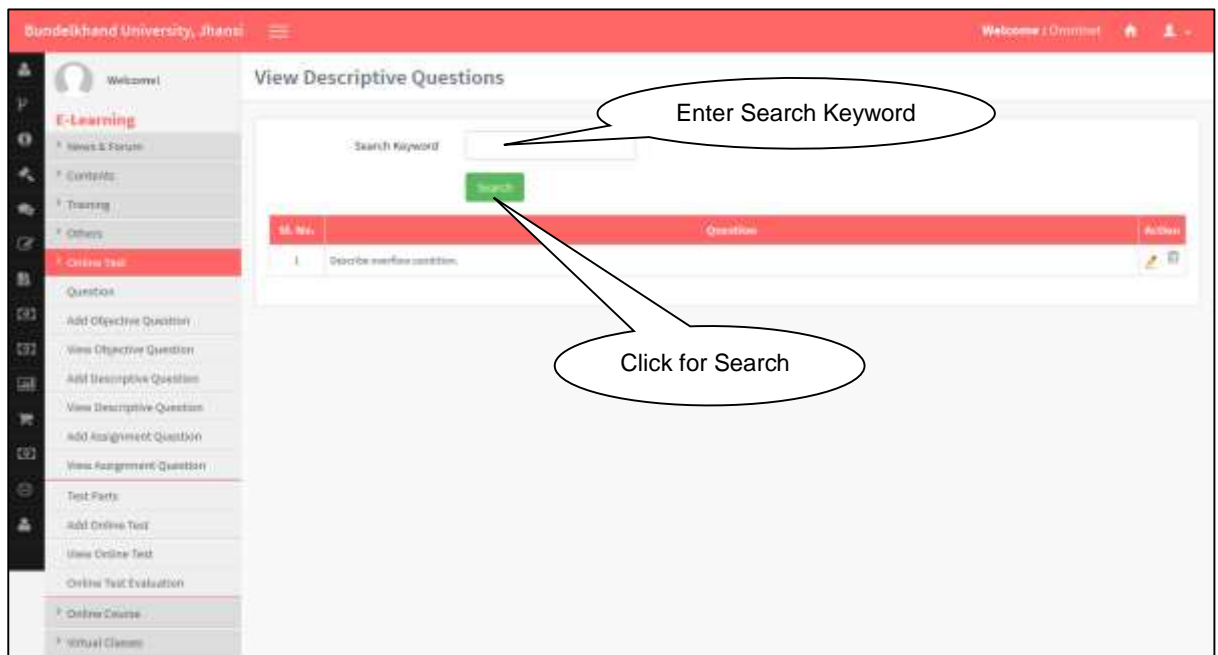


- User will fill following details.

19. View Descriptive Questions

Steps:

- Click on **View Descriptive Question Tab**.

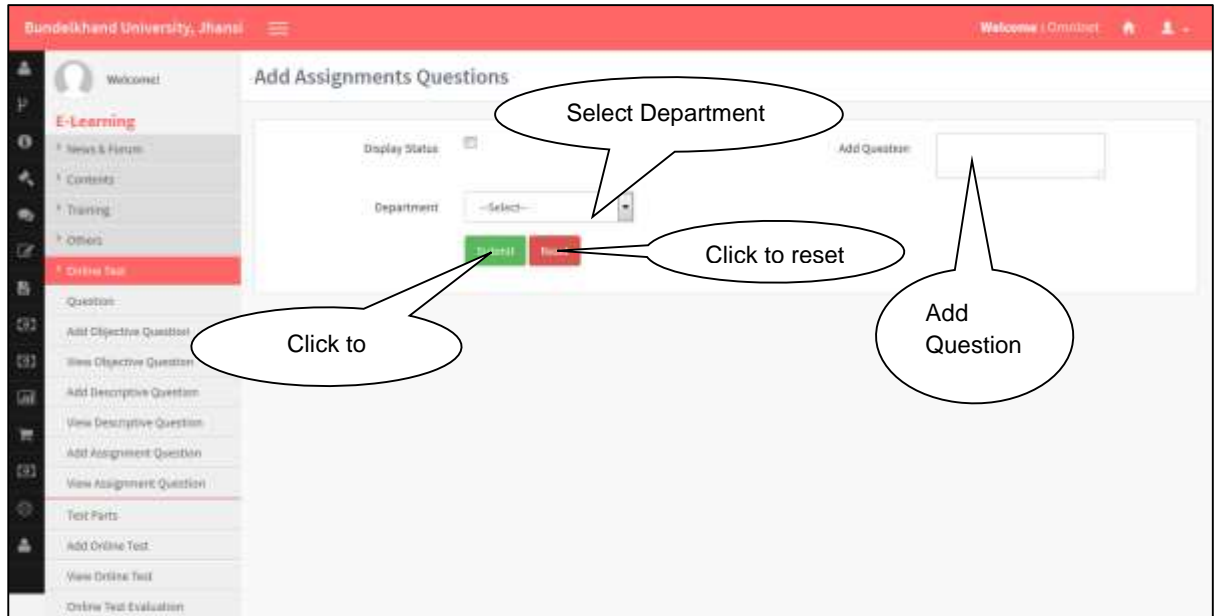


- Click on Search **Button** to get search details.

20. Add Assignment Questions

Steps:

- Click on **Add Assignment Question Tab**.

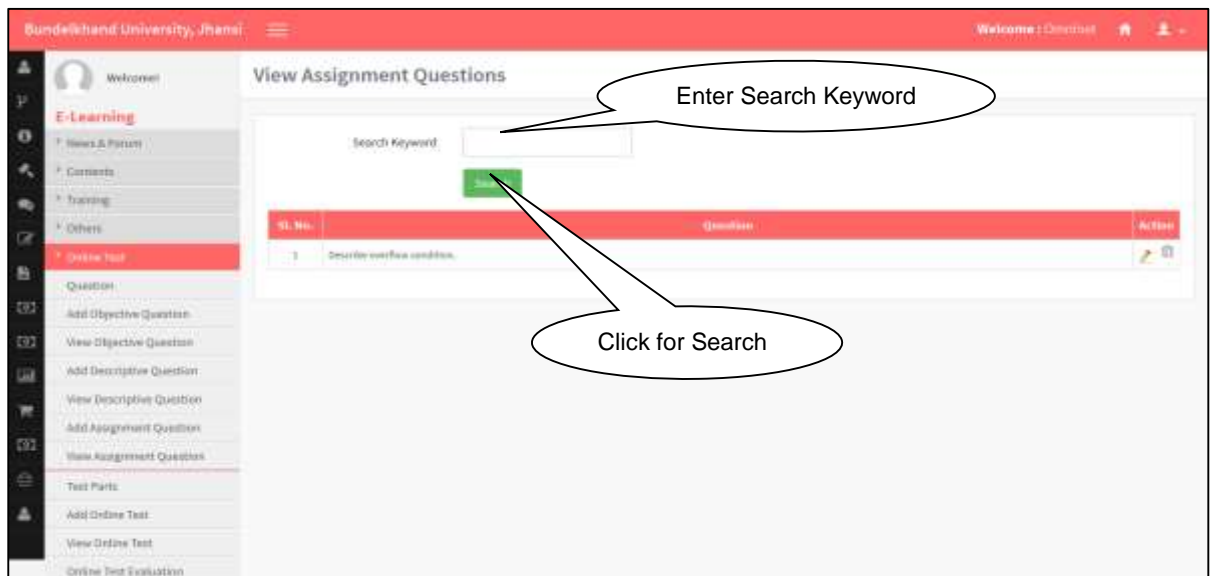


- Following details filled by the user.

21. View Assignment Question

Steps:

- Click on **View Assignment Question Tab**.



22. Create New Objective

Steps:

- Click on Create New Objective Tab.

The screenshot shows the 'Create New Objective Part' form. The form fields and their corresponding callout boxes are:

- Test Title:** Enter Test Title
- Description:** Enter Description
- Instructions:** Enter Instructions
- Max. Minute (Minute):** Enter Max
- Cut Off Marks (%):** Enter Cut Off Marks
- Per Question Mark:** Enter Question Marks
- Buttons:** Click to submit (green button), Click to reset (red button)

- Following details fill by the user.

23. View Objective Test

Steps:

- Click on **View Objective Test** Tab.

The screenshot shows the 'View Objective Test' page. The table contains the following data:

Test Title	Test Description	Maximum Time	Maximum Marks
Generic Objective Test	Help for the objective test for demonstration	10 min	2000
Today objective test	Test	10 min	2000

Callout boxes indicate the actions for the buttons:

- Edit Button:** Click to edit
- Delete Button:** Click to delete

- Click on Submit **Button** to save details.
- Click on Reset **Button** to reset fields.

24. Create Descriptive Part

Steps:

- Click on Create **Descriptive Part** Tab.

The screenshot shows the 'Create Descriptive Part' form. It includes fields for 'Test Title', 'Test Description', 'Instructions', 'Max Minutes (Minute)', 'Cut Off Marks (%)', and 'Department'. There are also radio buttons for 'Publish' (Yes/No) and 'Test Category' (Fixed Question/Random Question). At the bottom, there are 'Save' and 'Reset' buttons. Callouts point to various fields and buttons: 'Enter Instructions' points to the 'Instructions' field; 'Enter Test Title' points to the 'Test Title' field; 'Enter Description' points to the 'Test Description' field; 'Enter Max' points to the 'Max Minutes' field; 'Click to save' points to the green 'Save' button; 'Click to reset' points to the red 'Reset' button; and 'Enter Question' points to the 'Choose Questions' section.

- Click on Save **Button** to save details.
- Click on Reset **Button** to reset fields.

25. Create Assignment

Steps:

- Click on Create Assignment Tab.

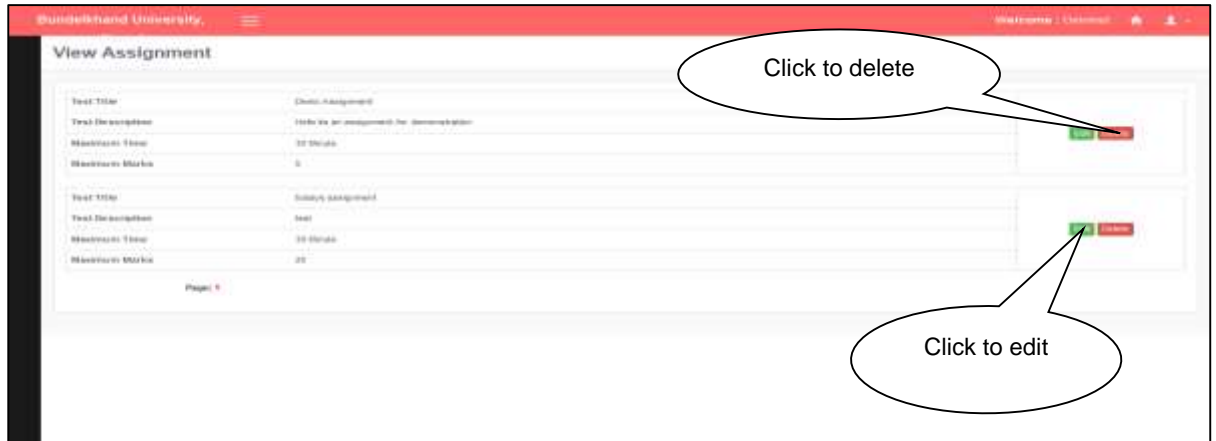
The screenshot shows the 'Create Assignment' form. It includes fields for 'Test Title', 'Test Description', 'Instructions', 'Max Minutes (Minute)', 'Cut Off Marks (%)', and 'Department'. There are also radio buttons for 'Publish' (Yes/No) and 'Test Category' (Fixed Question/Random Question). At the bottom, there are 'Save' and 'Reset' buttons. Callouts point to various fields and buttons: 'Enter Instruction' points to the 'Instructions' field; 'Enter Test Title' points to the 'Test Title' field; 'Enter Description' points to the 'Test Description' field; 'Enter Max Marks' points to the 'Max Minutes' field; 'Click to save' points to the green 'Save' button; 'Click to reset' points to the red 'Reset' button; and 'Enter Question' points to the 'Choose Questions' section.

- Click on Submit **Button** to save details.
- Click on Reset **Button** to reset fields.

26. View Assignment

Steps:

- Click on **View Assignment Tab**.



- Click on **Edit Button** to edit details.
- Click on **Delete Button** to delete fields.

27. Create Test

Steps:

- Click on **Create Test Tab**.

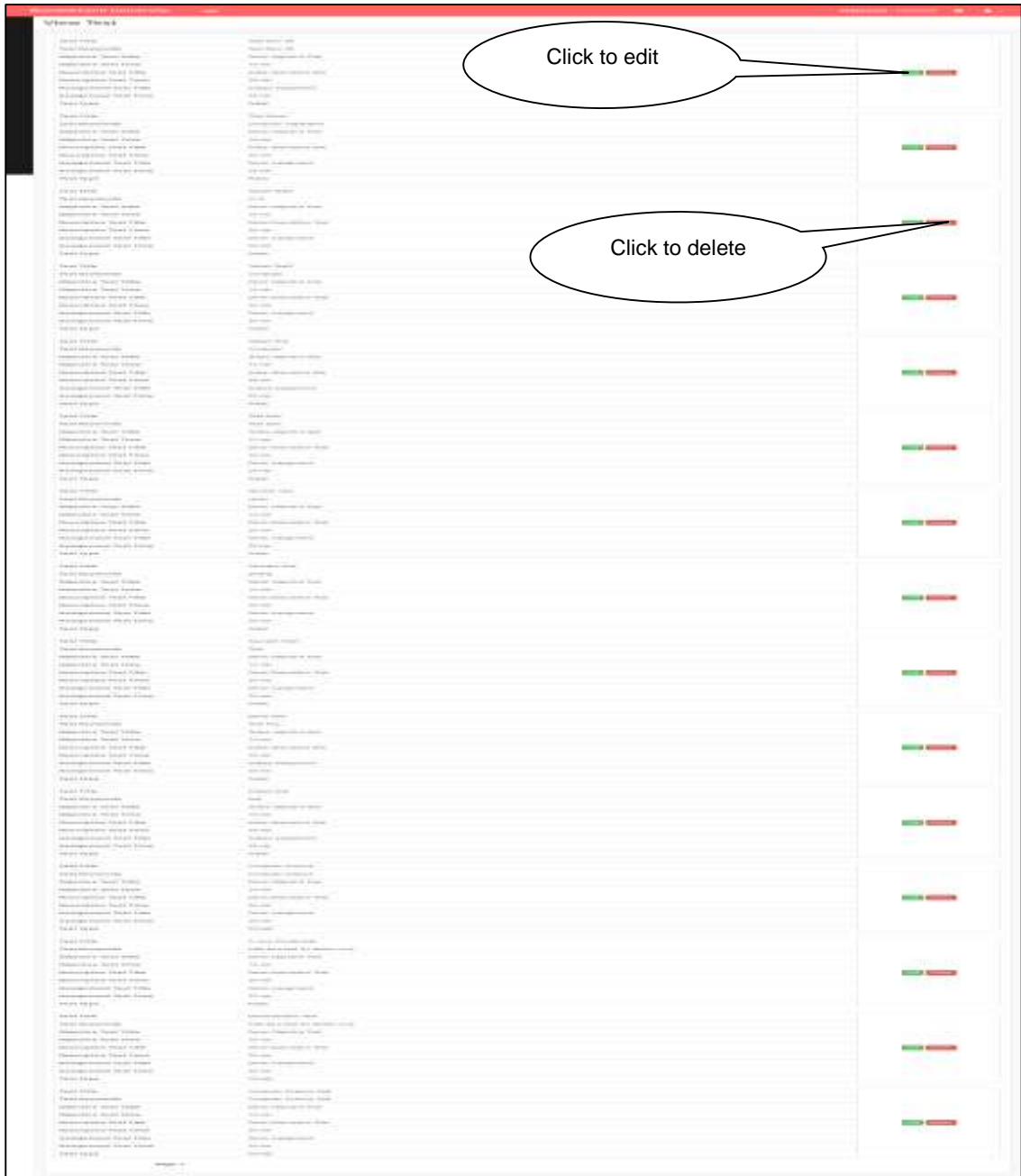


- Click on **Submit Button** to save details.
- Click on **Reset Button** to reset details.

28. View Test

Steps:

- Click on View **Test** Tab.

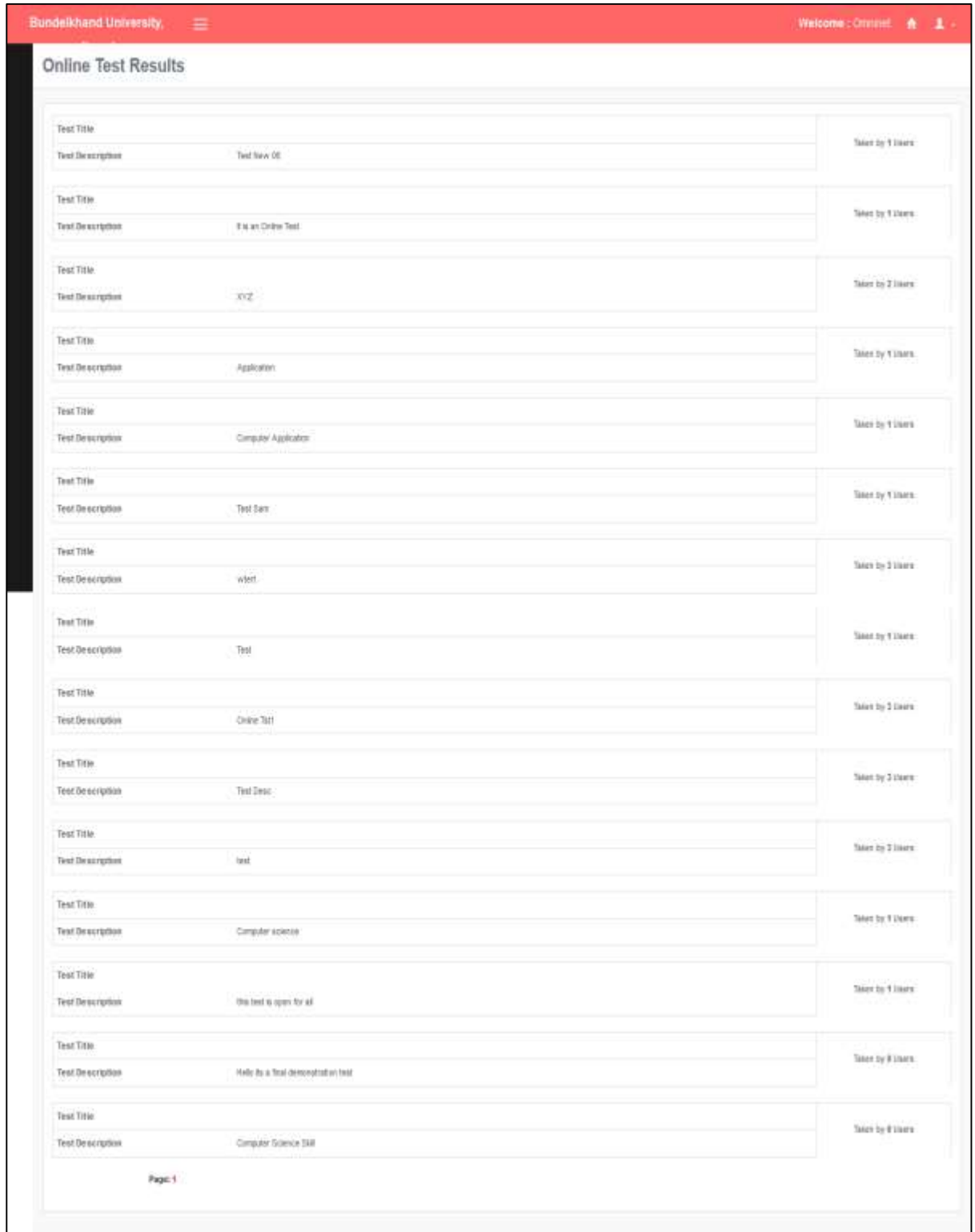


- Click on **Edit** Button to edit details.
- Click on Delete **Button** to delete fields.

29. Online Test Result

Steps:

- Click on **Online Test Evaluation Tab.**



30. Create Course

Steps:

- Click on **Create Course** Tab.

- Click on **Reset Button** to reset the fields.
- Click on **Create Course** to save details.

31. View Course

Steps:

- Click on **View Course** Tab.

S.No.	Title	Description	Keywords	Discipline	Added By	View	Action
1	Test Exam	Test Exam	Test Exam	Computer Applications	943641	Q	🔍 🗑️ 📄
2	Search Test Course	Test Course	Test	Computer Applications	407-3-0410175116	Q	🔍 🗑️ 📄
3	First Course	My First Course	First course	Computer Applications	407-3-0410175116	Q	🔍 🗑️ 📄
4	Computer science	Computer science	Computer science	Computer Applications	407-3-0410175116	Q	🔍 🗑️ 📄
5	Short Term Course	Here is my first online course for demonstration	online course (test)	Computer Applications	407-3-0410175116	Q	🔍 🗑️ 📄

- Click on **Show Result** to get details.

32. Schedule Class

Steps:

- Click on **Schedule Class Tab**.

The screenshot shows the 'Schedule a Class' form with the following callouts:

- Enter Keywords
- Enter Class Title
- Click for check availability
- Select Faculty
- Select Department
- Enter about
- Enter Schedule Date
- Select Schedule Time
- Click for check Time Availability
- Enter Class Duration
- Select Language
- Click to submit
- Click to reset

- Click on Schedule Class button to save details.
- Click on Reset Button to reset the fields.

33. Approve Virtual Class

Steps:

- Click on **Approve Virtual Class Tab**.

The screenshot shows the 'Approve Virtual Class' page with the following callouts:

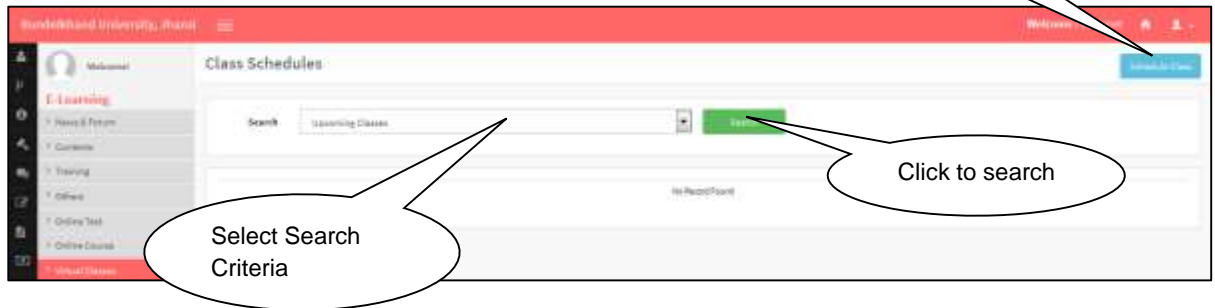
- Select Search Criteria
- Click to search
- Click for Schedule Class

S.No.	Class Title	Date	Time	Duration	Attendees	Block/In	In Authorized
1	Net_L4800101	Sep 17, 2022	7:30PM	10 Hours	15		Yes/No
2	Net_L4800102	Sep 18, 2022	10:00PM	10 Hours	10		Yes/No
3	Net_L4800103	Sep 18, 2022	8:20PM	10 Hours	10	S.L.I.IV INSTITUTE OF LAW, BANGALURU UNIVERSITY CAMPUS	Yes/No
4	Net_L4800104	Sep 23, 2022	7:30PM	10 Hours	10	S.L.I.IV INSTITUTE OF LAW, BANGALURU UNIVERSITY CAMPUS	Yes/No
5	Net_L480010498	Sep 14, 2022	7:30PM	10 Hours	10	S.L.I.IV INSTITUTE OF LAW, BANGALURU UNIVERSITY CAMPUS	Yes/No
6	Net_L4800105	Sep 22, 2022	9:20PM	10 Hours	10	INSTITUTE OF BIOMEDICAL SCIENCES, BANGALURU UNIVERSITY CAMPUS	Yes/No
7	Net_L4800106	Sep 24, 2022	2:30PM	10 Hours	10	INSTITUTE OF BIOMEDICAL SCIENCES, BANGALURU UNIVERSITY CAMPUS	Yes/No

34. View Schedule Class

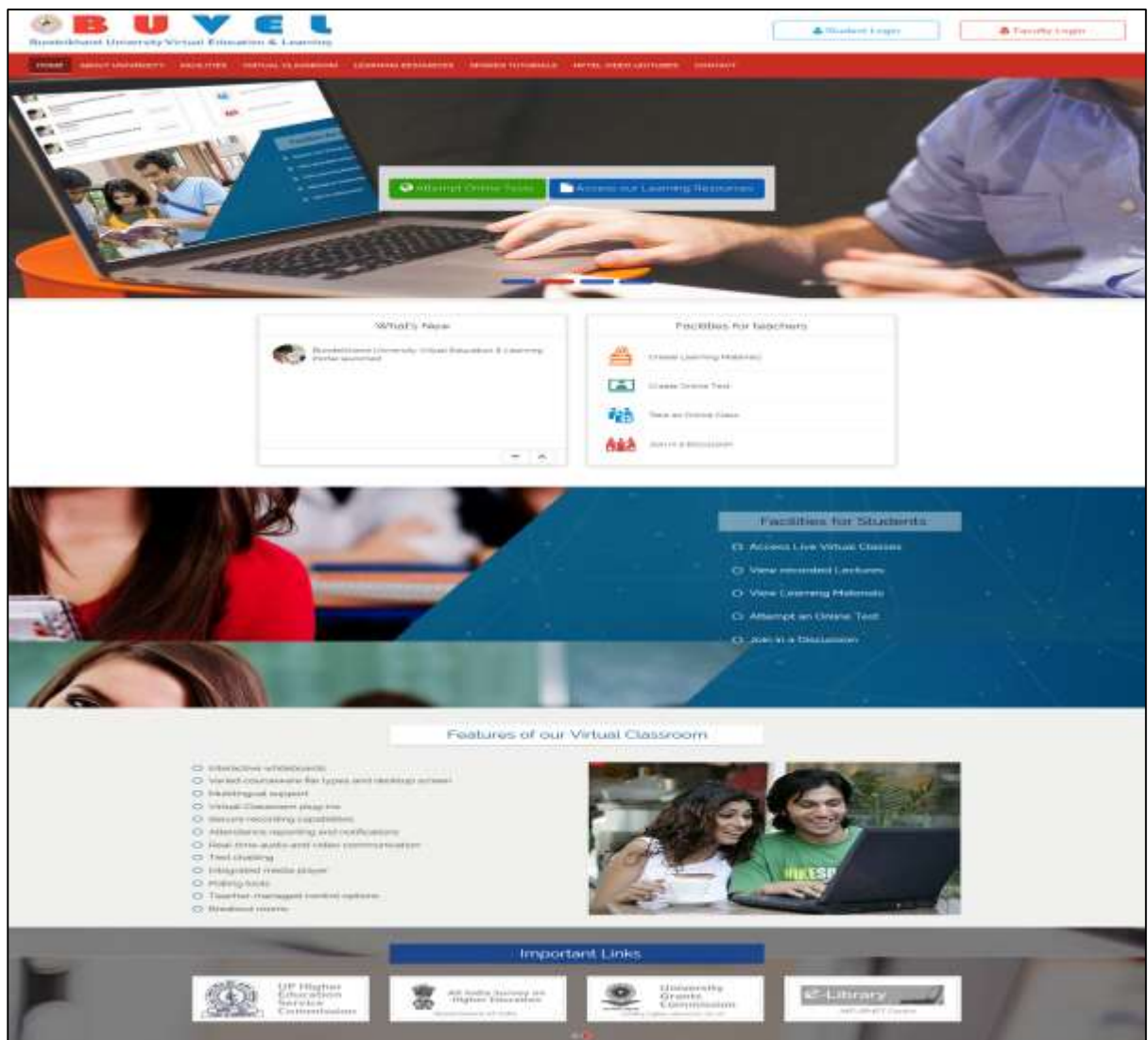
Steps:

- Click on **View Schedule Class** Tab.



35. E- Learning

Steps:



36. Spoken Tutorials

Steps:

- Click on **Spoken Tutorials** Tab.

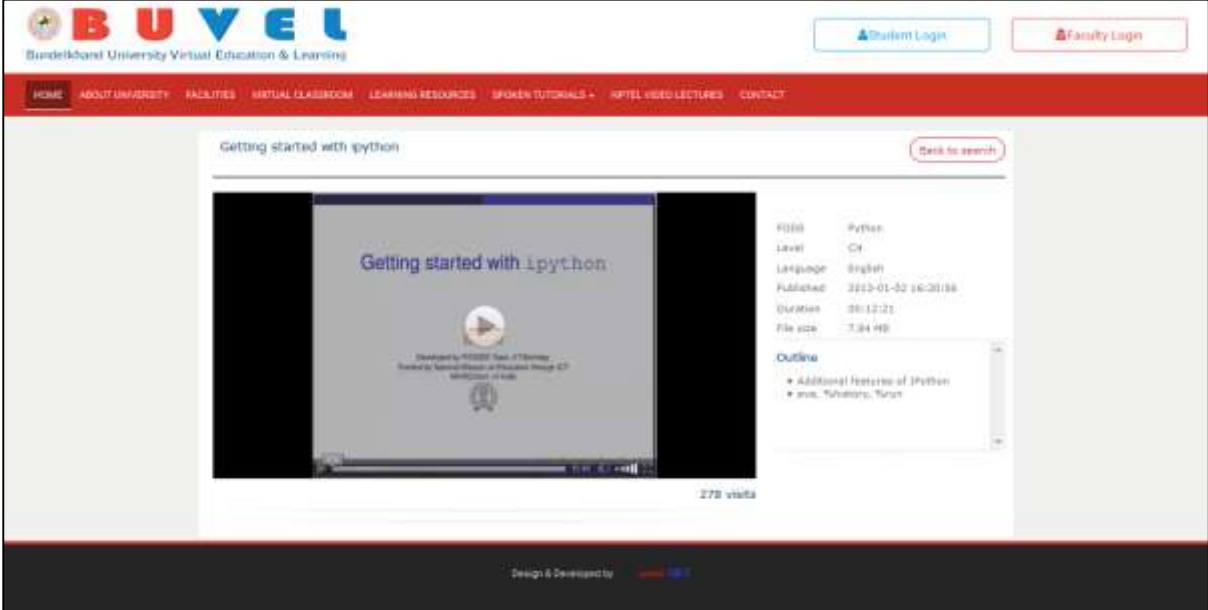
The screenshot displays the 'Spoken Tutorials' section of the BUVEL (Bharathiar University Virtual Education & Learning) portal. The page features a navigation bar with links for Home, About University, Academics, Virtual Classroom, Learning Resources, Spoken Tutorials, Help, Web Settings, and Contact. Below the navigation bar, there are buttons for 'Student Login' and 'Faculty Login'. The main content area is titled 'List of videos to view' and includes a search filter for 'Python Tutorial'. A table lists 68 video tutorials, each with a video icon, a title, and a duration. The table columns are IDNO, CODE, Level, Language, and Tutorial Name. The video player on the right shows a play button and a thumbnail for 'What is a Spoken Tutorial'.

IDNO	CODE	Level	Language	Tutorial Name
1	Python	IC1	English	Getting started with python
2	Python	IC2	Hindi	Getting started with python
3	Python	IC3	English	Using the plot command interactively
4	Python	IC2	Hindi	Using the plot command interactively
5	Python	IC4	English	Embedding a plot
6	Python	IC3	Hindi	Embedding a plot
7	Python	IC2	English	Saving plots
8	Python	IC3	Hindi	Saving plots
9	Python	IC5	English	Multiple plots
10	Python	IC3	Hindi	Multiple plots
11	Python	IC3	English	Additional features of matplotlib
12	Python	IC3	Hindi	Additional features of matplotlib
13	Python	IC4	English	Loading data from files
14	Python	IC3	Hindi	Loading data from files
15	Python	IC3	English	Plotting the axes
16	Python	IC2	Hindi	Plotting the axes
17	Python	IC3	English	Other topics of plot
18	Python	IC3	Hindi	Other topics of plot
19	Python	IC4	English	Getting started with large notebooks
20	Python	IC2	English	Getting started with symbols
21	Python	IC2	English	Using magic
22	Python	IC2	English	Using magic to fetch
23	Python	IC3	English	Getting started with lists
24	Python	IC2	Hindi	Getting started with lists
25	Python	IC2	English	Getting started with for
26	Python	IC3	Hindi	Getting started with for
27	Python	IC3	English	Getting started with strings
28	Python	IC3	Hindi	Getting started with strings
29	Python	IC1	English	Getting started with files
30	Python	IC2	Hindi	Getting started with files
31	Python	IC2	English	Flattening data
32	Python	IC3	Hindi	Flattening data
33	Python	IC2	English	Reshaping
34	Python	IC3	Hindi	Reshaping
35	Python	IC2	English	Getting started with arrays
36	Python	IC3	Hindi	Getting started with arrays
37	Python	IC5	English	Accessing parts of arrays
38	Python	IC2	Hindi	Accessing parts of arrays
39	Python	IC3	English	Reshapes
40	Python	IC3	Hindi	Reshapes
41	Python	IC2	English	Least squares fit
42	Python	IC3	Hindi	Least squares fit
43	Python	IC1	English	Basic arithmetic and operators
44	Python	IC2	English	if..else
45	Python	IC2	English	Conditionals
46	Python	IC3	English	Loops
47	Python	IC2	Hindi	Loops
48	Python	IC3	English	Manipulating files
49	Python	IC3	English	Manipulating strings
50	Python	IC4	English	Getting started with tuples
51	Python	IC3	English	Dictionaries
52	Python	IC2	English	Sets
53	Python	IC4	English	Getting started with functions
54	Python	IC4	English	Advanced features of functions
55	Python	IC4	English	Using python modules
56	Python	IC4	Hindi	Using python modules
57	Python	IC4	English	Writing python scripts
58	Python	IC4	English	Testing and debugging

37. Tutorial Video in English

Steps:

- Click on **video link** as per your choice.



The screenshot displays the BUVEL (Bundelkhand University Virtual Education & Learning) portal. The header includes the university logo and navigation links: HOME, ABOUT UNIVERSITY, FACILITIES, VIRTUAL CLASSROOM, LEARNING RESOURCES, SPOKEN TUTORIALS, NPTEL VIDEO LECTURES, and CONTACT. There are buttons for 'Student Login' and 'Faculty Login'. The main content area features a video player titled 'Getting started with ipython'. The video player shows a slide with the title and a play button. To the right of the video player, there is a metadata table:

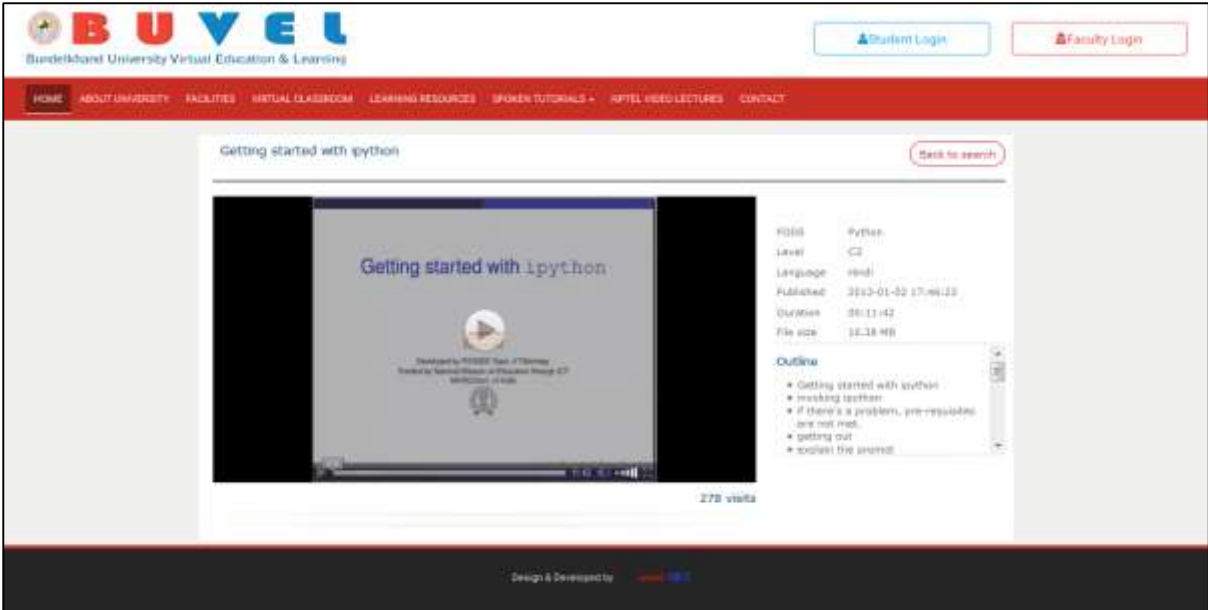
Title	Python
Level	C1
Language	English
Published	2013-01-02 16:20:58
Duration	00:12:21
File size	3.04 MB

Below the table is an 'Outline' section with a search icon and a list of items: 'Additional features of Python', 'ans, Variables, For'. At the bottom of the page, it says 'Design & Developed by' followed by a logo.

38. Tutorial Video in Hindi

Steps:

- Click on **Video Link** as per your choice.



The screenshot displays the BUVEL portal, similar to the previous one. The main content area features a video player titled 'Getting started with ipython'. The video player shows a slide with the title and a play button. To the right of the video player, there is a metadata table:

Title	Python
Level	C2
Language	Hindi
Published	2013-01-02 17:46:23
Duration	00:11:42
File size	12.18 MB

Below the table is an 'Outline' section with a search icon and a list of items: 'Getting started with python', 'making ipython', 'if there is a problem, pre-requisites are not met.', 'getting out', 'explains the errors'. At the bottom of the page, it says 'Design & Developed by' followed by a logo.