



Clicker V4 Manual (Local Mode)

INSTRUCTOR' S MANUAL

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1. General Information

Clicker Overview

In a classroom environment, interaction between instructor and participants is the most crucial factor for effective learning. In 2009, I.I.T Bombay developed a low-cost clicker device, and a complete system which was used for conducting quizzes. These devices were used to collect instant feedback from a large number of participants, as a response to a question or quiz. In 2012, enhanced version of this application system was successfully ported on Aakash tablet.

Since, Aakash tablet is having more processing power than clicker device, several useful features have been added. A quiz question now gets fully downloaded on individual student's Aakash tablet, through Wi-Fi. A multiple questions test can now be conducted. Time synchronization is maintained throughout the quiz using Wi-Fi on Aakash tablet. Once the timer stops, all answers are automatically collected through Wi-Fi, and individual scores gets stored in the database.

2. System Summary

Clicker Configuration

A system must meet the minimum following requirements:

- a) Ubuntu 10.04 or Ubuntu 12.04 Operating System,
- b) 1GHz x86 Processor, 1 GB RAM, 10GB Disk Space and Video support of 1024 x 768 Resolution
- c) Wi-Fi router properly configured and
- d) Aakash tablets (*fully charged*).

Clicker software is to be configured at three different levels:

- a) Server (refer Install.txt for installing Clicker software)
- b) Wi-Fi router and (refer Wi-Fi Configuration Manual)
- c) Aakash tablet (refer ClickerV4 Student Manual)

3. Getting Started

Login

After the successful installation of Clicker Software on the system. Click on the browser and type:

<http://localhost:8080/clickerv4>

Then, the clicker Instructor login page will appear. Here, enter the Username as admin and Password as admin then, click on the login button.



In a classroom sessions, an interaction between instructor and students is crucial factor of better learning environment. Clicker V3.0 is one of the web based student response system developed, to make a kind of interaction between students and teacher. As Clicker V3.0 is web based application, it can be accessed at any place, any time. Web based student response system can be used for collecting attendance of students in classroom, conducting quizzes which can include questions of various types (like, general, multiple options, numeric, yes/no, true/false, etc.), generating reports based on the performance of students, etc.

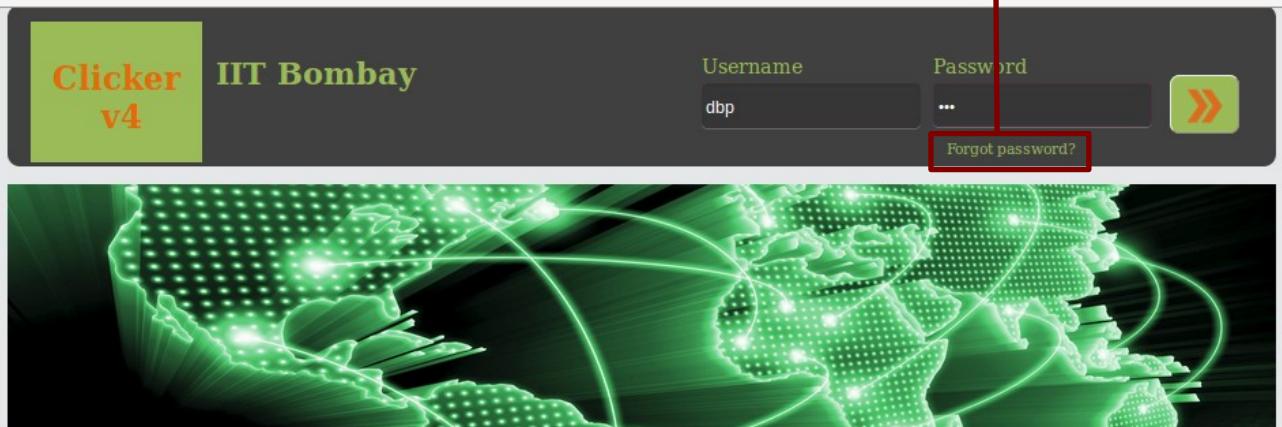
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Designed and Developed by Clicker Software Team, IIT Bombay

Forgot Password Page

This page is useful when a user forgets his/her password. By, clicking the “**Forgot password**” feature and entering the necessary credentials a user can log in again.

If instructor forgets the login password, he/she can click the “Forgot Password” link as shown below



In a classroom sessions, an interaction between instructor and students is crucial factor of better learning environment. Clicker V.3.0 is one of the web based student response system developed, to make a kind of interaction between students and teacher. As Clicker V.3.0 is web based application, it can be accessed at any place, any time. Web based student response system can be used for collecting attendance of students in classroom, conducting quizzes which can include questions of various types (like, general, multiple options, numeric, yes/no, true/false, etc.), generating reports based on the performance of students, etc.

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This is how the Forgot Password page looks like.

Instructor has to fill the form below to create new password.

Clicker
v4

IIT Bombay

Change Password

Username :

Email ID :

New Password :

Confirm Password :

Submit

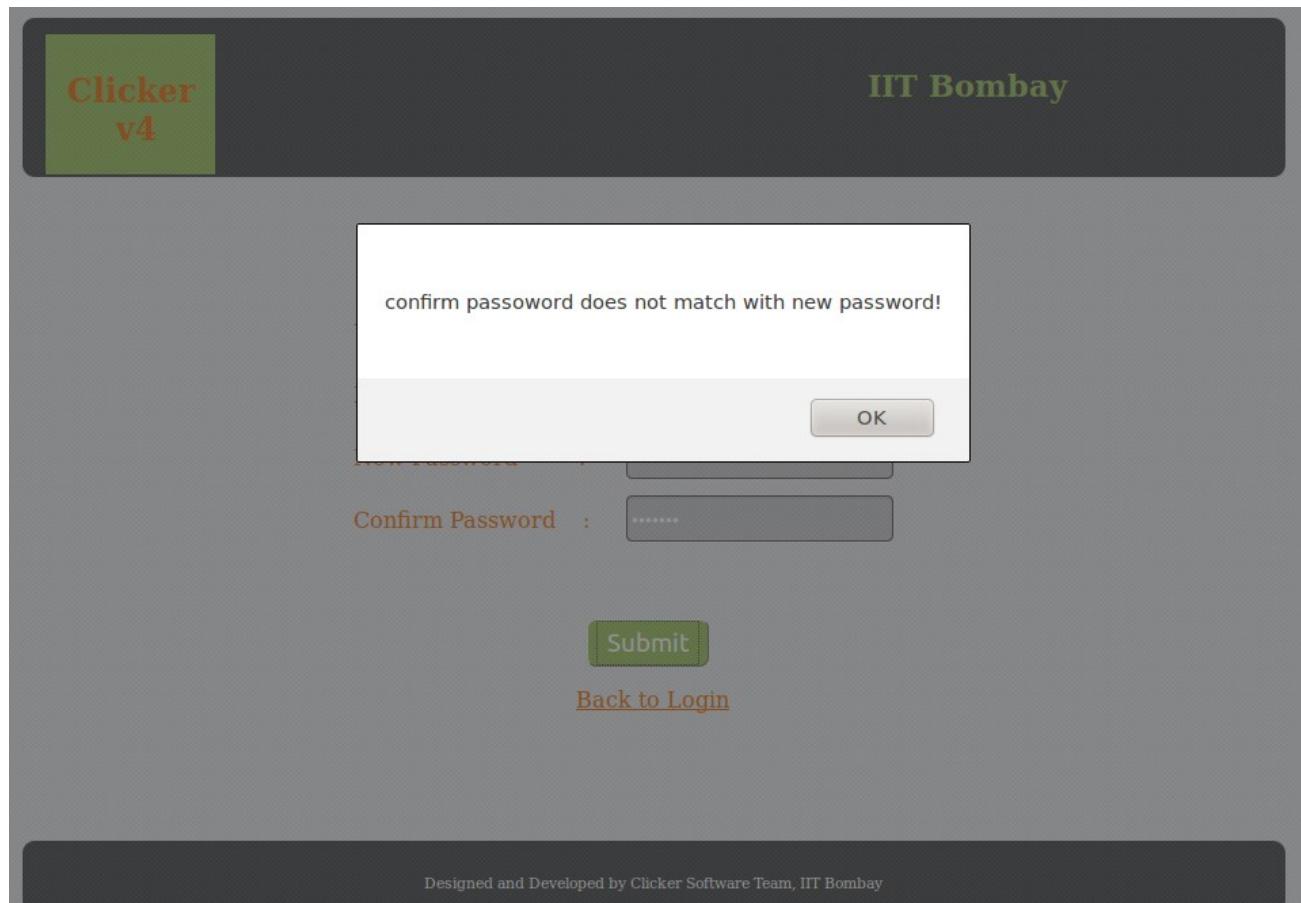
Press Submit button when done.

Back to Login

Designed and Developed by Clicker Software Team, IIT Bombay

If instructor wishes to go back to login page for another try click this url.

This screen appears when the “**New Password**” and “**Confirm Password**” fields does not match.



Re-enter New Password and Confirm Password. After clicking **Submit** button, user is redirected to change password page.

The screenshot shows the 'Change Password' page of the Clicker v4 application. At the top left is the Clicker v4 logo, and at the top right is the IIT Bombay logo. The main title 'Change Password' is centered above a form. The form contains four fields: 'Username' with value 'rajesh', 'Email ID' with value 'rajesh@gmail.com', 'New Password' with value 'password', and 'Confirm Password' with value 'confirm password'. A red box highlights the 'New Password' and 'Confirm Password' fields. Below the form is a 'Submit' button and a 'Back to Login' link. At the bottom of the page is a footer bar with the text 'Designed and Developed by Clicker Software Team, IIT Bombay'.

**Clicker
v4**

IIT Bombay

Change Password

Username : rajesh

Email ID : rajesh@gmail.com

New Password : password

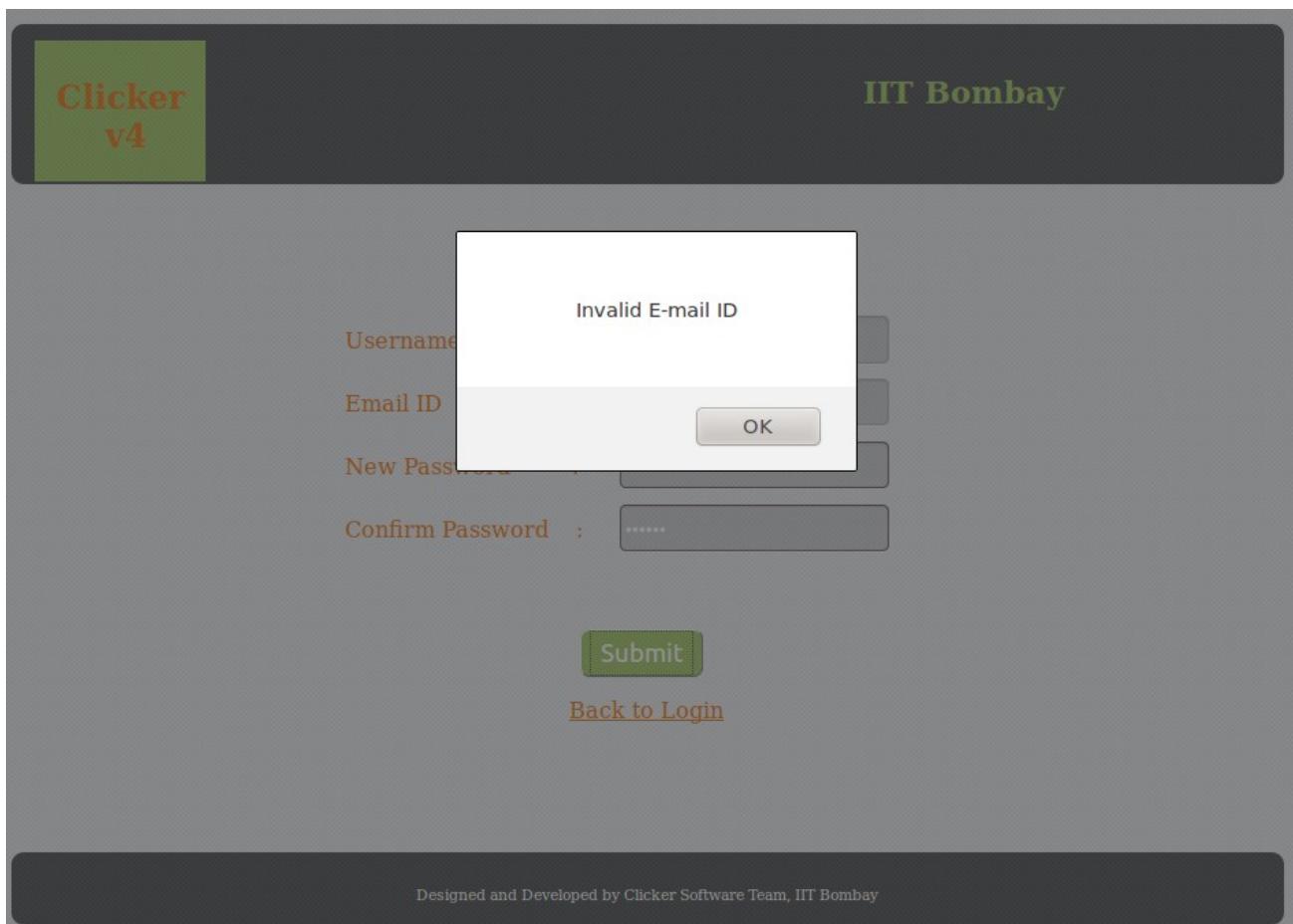
Confirm Password : confirm password

Submit

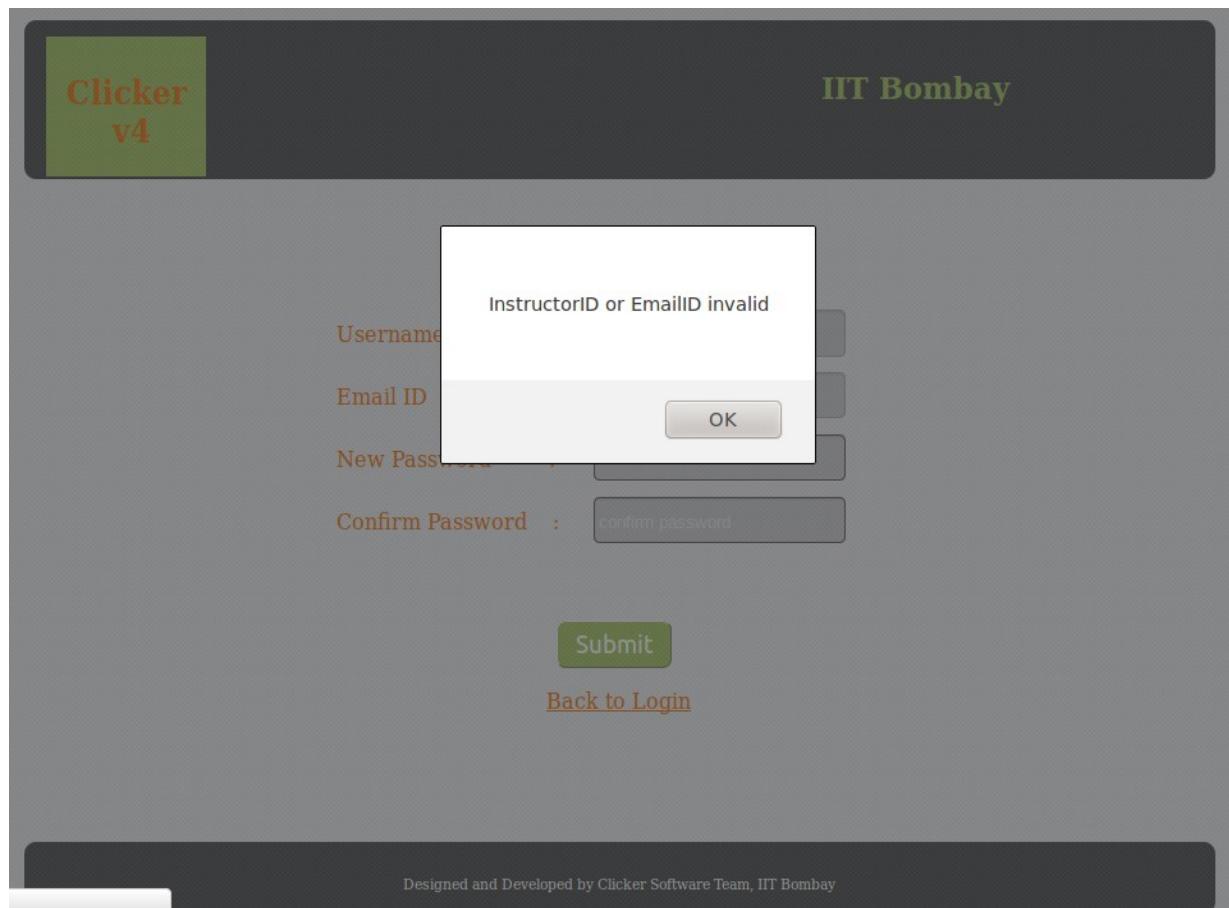
[Back to Login](#)

Designed and Developed by Clicker Software Team, IIT Bombay

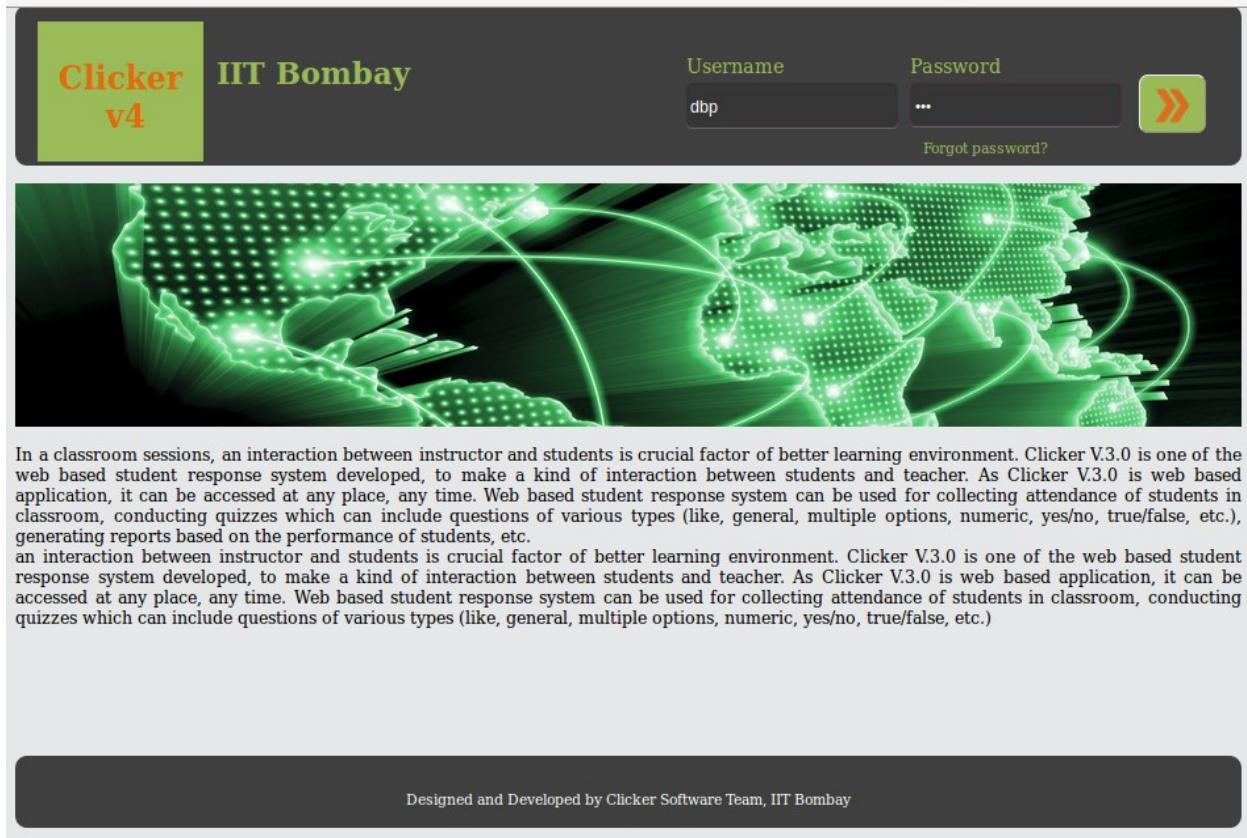
This screen appears when the user enter invalid/wrong Email-ID.



The below screen appears when the user enters all the fields but the Username and/or Email Id is not matching in the database.



After successfully changing the new password instructor will be automatically re-directed to Login Page .



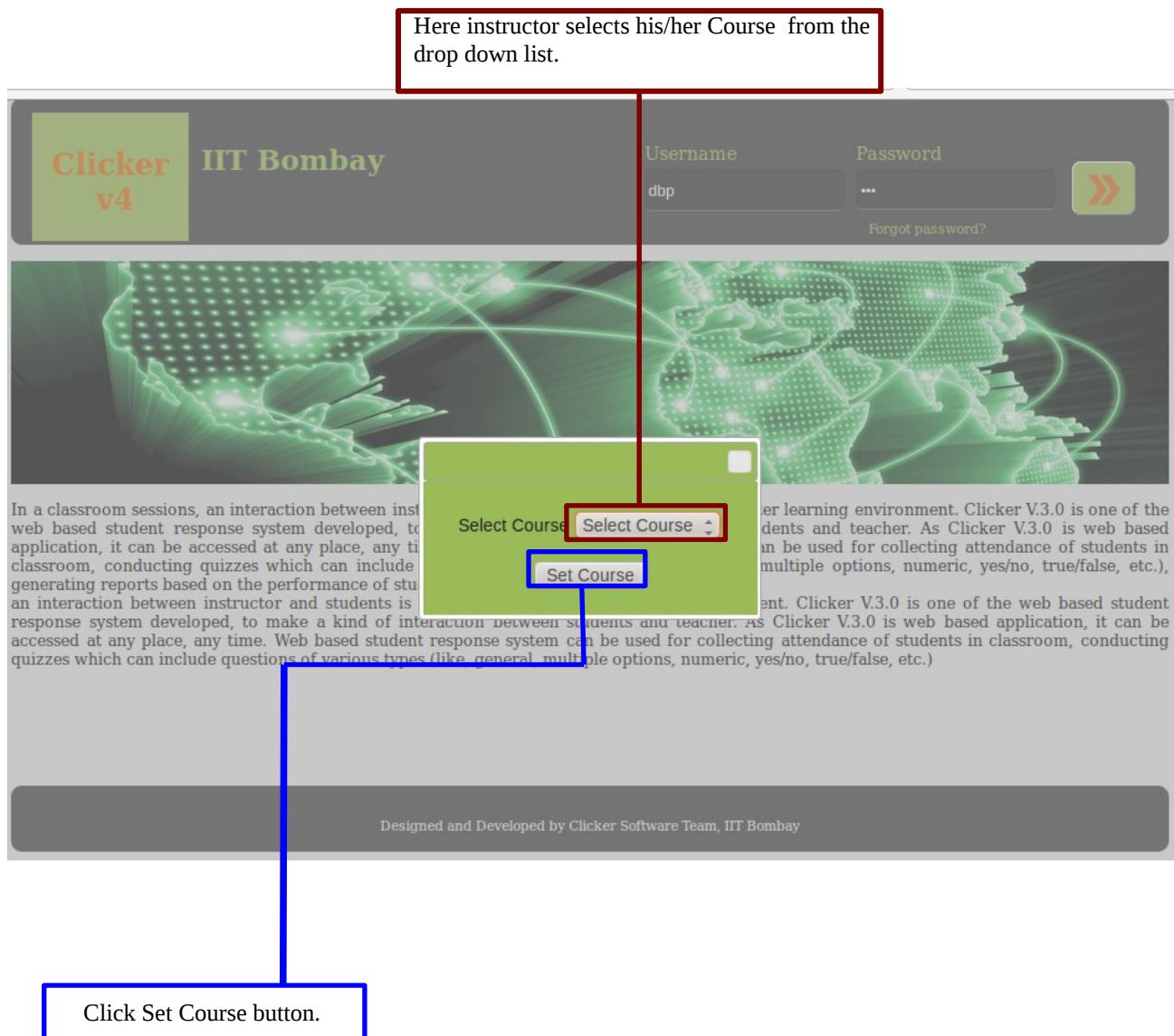
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Course selection

After logging in instructor has to select the course by clicking on “**Select Course**”. After selecting the course, click on “**Set Course**”.



Home Page

This is the Home page of Clicker.

Instructor Details i.e Department ID and Course ID

Menu bar

Logout button

Inactive button

INACTIVE

LOGOUT

MHRD

Instructor ID : dbp
Department ID : DEPT001
Course ID : CSE101

CLICKER
Student Response System

Quiz Poll Raise hand Report Admin

Welcome

Pending raise hand

Attendance

0 OF 10

Quizzes

No Quiz Available

Performance

Student Performance

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Now Course is active

ACTIVE

MHRD

Instructor ID : dbp
Department ID : DEPT001
Course ID : CSE101

CLICKER
Student Response System

Quiz Poll Raise hand Report Admin

IIT BOMBAY

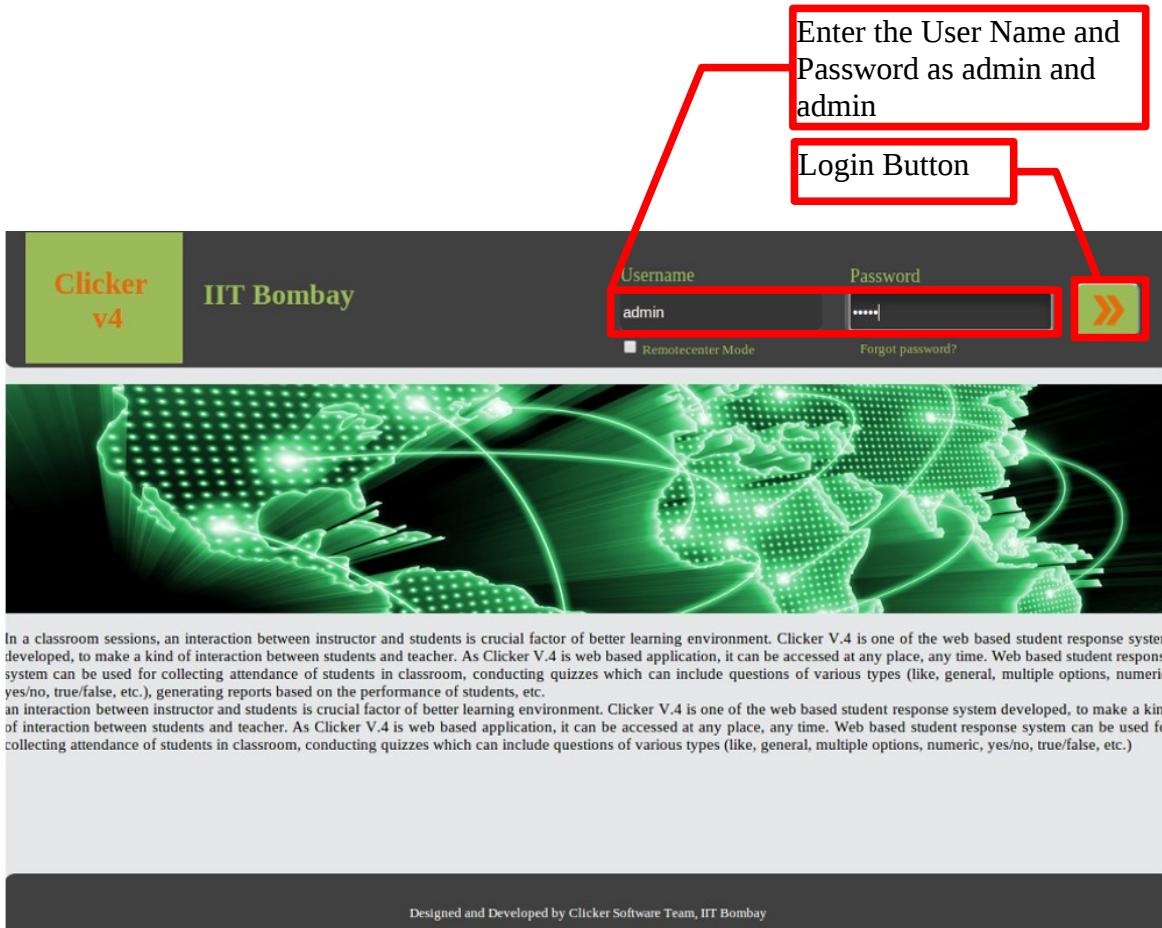
ADMIN

Overview of Admin

This feature provides an instructor to create a new department, course, etc.

For Admin user

Step 1: Login as admin with Username: admin and Password: admin



Step 1. Department and Course

Step 2. Instructor

Step 3. Changing the password



Step 1. Department and Course

1. Press to add the department

2. Press to Delete the Department

Press to Edit the Details

Enter the Department ID for Search

Press to search the Department

Enter the Department Details i.e Department ID ,Department Name and HOD

Instructor ID : admin
Department ID : temp001
Course ID : temp

CLICKER
Student Response System

Department

Department ID	Department Name	HOD
DEPT001	CS	DBP
temp001	temporary Dept	Clicker Team

Course

Course ID	Course Name
-----------	-------------

Add New Department

Department ID	DEPT001
Department Name	CS
HOD	DBP

Add Close

Press to add the department

Press to close the window

Step 1:Select the Department

Step 2.Add Course

Delete course

Edit Course

Department ID	Department Name	HOD
DEPT001	CS	DBP
temp001	temporary Dept	Clicker Team

Course ID	Course Name
CSE101	C

List of course will display for the selected department

Enter the Course Details
i.e Course Id,Course Name,Description

Add New Course

Course ID	CSE101
Course Name	C
Description	Basic Programming in c
Department ID	CS

Add Close

Press to add

Step 2: Instructor

1.Add

2.Delete

3.Edit

Enter the instructor id

Press to search the instructor

Instructor ID	Student Name	Department
dbp	d b phatak	CS
admin	admin	temporary Dept

Fill the instructor details i.e id, name, department id, course etc

Press to add the instructor

Select the privilege
i.e instructor ,Principal,hod and Admin

After creating the instructor, Admin work is finished. The work related to quiz conduction like adding students will be done by the instructor only.

Instructor :

for instructor login the username and password is instructor id ,the instructor id is given by the admin while creating the instructor.once instructor logged in he need to add the student for the course and and instructor can change the password

For changing the password and for adding the student you use admin menu

The screenshot shows the Clicker Student Response System interface. At the top, there is a header with the Indian Emblem, MHRD logo, Instructor ID (dbp), Department ID (DEPT001), Course ID (CSE101), and a status indicator (INACTIVE). On the right side, there is a LOGOUT button and the IIT BOMBAY logo. Below the header, there are four main navigation buttons: Quiz, Poll, Raise hand, and Report. A red box highlights the "Admin" button in the top right corner of the header area. A mouse cursor is hovering over the "Admin" button. A dropdown menu is open from the "Admin" button, containing four options: Student, Change Password, and About Clicker. The "Admin" option is highlighted with a green background. Below the header, there are several cards: "Pending raise hand" (empty), "Attendance" (0 OF 0), "Quizzes" (No Quiz Available), and "Performance" (Student Performance). At the bottom, a footer bar states "Designed & Developed by Clicker Software Team, IIT Bombay".

Student Page

In this page you can add the student and assign the course for the student which is already added.

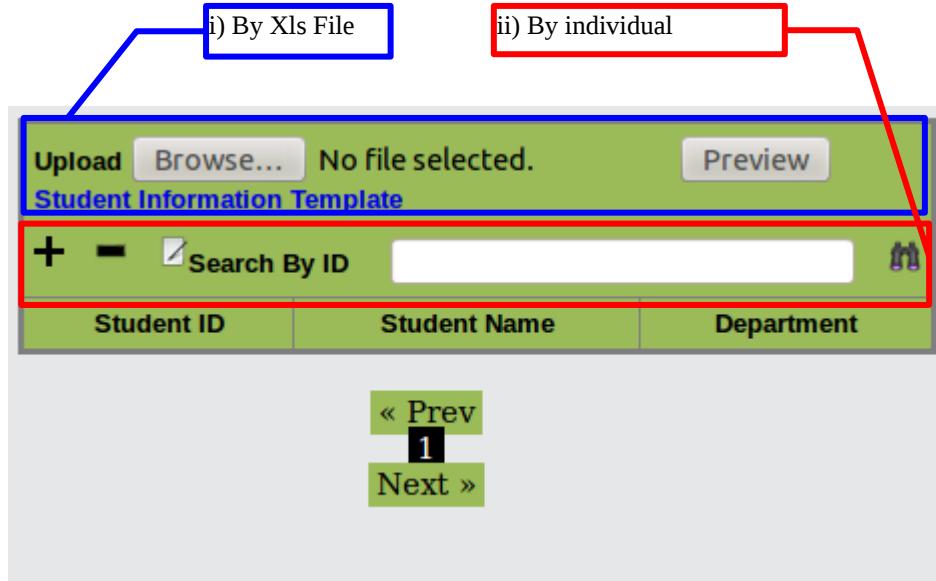
The screenshot shows the Clicker Student Response System interface. At the top, there is a header bar with the MHRD logo, Instructor ID: dbp, Department ID: DEPT001, Course ID: CSE101, and the Clicker logo. On the right side of the header are links for LOGOUT, INACTIVE, and IIT BOMBAY. Below the header, there are five navigation buttons: Quiz, Poll, Raise hand, Report, and Admin. The main content area is divided into two sections:

- 1. Adding the Student:** This section is highlighted with a blue box. It contains a form for uploading a student information template. The form includes fields for 'Upload' (with 'Browse...' button), 'No file selected.', and 'Preview'. Below this is a 'Student Information Template' section with a search bar labeled 'Search By ID' and a table with columns for 'Student ID', 'Student Name', and 'Department'. Navigation arrows ('« Prev', '1', 'Next »') are at the bottom of this section.
- 2. Assigning course for the student:** This section is highlighted with a red box. It contains a form for assigning courses. It includes a radio button for 'Individual' assignment, a text input field, and a 'Submit' button. There is also a radio button for 'Group (by XLS)', a 'Browse...' button, and a message indicating 'No file selected.'. Below this is a 'Student Course Template' section with a 'Preview' button.

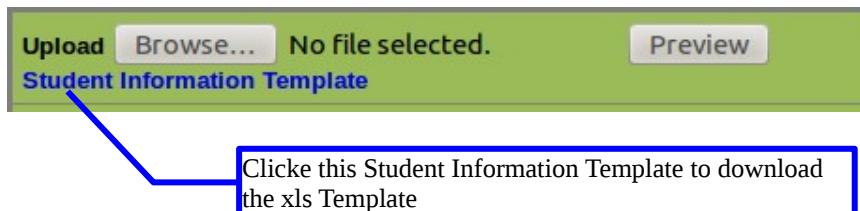
Adding the Student:

you can add the student in two ways :

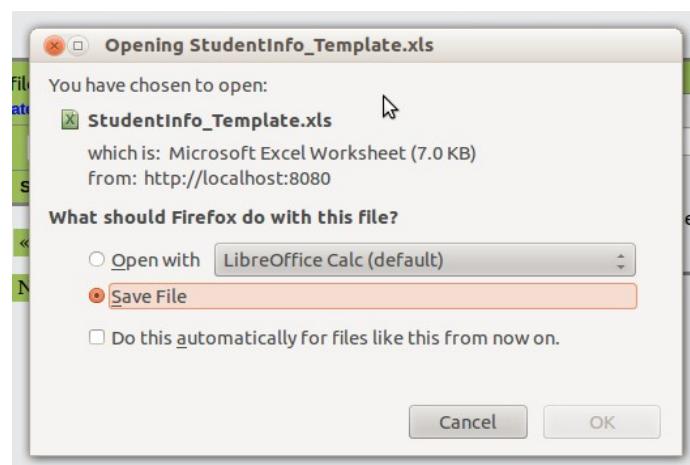
- i) By Xls file
- ii) By individual



i) By Xls file



download the xls file template and save it in local drive

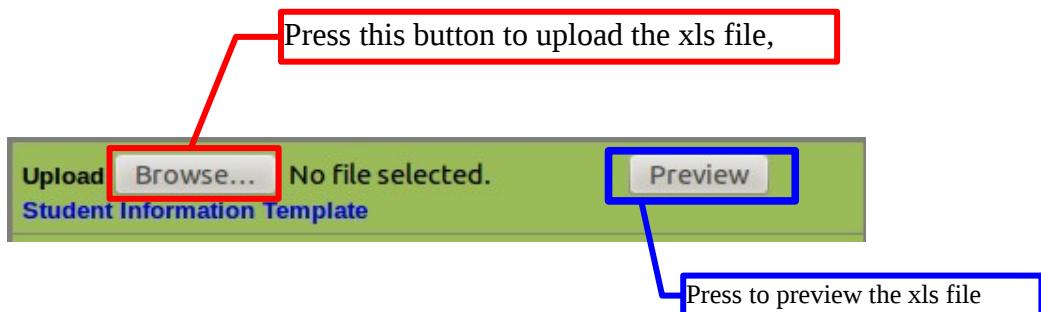


you need to fill the details in the xls file.

You need to enter student Id,roll no,name,etc.in this
the Mac field is optional one you no need to enter the
field leave blank

A	B	C	D	E	F	G	H	I	J	K
Student ID	Student Roll Number	Student Name	Year of Joining	Student Privileges(1: TA, 0: Normal Student)	Department ID	Email	Mac	Course Year	Semester	Course ID
101	101 student101	2014		0 DEPT001	student101@cse.iitb.ac.in		2014	2	cse101	
102	102 student102	2014		0 DEPT001	student102@cse.iitb.ac.in		2014	2	cse101	
103	103 student103	2014		0 DEPT001	student101@cse.iitb.ac.in		2014	2	cse101	
104	104 student104	2014		0 DEPT001	student102@cse.iitb.ac.in		2014	2	cse101	
105	105 student105	2014		0 DEPT001	student101@cse.iitb.ac.in		2014	2	cse101	
106	106 student106	2014		0 DEPT001	student102@cse.iitb.ac.in		2014	2	cse101	
107	107 student107	2014		0 DEPT001	student101@cse.iitb.ac.in		2014	2	cse101	
108	108 student108	2014		0 DEPT001	student102@cse.iitb.ac.in		2014	2	cse101	
109	109 student109	2014		0 DEPT001	student101@cse.iitb.ac.in		2014	2	cse101	
110	110 student110	2014		0 DEPT001	student102@cse.iitb.ac.in		2014	2	cse101	

After filling this xls file, save the file and upload the file in the server. Click on the browse button, select the xls file and upload it. You can also view the preview of your selected file by pressing the preview button.



The preview page will look like this. Here you can also add the student.

Student Information added in the xls file, if there is any error in the xls file, it will get displayed.

Student ID	Student Roll Number	Student Name	Year of Joining	Privileges	Department ID	Email	Mac	Course Year	Semester	Course ID
101	101	student101	2014	0	DEPT001	student101@cse.iitb.ac.in	2014	2	CSE101	
102	102	student102	2014	0	DEPT001	Student102@cse.iitb.ac.in	2014	2	CSE101	
103	103	student103	2014	0	DEPT001	student101@cse.iitb.ac.in	2014	2	CSE101	
104	104	student104	2014	0	DEPT001	Student102@cse.iitb.ac.in	2014	2	CSE101	
105	105	student105	2014	0	DEPT001	student101@cse.iitb.ac.in	2014	2	CSE101	
106	106	student106	2014	0	DEPT001	Student102@cse.iitb.ac.in	2014	2	CSE101	
107	107	student107	2014	0	DEPT001	student101@cse.iitb.ac.in	2014	2	CSE101	
108	108	student108	2014	0	DEPT001	Student102@cse.iitb.ac.in	2014	2	CSE101	
109	109	student109	2014	0	DEPT001	student101@cse.iitb.ac.in	2014	2	CSE101	
110	110	student110	2014	0	DEPT001	Student102@cse.iitb.ac.in	2014	2	CSE101	

Add Student Information Cancel

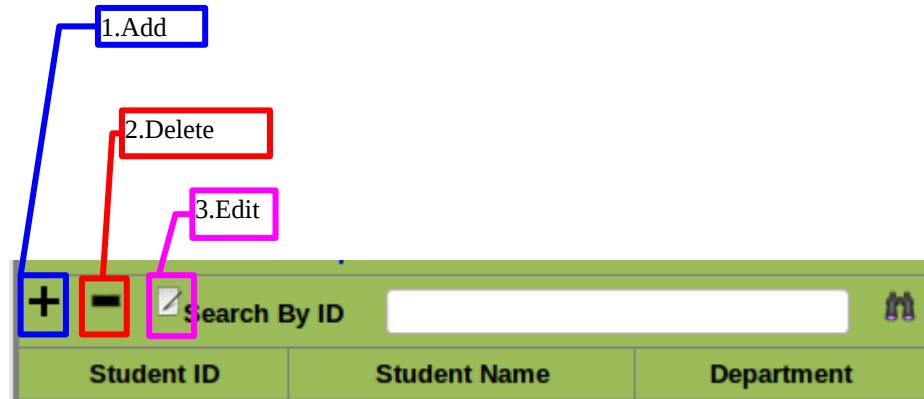
After the preview of xls file click this button to add the student in the database

Student Added in the table

Student ID	Student Name	Department
101	student101	CSE
102	student102	CSE
103	student103	CSE
104	student104	CSE
105	student105	CSE
106	student106	CSE
107	student107	CSE
108	student108	CSE
109	student109	CSE
110	student110	CSE

« Prev
1
Next »

ii) By Individual



1.Add

The screenshot shows the "Add New Student" dialog box. The form contains the following fields:

Student ID	101
Student Name	student101
Roll No	101
Year Of Joining	2014
T A	No
Email ID	student@iitb.ac.in
Mobile No	9876543210
Department ID	CS
Course	CSE101
Mac Address	

At the bottom of the dialog box are two buttons: "Add" and "Close". The "Add" button is highlighted with a blue border. A callout box above the form contains the text: "Fill all the student details. Mac Address field is optional.". A callout box below the "Add" button contains the text: "After entering all the details Press the Add button to add the details in the database".

2. Delete

Step 1. Select the student to delete

Step 2. Press this icon for deleting the student

Student Information Template		
	Student Name	Department
101	student101	CSE
102	student102	CSE
103	student103	CSE
104	student104	CSE
105	student105	CSE
106	student106	CSE
107	student107	CSE
108	student108	CSE
109	student109	CSE
110	student110	CSE

« Prev
1
Next »

3.Edit

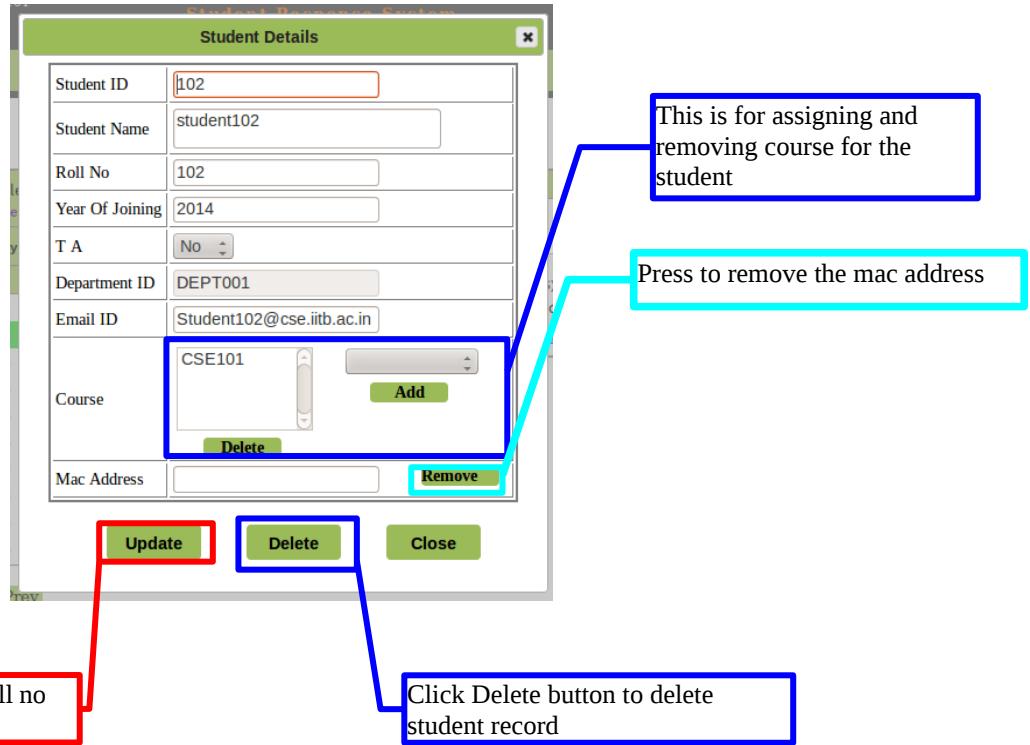
Step 2: After selecting the student press this icon
edit window will open

Step 1: Select the student or
Double click the student

Student Information Template		
	Student Name	Department
101	student101	CSE
102	student102	CSE
103	student103	CSE
104	student104	CSE
105	student105	CSE
106	student106	CSE
107	student107	CSE
108	student108	CSE
109	student109	CSE
110	student110	CSE

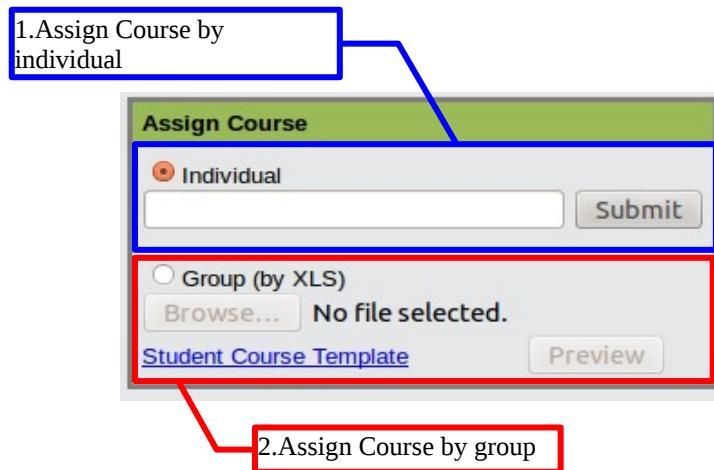
« Prev
1
Next »

Once you double click the student the student detail page will be opened. Here, you can assign the course,remove the course and you can also remove the mac address.

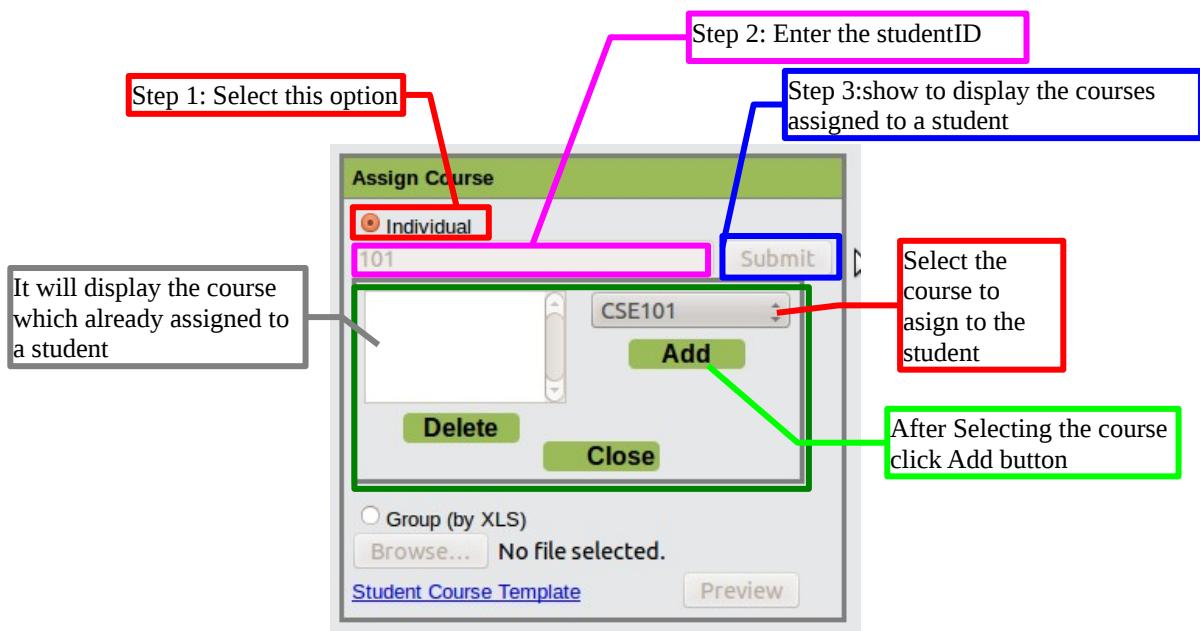


Assign Course:

Course can be assigned in two different ways: 1) by individual 2) by group



1: By Individual



2:By Group

Assign Course

Individual

Group (by XLS)
Browse... No file selected.

[Student Course Template](#) [Preview](#)

Click to download the xls template

Fill the details and save the file

A	B	C	D
Student ID	Course Year	Semester	Course ID

Step 1:Select the option button

Step 2:click Browse button to upload

Step 3:Click here to preview

Assign Course

Individual

Group (by XLS)
Browse... No file selected.

[Student Course Template](#) [Preview](#)

Fields in xls file

Student Course

Student ID	Course Year	Semester	Course ID
101	2014	1	CSE101
102	2014	1	CSE101
103	2014	1	CSE101
104	2014	1	CSE101
105	2014	1	CSE101
106	2014	1	CSE101
107	2014	1	CSE101
108	2014	1	CSE101
109	2014	1	CSE101
110	2014	1	CSE101

Add Student Information Cancel

Press to add the course in the database

DASHBOARD

Overview of Clicker Dash Board

Dashboard displays all the necessary features such as Pending Raise Hand, Attendance, Quiz etc. all at one place. So that instructor can have an **overall idea** about the performance of students within a class

You can see the pending doubts along with the Student ID of those students who used RaiseHand feature on Aakash tablet.

In this you can see the summary of the Attendance (i.e No. of students Present out of total number of students)

MHRD Instructor ID : dbp
Department ID : CSE
Course ID : CSE101

CLICKER Student Response System

INACTIVE LOGOUT IIT BOMBAY

Quiz Poll Raise hand Report Admin

Welcome

Pending raise hand

3
1

Attendance

0	OF	5
---	----	---

Quizzes

DemoQuiz
testt
test quiz
binQuiz

Performance

Student Performance

Designed & Developed by Clicker Software Team, IIT Bombay

This Line Graph shows the student's performance in all the quizzes of the selected course.

In this Instructor can view the quiz and directly conduct the quiz.

Pending Raise Hand

By using this feature the instructor can view the list of Student Id's who asked doubts pertaining to a topic and can resolve them.

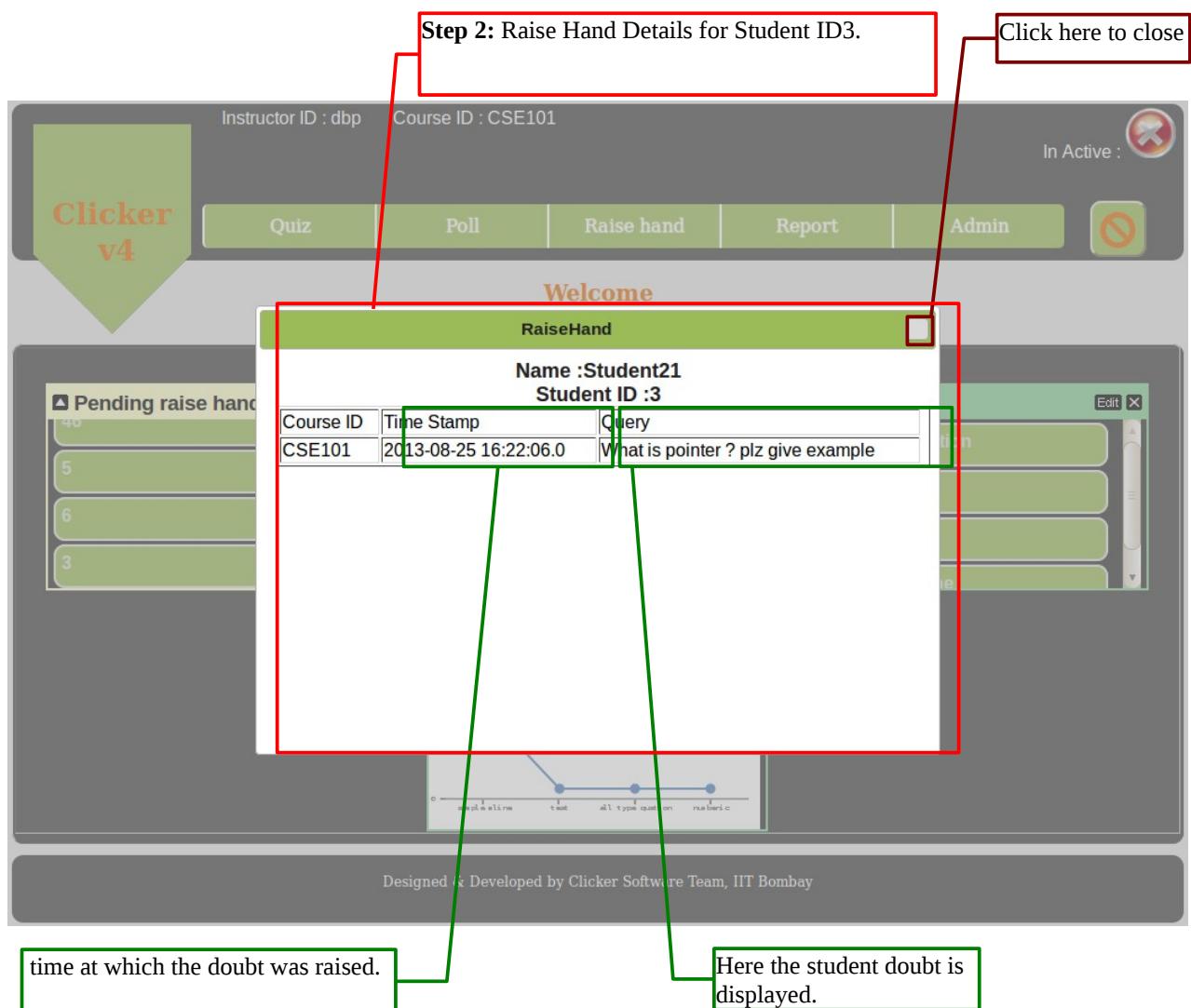
Steps for Resolving doubts are as follows:

Step 1: Click on the student ID.

Step 1: Click on Student ID3 to view the doubt raised by Student ID3.

The screenshot shows the Clicker v4 software interface. At the top, there is a header bar with the text "Instructor ID : dbp Course ID : CSE101" and "In Active :". Below the header is a navigation menu with tabs: Quiz, Poll, Raise hand, Report, Admin, and a redacted icon. The main content area has a title "Welcome". There are four cards: 1) "Pending raise hand" showing student IDs 40, 5, 6, and 3. The ID "3" is highlighted with a red box and a cursor arrow pointing to it. 2) "Attendance" showing 19 OF 100. 3) "Quizzes" listing "all type question", "test", "numeric", and "sample mline". 4) "Performance" showing a line graph of student performance across categories: sample slides, test, all type question, and numeric. The graph shows a general decline from the first category to the last. At the bottom, a footer bar states "Designed & Developed by Clicker Software Team, IIT Bombay".

Step 2: A window will pop up in which instructor can view the student's doubt(s) along with the time at which the doubt was raised.



Attendance

This feature displays the attendance for the course, it will show the number of student's present along with total number of student for a particular course.

Steps to View Attendance:

Step 1: In order to see the attendance summary, double click on the **Attendance tab**.

The screenshot shows the Clicker Student Response System interface. At the top, there is a header bar with the MHRD logo, instructor details (Instructor ID: dbp, Department ID: CSE, Course ID: CSE101), and navigation links for Quiz, Poll, Raise hand, Report, Admin, and Logout. The main content area has a 'Welcome' message. Below it are four cards: 'Pending raise hand' (with values 3 and 1), 'Attendance' (with values 0, OF, and 5), 'Quizzes' (listing DemoQuiz, testt, test quiz, and hinQuiz), and 'Performance' (a line graph showing student performance over time). A red box highlights the 'Attendance' card, which is further divided into three colored boxes: light green (0), white (OF), and dark grey (5). A red bracket above the 'Attendance' card groups it with a pink bracket that encloses the 'Attendance' text and the '0', 'OF', and '5' values. A pink bracket also encloses the 'Total Number of students' text and the '5' value.

Step 2: After selecting the attendance summary the attendance details will be displayed. The list of present as well as the absent students will be displayed.

The attendance summary displays both, the list of student present and absent.

Number of students present

Present : 19

Student ID	Student Name
19	Student181
22	Student211
17	Student161
23	Student221
18	Student171
24	Student231
15	Student141
25	Student241
16	Student151
26	Student251
13	Student121
27	Student261
12	Student111
21	Student201
2	Student11
20	Student191

Absent : 81

Student ID	Student Name
10	Student91
100	Student991
11	Student101
14	Student131
28	Student271
29	Student281
3	Student21
30	Student291
31	Student301
32	Student311
33	Student321
34	Student331
35	Student341
36	Student351
37	Student361
38	Student371

Number of student absent

Close Button

Present Student List

Absent Student List

Quiz

This is used to see the quiz conduction details, ie when the quiz has been conducted and how many times it is conducted. It will display the list of quiz that the instructor has created, instructor can select the quiz and see the details.

Following are the steps to view this feature:

Step 1: Select the quiz by clicking on the quiz, as shown in this diagram below .

The screenshot shows the Clicker Student Response System interface. At the top, there is a header bar with the MHRD logo, instructor details (Instructor ID: dbp, Department ID: CSE, Course ID: CSE101), and a status indicator (INACTIVE). Below the header are navigation tabs: Quiz, Poll, Raise hand, Report, Admin, and IIT BOMBAY. A red box highlights the 'Quizzes' tab, which contains a list of quizzes: DemoQuiz, testt, test quiz, and hinQuiz. A red line points from a callout box at the bottom left to the 'hinQuiz' item in the list. The callout box contains the text: "By selecting this quiz it directly goes to the conduct quiz page".

Performance

In this the instructor can see the student performance for all the quiz in the line graph, x-axis display the quiz name and y- axis displays the percentage,by double clicking on the graph, it will enlarge the graph window.

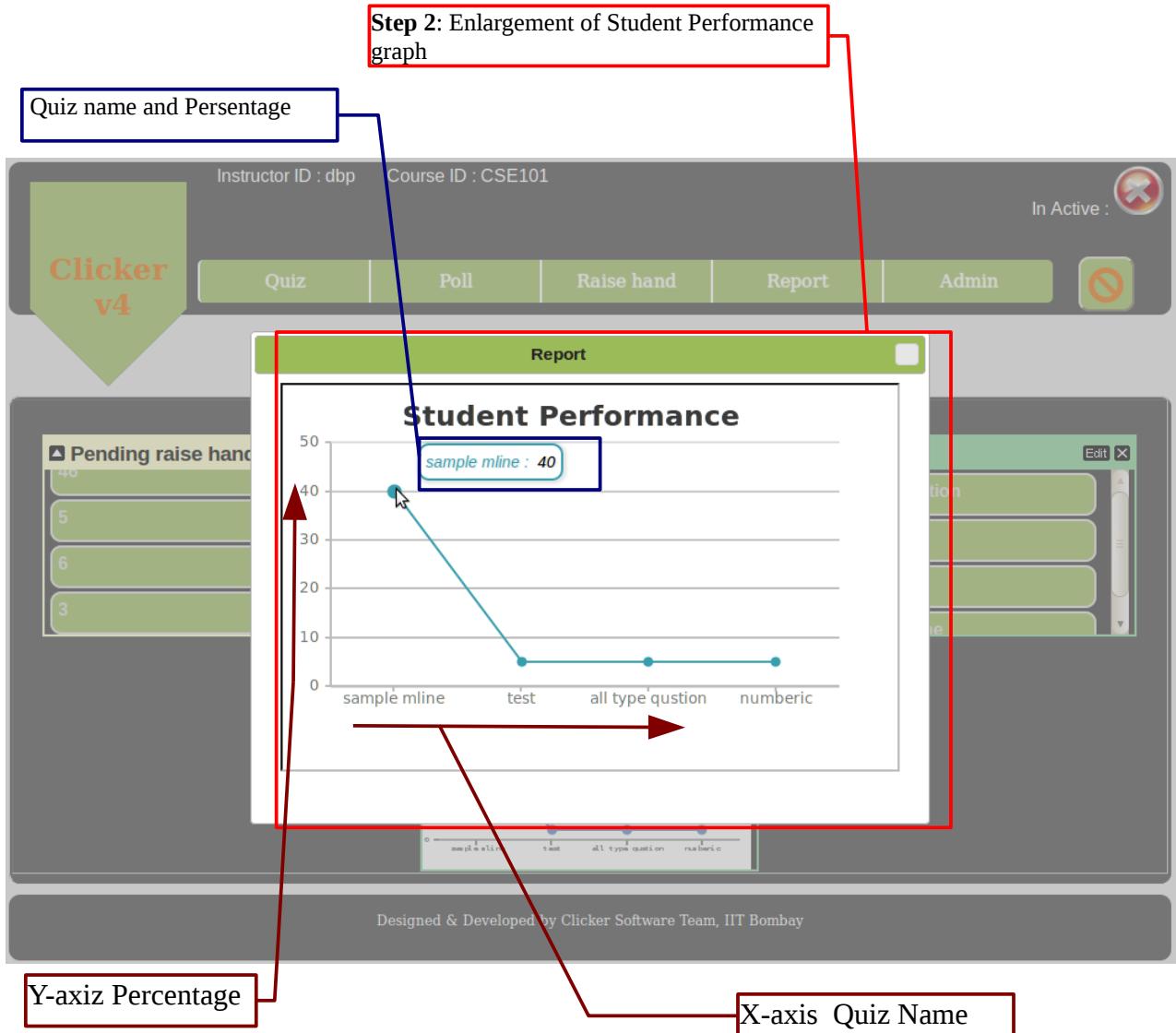
The screenshot shows the Clicker Student Response System interface. At the top, there is a header bar with the MHRD logo, Instructor ID: dbp, Department ID: CSE, Course ID: CSE101, and a status indicator showing 'INACTIVE'. There are also 'LOGOUT' and 'IIT BOMBAY' buttons. Below the header, a 'Welcome' message is displayed. The main area contains four cards:

- Pending raise hand:** Shows 3 pending responses.
- Attendance:** Shows 0 out of 5 students present.
- Quizzes:** Lists quizzes: DemoQuiz, testt, test quiz, and bioQuiz.
- Performance:** A line graph titled "Student Performance" showing student scores across four quizzes: DemoQuiz, testt, test quiz, and bioQuiz. The graph has three data points: a high score for DemoQuiz, a low score for testt, a medium score for test quiz, and a low score for bioQuiz.

At the bottom, a footer bar states "Designed & Developed by Clicker Software Team, IIT Bombay". A red box highlights the "Performance" card, and a red arrow points from the text below to this box.

Student Performance in line graph. To view the entire details double click on the line graph.

Following screen-shot displays the student performing after enlarging the line graph.



Question Bank

1. Adding the Questions in the Question bank

Step 1:

For Adding New Questions,
click on the
“Create Quiz” Menu

The screenshot shows the Clicker Student Response System interface. At the top, there is a header bar with the Clicker logo, 'Student Response System', and various navigation links like 'INACTIVE', 'LOGOUT', and 'IIT BOMBAY'. On the left, there is a sidebar with the MHRD logo and some user information: Instructor ID: admin, Department ID: temp001, and Course ID: temp. Below the header, there are four main sections: 'Pending raise hand', 'Attendance' (showing 0 OF 0), 'Quizzes' (No Quiz Available), and 'Performance' (Student Performance). A red box highlights the 'Create quiz' option in the 'Quiz' menu, which is currently open. The text above the red box provides instructions to click on the 'Create Quiz' menu.

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Check this box to view the questions created by other instructors in the same course.

Select to view the Type of Question

Instructor ID : admin
Department ID : temp001
Course ID : temp

CLICKER
Student Response System

INACTIVE LOGOUT

MHRD IIT BOMBAY

Quiz Poll Raise hand Report Admin IIT BOMBAY

Question Bank

Select the Question Type All Questions

Show All Questions by other Instructors in temp

Show Archived

Add Question Create Quiz Delete Quiz

Questions

- ▶ 5 + 6
- ▶ which is OOP language
- ▶ Which, of the following are prime numbers?
- ▶ 5 is a prime number

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Step 2: Click on Add button to Add Questions

Click on “Add Question” to Add Questions

Instructor ID : admin
Department ID : temp001
Course ID : temp

CLICKER
Student Response System

INACTIVE LOGOUT

MHRD IIT BOMBAY

Quiz Poll Raise hand Report Admin IIT BOMBAY

Question Bank

Select the Question Type All Questions

Show All Questions by other Instructors in temp

Show Archived

Add Question Create Quiz Delete Quiz

Questions

- ▶ 5 + 6
- ▶ which is OOP language
- ▶ Which, of the following are prime numbers?
- ▶ 5 is a prime number

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Select the Type of Question you want to add.

The screenshot shows the Clicker Student Response System interface. At the top, there's a header with the MHRD logo, Instructor ID: admin, Department ID: temp001, Course ID: temp, and session status (INACTIVE). Below the header is a navigation bar with Quiz, Poll, Raise hand, Report, Admin, and IIT BOMBAY logo. A sub-menu titled 'Add Questions' is open, showing 'Single Choice correct' selected under 'Select the Question Type'. There's also an 'Upload Questions: Question Template' section with a 'Browse...' button and a note 'No file selected.' A 'Preview' button is also present. The main content area is titled 'Single choice question' and contains a text input field 'Enter your question here...', four options labeled A, B, C, D each with a radio button and a red 'X' mark, a '+' button for adding more options, credit/marks input fields ('Credits: 0' and 'Negative Marks: 0'), a checkbox for 'No Shuffling', and a 'Submit' button. A large green box highlights the question input field. A large pink box highlights the options A, B, C, D. A blue box highlights the '+' button. A yellow box highlights the credit/marks input fields. A black box highlights the 'No Shuffling' checkbox. A magenta box highlights the 'Submit' button. A cyan box highlights the 'No Shuffling' checkbox. A light gray box highlights the footer 'Designed & Developed by Clicker Software Team, IIT Bombay'. Below the interface, several callout boxes provide instructions:

- Select the correct answer.
- Click to add more Options(Min 4,Max 6)
- Enter the Credits/Marks for the question.
- Enter the Negative Marks for the Question
- Check if you don't want to shuffle options
- Enter the Options for the Question
- Click to remove the Options.
- Enter the question in this area.

Example showing how question is displayed after it is added.

Instructor ID : admin
Department ID : temp001
Course ID : temp

CLICKER
Student Response System

Quiz Poll Raise hand Report Admin IIT BOMBAY

Question Bank

Select the Question Type All Questions ▾
 Show All Questions by other Instructors in temp
 Show Archived

Search Add Question Create Quiz Delete Quiz

Questions

- 5 + 6
 - which is OOP language
 - A. javascript
 - B. C
 - C. pascal
 - D. Java
- Which, of the following are prime numbers?
- 5 is a prime number

Credits: 6.0 Options Shuffling: Yes Question in Quizzes: 1

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Add Questions from the XLS file

Instructor ID : admin
Department ID : temp001
Course ID : temp

CLICKER
Student Response System

Quiz Poll Raise hand Report Admin IIT BOMBAY

Add Questions

Select the Question Type Single Choice correct ▾ Upload Questions Question Template Browse... No file selected. Preview

Single choice question

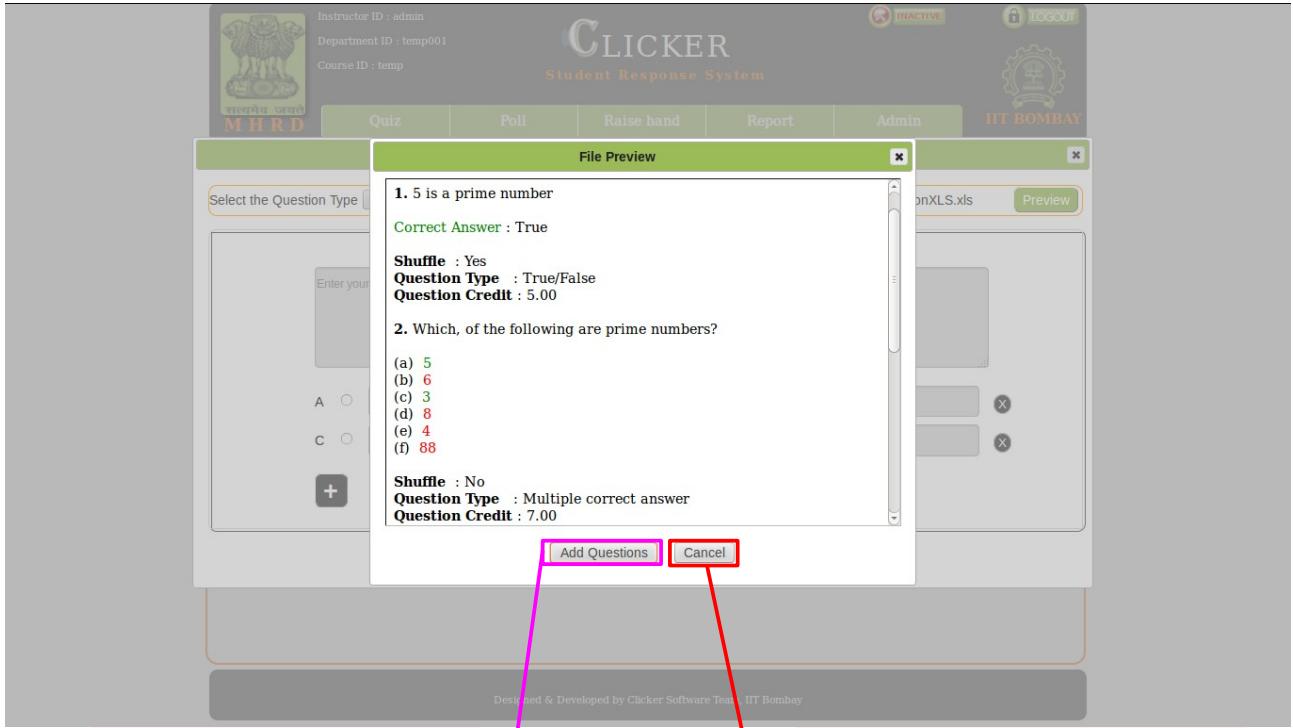
Enter your question here...

A [] B []
 C [] D []

[+] Credits: [] Negative Marks: 0 No Shuffling Submit

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This is the preview of the questions in the xls file.



Click on “Add Questions” button to add the questions from the XLS file to the Question Bank.

Click on “Cancel” to cancel the process of adding the questions in the Question Bank.

Question Template

Enter your question in this column.	Enter the Question Type for the question(g: Single Choice, m: Multiple Choice, n: Numerical Type, t: True/False Type)	Enter the Credits/Marks for the question	Enter 1 or 0(1: Shuffling, 0: No Shuffling) to enable or disable the shuffling of options.	Enter the Correct Answer in alphabets(a to f) corresponding to the Option Numbers.	Enter the Options for the question(Min 4, Max 6)
A2	A B C D E F G H I J K	QUESTION QUESTION TYPE(g-Single choice Credit Value)	Shuffle(1: Shuffle, 0: Enter Correct Answer in alphabet)	Option 1 Option 2 Option 3 Option 4 Option 5 Option 6	

Example of adding questions in the Question Bank from the XLS file.

NOTE: In the column E (“Enter Correct Answer”(In Red color) column) indicate the right answer among the options by typing only those alphabets(amongst a to f) corresponding to that Option Number.

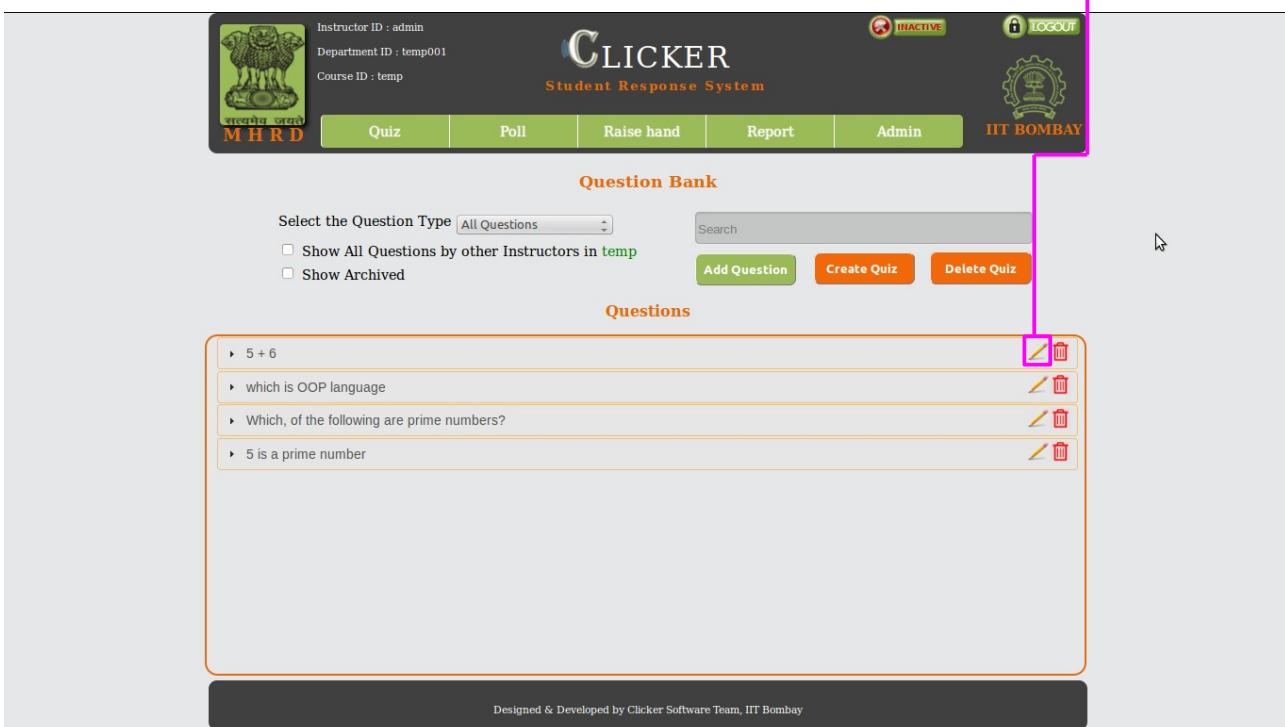
For example, Question 2(Green Color) is a multiple choice correct question. The right answers for this question are “5”(Option 1) and “3”(Option 3). Hence, in the “Enter Correct Answer” column the correct answers are indicated as “ac” (Green Color)(a: Option 1, c: Option 3). This is only applicable for Multiple choice correct answers and Single choice correct answer(Orange Color).

For Numeric Type and True/False Type questions directly enter the Numeric value or True/False value(Blue Color) as the answers in the “Enter Correct Answer” column. Also, for Numeric Type and True/False type questions do not enter any values in the “Options(1 to 6)” column.

	A	B	C	D	E	F	G	H	I	J	K
1	QUESTION	QUESTION TYPE(g-Single)	Credit Value	Shuffle(1:9)	Enter Correct Answer	Option 1	Option 2	Option 3	Option 4	Option 5	Option 6
2	5 is a prime number	t	5	1	TRUE						
3	Which of the following are prime numbers?	m	7	0ac		5	6	3	8	4	
4	which is OOP language	g	6	1d	javascript	C	pascal	Java			
5	5 + 6	n	1	0	11						

2. Editing the Question from Question Bank

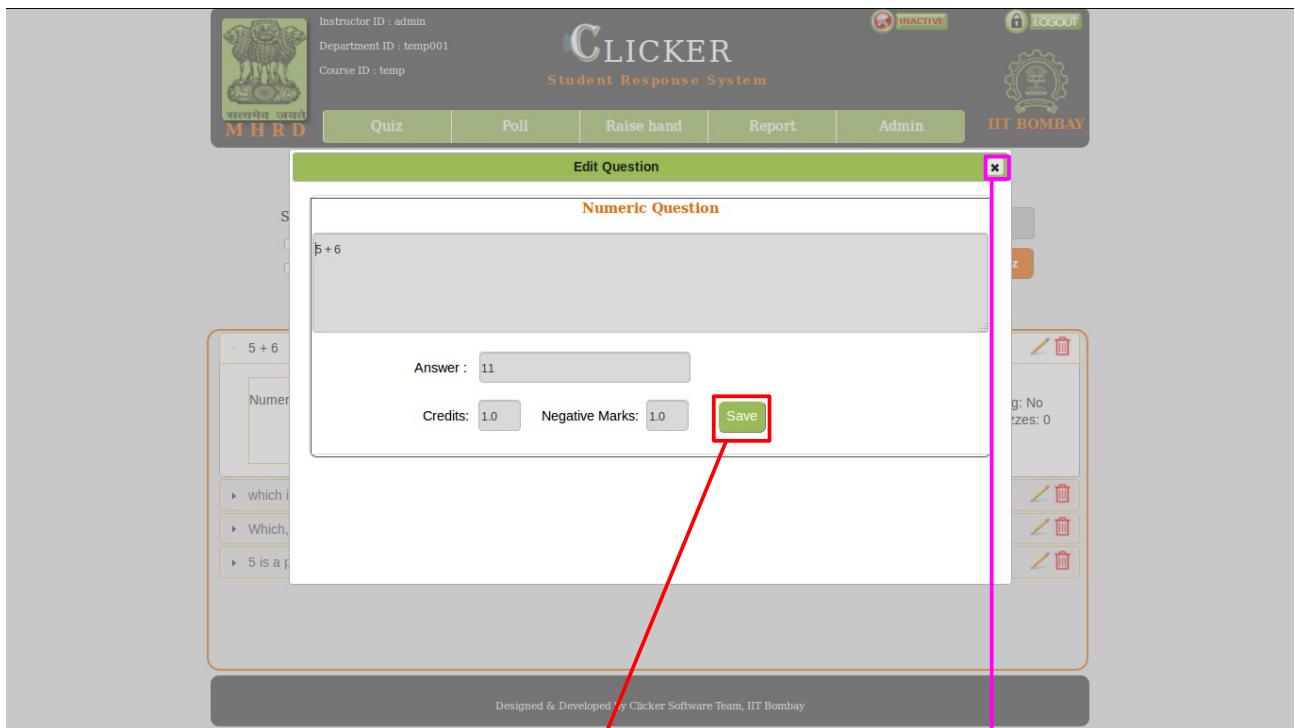
Click on the “Edit” button to edit the selected question.



The screenshot shows the Clicker Student Response System interface. At the top, there is a header with the Indian National Emblem, the text "Instructor ID : admin", "Department ID : temp001", and "Course ID : temp". To the right are buttons for "ACTIVE" (disabled), "LOGOUT", and the IIT Bombay logo. Below the header, there is a navigation bar with buttons for "Quiz", "Poll", "Raise hand", "Report", and "Admin". The main area is titled "Question Bank". It features a search bar and buttons for "Add Question", "Create Quiz", and "Delete Quiz". A dropdown menu "Select the Question Type" is set to "All Questions". There are checkboxes for "Show All Questions by other Instructors in temp" and "Show Archived". Below this, a list of questions is displayed in a table format. Each row contains a question text and two edit/delete icons. The first question in the list is highlighted with a pink box around its "Edit" icon.

Questions		
5 + 6		
which is OOP language		
Which, of the following are prime numbers?		
5 is a prime number		

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Click on “Save” button after you have finished editing the question.

Click on “x” button to cancel the editing of the question.

3. Deleting the question from the Question Bank

Click on “Delete” button to delete the desired question.



If you still want to delete the question, then you can click on “Ok” or, you can click on “Cancel” button to cancel the delete process.

Instructor ID : admin
Department ID : temp001
Course ID : temp

CLICKER
Student Response System

INACTIVE LOGOUT

Quiz Poll Raise hand Report Admin IIT BOMBAY

Question Bank

Select the Question Type

Show All Questions by other Instructors in temp
 Show Archived

Are you sure, you want to delete this question.

Questions

- ▶ 5 + 6
- ▶ which is OOP language
- ▶ Which, of the following are prime numbers?
- ▶ 5 is a prime number

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4. View Archived Questions

Check the “Show Archived” check box to view the deleted questions.

Instructor ID : admin
Department ID : temp001
Course ID : temp

CLICKER
Student Response System

INACTIVE LOGOUT

Quiz Poll Raise hand Report Admin IIT BOMBAY

Question Bank

Select the Question Type

Show All Questions by other Instructors in temp
 Show Archived

Questions

- ▶ which is OOP language

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5. Searching a question in Question Bank

Type the keywords in the search box to search for the questions in the Question Bank.

The screenshot shows the Clicker Student Response System interface. At the top, there is a header bar with the MHRD logo, user information (Instructor ID: admin, Department ID: temp001, Course ID: temp), and navigation links for ACTIVE, LOGOUT, Admin, and IIT BOMBAY. Below the header is a search bar containing the text "whi". To the left of the search bar is a dropdown menu labeled "Select the Question Type" set to "All Questions". Below the search bar are two checkboxes: "Show All Questions by other Instructors in temp" and "Show Archived". At the bottom of the search area are three buttons: "Add Question", "Create Quiz", and "Delete Quiz". The main content area is titled "Questions" and contains a single question: "Which, of the following are prime numbers?". At the bottom of the page is a footer bar with the text "Designed & Developed by Clicker Software Team, IIT Bombay".

Creating Quiz

This feature is used to create quizzes.

Click on “Create Quiz” button to Create Quiz

The screenshot shows the Clicker Student Response System interface. At the top, there is a header bar with the MHRD logo, instructor information (Instructor ID: admin, Department ID: temp001, Course ID: temp), and navigation links (Quiz, Poll, Raise hand, Report, Admin, IIT BOMBAY). Below the header is a banner for 'Question Bank'. It includes a dropdown menu for 'Select the Question Type' (set to 'All Questions'), a search bar, and three buttons: 'Add Question' (green), 'Create Quiz' (orange, highlighted with a red box), and 'Delete Quiz' (red). The main area is titled 'Questions' and contains a list of four questions, each with edit and delete icons. The questions are:

- ▶ 5 + 6
- ▶ which is OOP language
- ▶ Which, of the following are prime numbers?
- ▶ 5 is a prime number

At the bottom of the page, a footer bar states "Designed & Developed by Clicker Software Team, IIT Bombay".

The screenshot shows the Clicker Student Response System interface. At the top, there's a header with the MHRD logo, instructor information (Instructor ID: admin, Department ID: temp001, Course ID: temp), and navigation links (Quiz, Poll, Raise hand, Report, Admin, LOGOUT, IIT BOMBAY). Below the header is the 'Question Bank' section, which includes a dropdown for 'Select the Question Type' (set to 'All Questions'), a search bar, and buttons for 'Add Question', 'Cancel Quiz' (highlighted with a cyan box), and 'Delete Quiz'. The 'Questions' section lists several math and logic problems. To the right of the questions is a vertical toolbar with icons for edit, delete, and checkmark. At the bottom of the page, there's a form for creating a new quiz with fields for 'Quiz name' (containing 'Test') and 'Duration' (set to '0 : 10'). A large blue button labeled 'Add Quiz' is also present. The footer contains the text 'Designed & Developed by Clicker Software Team, IIT Bombay'.

Click on “Cancel Quiz” if you do not want to Create Quiz

Select the Questions to you want to add in the Quiz

Enter the name for the Quiz

Enter the Duration for the Quiz

Click on “Add Quiz” to Create the Quiz

Delete Quiz

This feature is used to Delete Quizzes.

Click on “Delete Quiz” to delete a Quiz

Instructor ID : admin
Department ID : temp001
Course ID : temp

CLICKER
Student Response System

INACTIVE LOGOUT

MHRD IIT BOMBAY

Quiz Poll Raise hand Report Admin

Question Bank

Select the Question Type All Questions ▾
 Show All Questions by other Instructors in temp
 Show Archived

Search Add Question Create Quiz Delete Quiz

Questions

▶ 5 + 6		
▶ which is OOP language		
▶ Which, of the following are prime numbers?		
▶ 5 is a prime number		

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This table shows the past records of selected quiz, like when and how many times it was conducted etc.

Select the Quiz you want to Delete

This table shows the past records of selected quiz, like when and how many times it was conducted etc.

Delete Quiz

Select Quiz Test ▾

Question 1 : 5 + 6
Question 2 : which is OOP language
Option A : javascript
Option B : C
Option C : pascal
Option D : Java

Quiz Conduction Record

Sr.No.	Quiz Conducted On
1	2014-05-21 11:47:58.0
2	2014-05-21 11:41:47.0
3	2014-05-21 11:37:52.0
4	2014-05-21 11:30:34.0

Delete quiz

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Click on Delete Button to Delete the Quiz

Conduction of Quiz

1. Before conducting the quiz, course must be in the active mode. By default course is inactive mode. Active the course by clicking the Inactive button which is at top right corner.

The screenshot shows the Clicker Student Response System interface. At the top, there is a header bar with the Indian National Emblem, MHRD logo, and course details: Instructor ID : dbp, Department ID : CSE, Course ID : CSE101. On the right side of the header are buttons for LOGOUT, INACTIVE (highlighted with a red box and mouse cursor), and IIT BOMBAY logo. Below the header is a green navigation bar with tabs: Quiz, Poll, Raise hand, Report, Admin, and Welcome (highlighted in orange). A callout box with a red border and white text says "Press this inactive button to make quiz active". The main content area contains four cards: "Pending raise hand" (3, 1), "Attendance" (0 OF 5), "Quizzes" (DemoQuiz, testt, test quiz, hisQuiz), and "Performance" (Student Performance chart showing a line graph with points at different time intervals). At the bottom of the page, a dark footer bar contains the text "Designed & Developed by Clicker Software Team, IIT Bombay".

We can conduct the quiz by selecting the quiz in dashboard page or by clicking on Quiz menu conduct quiz. If you click on quiz in dashboard page it will directly go to conduct quiz page. If you click on Quiz menu then it will redirect to quiz page, there you need to select the quiz.

The screenshot shows the Clicker Student Response System dashboard. At the top right, a red box highlights the 'ACTIVE' status indicator. Another red box highlights the 'Course is active' message. The dashboard includes the following sections:

- Instructor ID :** dbp
- Department ID :** CSE
- Course ID :** CSE101
- MHRD Logo:** सत्यमेव जयते
- Logout:** LOGOUT
- IIT BOMBAY Logo:**

Top Navigation: Quiz (highlighted), Poll, Raise hand, Report, Admin.

Welcome: Welcome message.

Pending raise hand: 3 pending raise hands (3 and 1).

Attendance: 0 OF 5 students.

Quizzes: DemoQuiz, testt, test quiz, bioQuiz.

Performance: Student Performance chart showing scores across four quizzes.

Footer: Designed & Developed by Clicker Software Team, IIT Bombay.

Quiz Page:

This color indicate this quiz has already been conducted

This color indicates the quiz has not yet conducted

Conducted

Not Conducted

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This progress bar indicates the performance of the quiz in percentage form

List of quiz the instructor has created

By clicking on quiz, the conduct quiz page will open as shown below:

Quiz ID : 1
Quiz Name : DemoQuiz

Quiz Show Option Responses : 0 / 5

00 : 00

1. The ozone layer restricts
2. Hitler party which came into power in 1933 is known as
3. To which of the following fields Nobel prize is awarded?
4. Headquarters of UNO are situated at

Select Time for Quiz

Minutes Seconds Negative Marking

2. Once quiz is launched , we will see screen like the one shown below:

The screenshot shows the Clicker Student Response System interface. At the top, there are three red callout boxes with arrows pointing to specific elements:

- A box on the left points to the MHRD logo and text: "This shows how many students have download the quiz and how many out of them have responded."
- A box in the center points to the "End Quiz" button with the text: "If End Quiz button is clicked, then quiz will end instantly."
- A box on the right points to the timer with the text: "This is timer for quiz".

The main interface includes:

- Top navigation bar with Instructor ID: dbp, Department ID: CSE, Course ID: CSE101.
- Logo of MHRD and IIT Bombay.
- Header: CLICKER Student Response System.
- Buttons: ACTIVE, LOG OUT, QUIZ, POLL, RAISE HAND, REPORT, ADMIN.
- Quiz details: Quiz ID: 1, Quiz Name: DemoQuiz.
- Quiz status: QUIZ, Show Option checkbox.
- Responses: Responses: 0 / 5, End Quiz button.
- Timer: 1 : 37.
- List of questions (enclosed in a large red box):
 1. The ozone layer restricts
 - A. Visible light
 - B. Infrared radiation
 - C. X-rays and gamma rays
 - D. Ultraviolet radiation
 2. Hitler party which came into power in 1933 is known as
 - A. Labour Party
 - B. Nazi Party
 - C. Ku-Klux-Klan
 - D. Democratic Party
 3. To which of the following fields Nobel prize is awarded?
 - A. Physics and Chemistry
- Footer: Designed & Developed by Clicker Software Team, IIT Bombay.

In this, questions are displayed along with their options, In case we don't want option to be shown, we can “tick” the show option button.

3. Once quiz time gets over, we will see below screen

The screenshot shows the Clicker Student Response System interface. At the top, there is a header bar with the MHRD logo, Instructor ID: dbp, Department ID: CSE, Course ID: CSE101, and a green 'ACTIVE' status indicator. On the right, there is a 'LOGOUT' button and the IIT Bombay logo. Below the header, a navigation bar includes 'Quiz', 'Poll', 'Raise hand', 'Report', and 'Admin' buttons. The main content area displays a quiz titled 'DemoQuiz' with Quiz ID: 1. It shows 'Responses: 0 / 5' and an 'End Quiz' button. A timer at the bottom right shows '0 : 00'. The quiz questions listed are:

1. The ozone layer restricts
 - A. Visible light
 - B. Infrared radiation
 - C. X-rays and gamma rays
 - D. Ultraviolet radiation
2. Hitler party which came into power in 1933 is known as
 - A. Labour Party
 - B. Nazi Party
 - C. Ku-Klux-Klan
 - D. Democratic Party
3. To which of the following fields Nobel prize is awarded?
 - A. Physics and Chemistry

At the bottom of the quiz area, there is a 'Show Response' button, which is highlighted with a red box. Below the quiz area, a dark footer bar contains the text 'Designed & Developed by Clicker Software Team, IIT Bombay'.

Once timer gets over, this “Show Response” button will get visible , when you click on it response page will open.

4. Below is response page, which show response of the quiz.

If clicked on this button, then same quiz can be conducted again, just by specifying time

This indicate that still responses are getting collected, and chart will get updated.

Instructor ID : dbp
Department ID : CSE
Course ID : CSE101

CLICKER
Student Response System

ACTIVE

LOGOUT

M H R D

Quiz Poll Raise hand Report Admin

IIT BOMBAY

Please wait responses are still getting collected hence chart will get update...

Overall Quiz Response Chart [Re-conduct quiz]

Quiz Response chart

Questions	Responses	Right	Wrong	No Response
Q.1	4	0	4	0
Q.2	4	2	0	0
Q.3	4	0	4	0
Q.4	4	0	4	0

Correct: 12.5 %
Wrong: 87.5 %

Overall Quiz Performance

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This show chart of question wise response for particular quiz, Each bar represents each question response

This pie chart shows overall quiz performance, it includes total question response value and provides percentage wise output. Thus, it helps in knowing whether students understood the topic or not.

5. We can also view individual question and question response.

Click any question Bar
eg. Question 2 (Q.2)

The screenshot shows the Clicker Student Response System interface. At the top, there's a header with the MHRD logo, Course ID: CSE101, and the IIT Bombay logo. Below the header are navigation buttons for Quiz, Poll, Raise hand, Report, and Admin. The main area displays an 'Overall Quiz Response Chart' titled 'Quiz Response chart'. It shows four questions (Q.1, Q.2, Q.3, Q.4) with their respective response counts: Q.1 (4 Right, 4 Wrong, 0 No Response), Q.2 (2 Right, 2 Wrong, 0 No Response), Q.3 (4 Right, 4 Wrong, 0 No Response), and Q.4 (4 Right, 4 Wrong, 0 No Response). A legend indicates that green bars represent 'Right' answers, red bars represent 'Wrong' answers, and grey bars represent 'No Response'. To the right of the chart is a pie chart titled 'Overall Quiz Performance' showing 12.5% Correct and 87.5% Wrong. Below the chart, a question detail box for 'Question : 2' is shown, asking about the Hitler party that came into power in 1933. The options are A. Labour Party, B. Nazi Party, C. Ku-Klux-Klan, and D. Democratic Party. A red box highlights the question 2 bar in the chart. Another red box highlights the question detail box. Two callout boxes at the bottom explain these features:

2. A) Once question bar is clicked, we will be able to view question details of that question.

2. B) Along with question detail , we will see this chart of response given for this particular question. Once you click on this chart ,you will see list of student along with their responses.

Question : 2

Hitler party which came into power in 1933 is known as

- A. Labour Party
- B. Nazi Party
- C. Ku-Klux-Klan
- D. Democratic Party

Overall Quiz Response Chart [Re-conduct quiz]

Quiz Response chart

Correct: 12.5 %
Wrong: 87.5 %

Overall Quiz Performance

Question - 2

No of Responses

Responses

Incorrect Correct

Designed & Developed by Clicker Software Team, IIT Bombay

6. As mentioned above in Step 2. B, that when we click on that chart of response we get list of students along with their response for that question. This can be seen in below image.

The screenshot shows the 'Student Response System' interface with the following details:

- Header:** Course ID : CSE101, MHRD, IIT BOMBAY.
- Navigation Bar:** QUIZ, POLL, RAISE HAND, REPORT, ADMIN.
- Question Display:** Question 1: Hitler party which came in power in 1933? with options A, B, C, D.
- Bar Chart:** Responses for Question 1. The Y-axis is 'Responses' (0-6) and the X-axis is 'Q.1'. The chart shows 4 students chose 'A' and 0 chose 'B'.
- Table:** Responses table titled 'Responses' showing student ID, name, and response for each of the 4 students.
- Performance Summary:** Overall Quiz Performance pie chart showing 12.5% Correct (green) and 87.5% Wrong (red).
- Bar Chart:** Overall Quiz Performance bar chart showing 2 students chose 'A' and 2 chose 'B'.
- Text Overlay:** 'Student list along with their response for selected question' (highlighted by a red box).

Launching Instant Quiz

This feature is about launching a quiz in a class when questions are available in presentation slides or on black/white board. Student will respond to the corresponding options for a question.

Note : Before launching the quiz course should be in “active mode”.

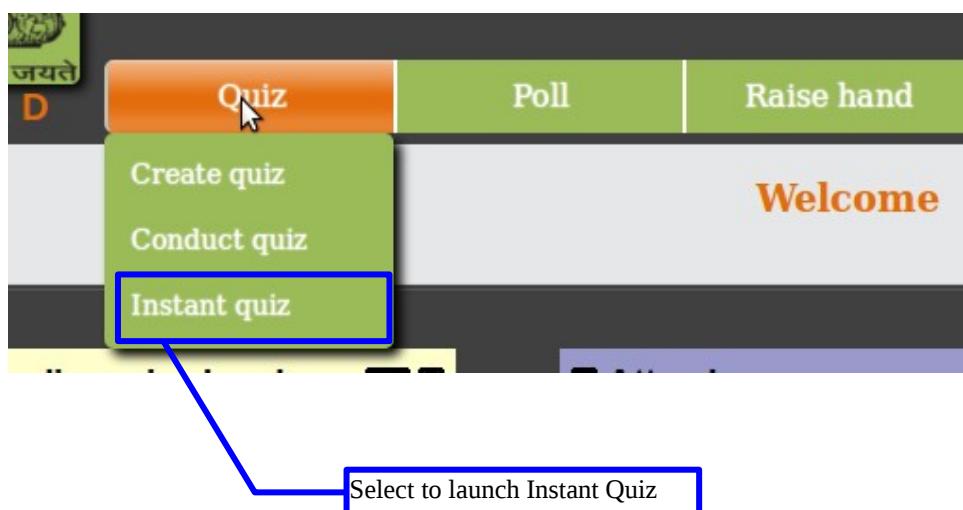
Following are the steps to launch Instant Quiz.

Step 1: Click on “Quiz tab”.

Step 2: Select “Instant Quiz”.

Step 3: Select the number of options and set the time.

Step 4: Click on “Launch Quiz” button.



Launching Instant Quiz

Step 1: Select the Number of question

The screenshot shows the Clicker Student Response System interface. At the top, there is a header with the MHRD logo, Instructor ID: dbp, Department ID: CSE, Course ID: CSE101, and session status (ACTIVE). Below the header is the Clicker logo and the 'Student Response System' text. A navigation bar with buttons for Quiz, Poll, Raise hand, Report, and Admin is visible. On the right, there is a LOGOUT button and the IIT BOMBAY logo. The main area is titled 'Instant quiz' and displays 'Responses : 0 / 5'. A red box highlights the 'Select number of questions' dropdown set to 4. Below it, four question types are listed: 1) Single Choice Correct (No. of Options: 4, Correct Ans: B), 2) Multiple Choice Correct (No. of Options: 5, Correct Ans: B, C, D, E), 3) Numeric Answer (Correct Ans: 2), and 4) True or False (Correct Ans: True). A red box also highlights the 'Select Time for Quiz' section, which includes 'Minutes 01' and 'Seconds 40', and a 'Launch quiz' button. A cyan box highlights the 'Timer' label. A red box highlights the 'Type of question, option and the correctness' label. A cyan line connects the 'Timer' label to the 'Seconds' input field. A red line connects the 'Type of question, option and the correctness' label to the 'Correct Ans' dropdown in question 2.

Instructor ID : dbp
Department ID : CSE
Course ID : CSE101

ACTIVE

LOGOUT

M H R D

Quiz Poll Raise hand Report Admin

Responses : 0 / 5

Instant quiz

00 : 00

Select number of questions 4

1). Question Type : Single Choice Correct No. of Options : 4 Correct Ans : B

2). Question Type :
Multiple Choice Correct No. of Options : 5 Correct Ans : A B C D E

3). Question Type : Numeric Answer Correct Ans : 2

4). Question Type : True or False Correct Ans : True

Select Time for Quiz

Minutes 01 Seconds 40

Launch quiz

Designed & Developed by Clicker Software Team, IIT Bombay

Timer

Type of question, option and the correctness

Once instant quiz is launched , we will see below screen

This screenshot shows the Clicker Student Response System interface for an instant quiz. The top navigation bar includes the MHRD logo, instructor details (ID: dbp, Department ID: CSE, Course ID: CSE101), and course logos for IIT Bombay and CSE. The main menu buttons are Quiz, Poll, Raise hand, Report, and Admin. A green box highlights the 'Responses : 0 / 5' counter. A red box highlights the 'Instant quiz' title. Another red box highlights the 'Select number of questions' dropdown set to 4. A red box highlights the timer '01 : 37'. A large red box encloses the question list area, which contains four questions:

- 1). Question Type : Single Choice Correct No. of Options : 4 Correct Ans : B
- 2). Question Type :
Multiple Choice Correct
No. of Options : 5 Correct Ans : A B C D E
- 3). Question Type : Numeric Answer Correct Ans : 2
- 4). Question Type : True or False Correct Ans : True

The bottom footer states 'Designed & Developed by Clicker Software Team IIT Bombay'.

This show which question has been launched under instant quiz along with their number of option and correct answer. To keep answer secret during quiz, don't project this window to student

Once instant quiz time gets over, we will see below screen:

The screenshot shows the Clicker Student Response System interface. At the top, there is a header bar with the Indian National Emblem, the text "MHRD", "Instructor ID : dbp", "Department ID : CSE", "Course ID : CSE101", and a "LOGOUT" button. Below the header, the Clicker logo and "Student Response System" text are displayed. A navigation menu bar contains "Quiz", "Poll", "Raise hand", "Report", and "Admin" buttons. The main area is titled "Instant quiz" and shows "Responses : 0 / 5". A timer displays "0 : 00". A dropdown menu for "Select number of questions" is set to 4. Below this, four question configurations are listed:

- 1). Question Type : Single Choice Correct | No. of Options : 4 | Correct Ans : B
- 2). Question Type :
Multiple Choice Correct | No. of Options : 5 | Correct Ans : A B C D E
- 3). Question Type : Numeric Answer | Correct Ans : 2
- 4). Question Type : True or False | Correct Ans : True

A red box highlights the "Show Response" button, which is located in a box at the bottom of the page. A red line points from the text in the callout box to this button. The footer of the page reads "Designed & Developed by Clicker Software Team, IIT Bombay".

Once timer gets over, this “Show Response” button will get visible , after clicking on Show Response button Response page will open.

Below is a screenshot of response page, which shows response of the instant quiz.

The screenshot shows the Clicker Student Response System interface. At the top, there is a header with the Indian National Emblem, Instructor ID: dbp, Department ID: CSE, Course ID: CSE101, and a logo for MHRD. On the right side, there are buttons for ACTIVE (with a checkmark), LOGOUT, and IIT BOMBAY. Below the header, there are navigation links for Quiz, Poll, Raise hand, Report, and Admin. A message box at the top right says: "This indicates that still responses are getting collected, and chart shall update accordingly." A circular progress bar icon is also present. A message at the bottom left says: "Please wait responses are still getting collected hence chart will get update...".

Quiz Response chart

Questions	Responses	Correct	Wrong	No Response
Q.1	3	1	2	0
Q.2	3	0	3	0
Q.3	3	2	0	1
Q.4	3	1	2	0

Legend: █ Right █ Wrong █ No Response

Overall Quiz Performance

Category	Value	Percentage
Correct	1	33.33 %
Wrong	3	66.67 %

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This indicates chart of question wise response for a particular quiz, Each bar represents individual question response.

This pie chart shows overall quiz performance, it includes total question response value and provides percentage wise output.

We can also view individual question and question response.

1. click on a particular question bar of chart
eg. In this Question 1(Q.1)

The screenshot shows the Clicker Student Response System interface. At the top, it displays the instructor ID (dbp), department ID (CSE), and course ID (CSE101). It also shows the status as ACTIVE and the IIT Bombay logo. Below this is a navigation bar with tabs for Quiz, Poll, Raise hand, Report, and Admin.

The main area features a "Quiz Response chart" for four questions (Q.1 to Q.4). The Y-axis represents Responses (0 to 4) and the X-axis represents Questions. A legend indicates: Green bar = Right, Red bar = Wrong, and Grey bar = No Response. The chart data is as follows:

Question	Right (Green)	Wrong (Red)	No Response (Grey)
Q.1	1	2	0
Q.2	0	3	0
Q.3	2	0	1
Q.4	1	2	0

To the right of the chart is an "Overall Quiz Performance" donut chart. The legend indicates: Correct (Green) and Wrong (Red). The chart shows that 33.33% of responses were correct and 66.67% were wrong.

A callout box highlights Question 1 (Q.1) in the chart, with the text: "1. click on a particular question bar of chart eg. In this Question 1(Q.1)".

Below the chart, a box contains the question: "Question : 1 Select a option from the following". The options are: A. Option 1, B. Option 2, C. Option 3, D. Option 4. An arrow points from this box to a detailed view of Question 1.

The detailed view for Question 1 shows a bar chart titled "Question - 1". The Y-axis is "No of Responses" (0 to 2) and the X-axis is "Responses" (B and C). The legend indicates: Red bar = Incorrect and Green bar = Correct. The chart data is:

Response	Correct (Green)	Incorrect (Red)
B	1	0
C	0	2

Two callout boxes provide instructions for interacting with the system:

- 2. A) Once question bar is clicked, we will be able to see question detail of that question. We will see question and its option list.
- 2. B) Along with question detail , we will see this chart of response given for this particular question. Once you click on this chart ,you will see list of student along with their responses.

As mentioned in above 2. B step, that when we click on that chart of response we get list of student along with their response for that question. This can be seen in below image.

The screenshot shows the Clicker Student Response System interface. At the top, there is a header with the Indian National Emblem, MHRD logo, and course details: Instructor ID : dbp, Department ID : CSE, Course ID : CSE101. To the right are buttons for ACTIVE, LOGOUT, and IIT BOMBAY. Below the header is a navigation bar with Quiz, Poll, Raise hand, Report, and Admin buttons. A red box highlights a modal window titled "Responses" containing a table of student responses for Question 1. The table has columns for S.No, Student ID, Student Name, and Response. The data is as follows:

S.No	Student ID	Student Name	Response
1	1	student1	C
2	2	student2	C
3	3	student3	B

Below the table is a bar chart for Question 1 showing responses A, B, and C. The Y-axis is labeled "Responses" and ranges from 0 to 4. The X-axis categories are A, B, and C. The chart shows 0 for A, 3 for B, and 1 for C. A red box also highlights this chart. To the right of the chart is a pie chart titled "Overall Quiz Performance" showing "Correct: 33.33 %" (green) and "Wrong: 66.67 %" (red). The bottom of the page includes a footer with the text "Designed & Developed by Clicker Software Team, IIT Bombay".

Student list along with their response for selected question

Raise Hand

Raise Hand

Raise hand feature is used to receive doubts of students during classes. If course is active then only student can send their doubts to instructor and those doubts can be replied by the instructor.

click “Raise hand” button on the menu to view the doubts. A continuous indication of new doubts will keep appearing in a numerical form.

The screenshot shows the Clicker Student Response System interface. At the top, there is a header with the MHRD logo, Instructor ID: dbp, Department ID: CSE, Course ID: CSE101, and a status bar indicating the course is ACTIVE. Below the header, there are navigation tabs: Quiz, Poll, Raise hand (which is highlighted with a red box and has a red callout pointing to the text), Report, and Admin. The Admin tab includes the IIT BOMBAY logo. A welcome message "Welcome" is displayed below the tabs. The main content area contains four cards: "Pending raise hand" (listing 1, 2, 3), "Attendance" (showing 3 OF 5), "Quizzes" (listing DemoQuiz, testt, test quiz, bigQuiz), and "Performance" (a line graph titled "Student Performance" showing data points at different time intervals). At the bottom, a footer states "Designed & Developed by Clicker Software Team, IIT Bombay".

Active Raise Hand and Pending Raise Hand

When instructor clicks on raise hand tab, following screen will appear.

This screenshot shows the Clicker Student Response System interface. At the top, there is a header bar with the MHRD logo, instructor details (ID: dbp, Department ID: CSE, Course ID: CSE101), and the Clicker logo. On the right, there are links for INACTIVE (with a lock icon), LOGOUT, and IIT BOMBAY. Below the header, a green navigation bar contains tabs for Quiz, Poll, Raise hand, Report, and Admin. The 'Raise hand' tab is currently selected, indicated by a red border and the word 'Raise hand' in orange. A green button labeled 'View saved doubts' is also present. The main content area is divided into two sections: 'Active RaiseHand' and 'Pending RaiseHand'. Both sections contain lists of student IDs (3, 2, 1) in green boxes. A red box highlights the 'Active RaiseHand' section, and another red box highlights the 'Pending RaiseHand' section. Red arrows point from these highlighted sections to callout boxes containing descriptive text. The bottom of the page features a dark footer bar with the text 'Designed & Developed by Clicker Software Team, IIT Bombay'.

This section shows the entry of currently active doubts which were indicated on the raisehand tab.

Active RaiseHand

Pending RaiseHand

3
2
1

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This section shows the entry of pending doubts which are not yet replied or discussed in class.

Instructor ID : dbp
Department ID : CSE
Course ID : CSE101

CLICKER
Student Response System

Raise hand

Active RaiseHand

- 3
- 2

Pending RaiseHand

- 3
- 2
- 2
- 1

Student ID :- 3 TimeStamp :- 2014-05-20 13:58:07.0

wht are oops concept?

Already Discussed in class
Reply to sender
Delete this doubt

Submit

View saved doubts

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If user clicks on submit button without selecting the checkbox for decision an alert message will appear as follows.

This section shows the question of selected doubt and gives various options to instructor to take decisions regarding to that and can submit it.

Instructor ID : dbp
Department ID : CSE
Course ID : CSE101

CLICKER
Student Response System

Raise hand

Active RaiseHand

- 3
- 2

Pending RaiseHand

- 3
- 2
- 2
- 1

Please select record

OK

Student ID :- 3 TimeStamp :- 2014-05-20 13:58:07.0

wht are oops concept?

Already Discussed in class
Reply to sender
Delete this doubt

Submit

View saved doubts

Designed & Developed by Clicker Software Team, IIT Bombay

If user clicks on submit button without selecting the checkbox for decision an alert message will appear as follows.

If instructor has already discussed that doubt in class then, that doubt can be saved as “**Already discussed in class**” by checking the checkbox. Then that doubt will get removed from the Pending Raise hand list.

The screenshot shows the Clicker Student Response System interface. At the top, there are logos for MHRD and IIT Bombay, and status indicators for Instructor ID (dbp), Department ID (CSE), and Course ID (CSE101). The top right features a lock icon, 'LOGOUT', and the text 'INACTIVE'. Below the header, there are tabs for Quiz, Poll, Raise hand, Report, and Admin. A green button labeled 'Raise hand' is centered above a list of active and pending raised hands. On the right, a green button says 'View saved doubts'. The 'Pending RaiseHand' section contains four entries: 3, 2, 2, and 1. The 'Active RaiseHand' section contains two entries: 3 and 2. In the 'Pending RaiseHand' section, the entry '3' has a red box around it, and the 'Delete this doubt' checkbox next to it is checked. A red box also surrounds the 'Already Discussed in class' checkbox, which is checked. A red box surrounds the 'Delete this doubt' checkbox. A red box surrounds the entire 'Pending RaiseHand' section. A red line points from the bottom of the 'Pending RaiseHand' section to the 'Delete this doubt' checkbox in the 'Active RaiseHand' section.

Instructor ID : dbp
Department ID : CSE
Course ID : CSE101

CLICKER
Student Response System

Raise hand

View saved doubts

Active RaiseHand

3
2

Pending RaiseHand

3
2
2
1

Student ID :- 3 TimeStamp :- 2014-05-20 13:56:23.0

what are pointers?

Already Discussed in class

Reply to sender

Delete this doubt

Submit

Designed & Developed by Clicker Software Team, IIT Bombay

Here you can see now that particular doubt has removed from list as it was discussed before only.

The screenshot shows the Clicker Student Response System interface. The layout is identical to the previous one, with the same header, tabs, and overall design. The 'Pending RaiseHand' section is highlighted with a red box. The entry '3' from the previous screenshot is no longer present in the 'Pending RaiseHand' list, indicating it has been removed. A red line points from the bottom of the 'Pending RaiseHand' section to the 'Delete this doubt' checkbox in the 'Active RaiseHand' section.

Instructor ID : dbp
Department ID : CSE
Course ID : CSE101

CLICKER
Student Response System

Raise hand

View saved doubts

Active RaiseHand

3
2

Pending RaiseHand

2
2
1
3

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Instructor ID : dbp
 Department ID : CSE
 Course ID : CSE101

CLICKER
 Student Response System

Raise hand

View saved doubts

Active RaiseHand

3
2

Pending RaiseHand

2
2
1
3

Student ID :- 2 TimeStamp :- 2014-05-20 13:55:52.0

hello

Already Discussed in class

Reply to sender **Submit**

Delete this doubt

Designed & Developed by Clicker Software Team, IIT Bombay

following window will pop up after clicking on . “Reply to sender” .
 Here instructor can answer the doubt.
 Click this button to send the reply to student.

Instructor ID : dbp
 Department ID : CSE
 Course ID : CSE101

CLICKER

WRITE REPLY FOR DOUBT

Reply Doubt

Write below your explanation :

Send to Student

Instructor ID : dbp
Department ID : CSE
Course ID : CSE101

CLICKER
Student Response System

Raise hand

Active RaiseHand

3
2

Pending RaiseHand

3
2
2
1

Student ID :- 3 TimeStamp :- 2014-05-20 13:56:23.0

what are pointers?

Already Discussed in class

Reply to sender

Delete this doubt

Submit

View saved doubts

Designed & Developed by Clicker Software Team, IIT Bombay

After submitting a confirmation alert for delete will pop up.
If instructor clicks “OK” button, doubt will get deleted from the database.

If instructor wants to delete the doubt then, select this “Delete this doubt” option and click on submit.

Instructor ID : dbp
Department ID : CSE
Course ID : CSE101

CLICKER
Student Response System

Raise hand

Active RaiseHand

3
2

Pending RaiseHand

3
2
2
1

Are you sure, you want to delete?

Cancel OK

Student ID :- 3 TimeStamp :- 2014-05-20 13:56:23.0

what are pointers?

Already Discussed in class

Reply to sender

Delete this doubt

Submit

View saved doubts

Designed & Developed by Clicker Software Team, IIT Bombay

Instructor can view the saved doubts by clicking this button.

The screenshot shows the Clicker Student Response System interface. At the top, there is a header with the Indian Government emblem, MHRD logo, and course details: Instructor ID : dbp, Department ID : CSE, Course ID : CSE101. The main title is "CLICKER Student Response System". On the right side, there are buttons for "LOGOUT" and "IIT BOMBAY". Below the header, there is a navigation bar with links for "Quiz", "Poll", "Raise hand", "Report", and "Admin". A red box highlights the "Raise hand" link. To the right of the navigation bar, there is a green button labeled "View saved doubts". The main content area displays two sections: "Active RaiseHand" and "Pending RaiseHand". The "Active RaiseHand" section contains two entries: "3" and "2". The "Pending RaiseHand" section contains four entries: "3", "2", "2", and "1".

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Here instructor can search for a particular doubt

Click this button to delete the selected doubt.

This section shows the past saved doubts and its information, like student name, roll no and time

The screenshot shows the Clicker Student Response System interface. At the top, there is a header with the Indian Government emblem, MHRD logo, and course details: Instructor ID : dbp, Department ID : CSE, Course ID : CSE101. The main title is "CLICKER Student Response System". On the right side, there are buttons for "LOGOUT" and "IIT BOMBAY". Below the header, there is a navigation bar with links for "Quiz", "Poll", "Raise hand", "Report", and "Admin". A red box highlights the "Raise hand" link. In the center, there is a search bar labeled "Search Doubt" with a placeholder "Search Doubt" and a "Delete Selected Doubts" button. Below the search bar, there is a table displaying saved doubts. The table has two rows, each representing a saved doubt. Each row contains a "Mark for Delete" checkbox, the student's name ("hello"), Roll number ("1" or "3"), Student Name ("student1" or "student3"), Semester ("Spring"), and TimeStamp.

hello	RollNo.	1	Student Name	student1	Semester	Spring
hello	RollNo.	3	Student Name	student3	Semester	Spring

Suppose instructor wants to delete this doubt, then select this check-box which indicates “Mark for Delete” and click “Delete Selected Doubt” button.

Instructor can mark multiple doubts at a time for deletion.

Instructor ID : dbp
Department ID : CSE
Course ID : CSE101

CLICKER
Student Response System

LOGOUT

M H R D

Quiz **Poll** **Raise hand** **Report** **Admin**

Raise hand

Search Doubt

Delete Selected Doubts

hello	RollNo. 1 Student Name student1 Semester Spring
Mark for Delete <input checked="" type="checkbox"/>	TimeStamp 2014-04-22 12:32:31.0
hello	RollNo. 3 Student Name student3 Semester Spring
Mark for Delete <input type="checkbox"/>	TimeStamp 2014-04-22 12:31:28.0

Poll

This feature is used for conducting live poll for students within a classroom.

Click on poll tab from main menu to conduct poll.

The screenshot shows the Clicker Student Response System interface. At the top, there is a header bar with the Indian National Emblem, the text "Instructor ID : dbp", "Department ID : dept001", "Course ID : CSE101", and the "MHRD" logo. To the right of the header are buttons for "ACTIVE" (with a checkmark), "LOGOUT", and the "IIT BOMBAY" logo. Below the header is a navigation bar with tabs: "Quiz" (disabled), "Poll" (highlighted with a red box), "Raise hand", "Report", and "Admin". A "Welcome" message is displayed below the navigation bar. The main content area contains four cards: "Pending raise hand" (listing student IDs 3, 43, 34, 21), "Attendance" (showing 3 OF 4), "Quizzes" (listing "all type question", "test", "sample mline", and "dummy"), and "Performance" (a line graph titled "Student Performance" showing data points across categories like "all type question", "test", "sample mline", "dummy", "easy", "medium", and "hard").

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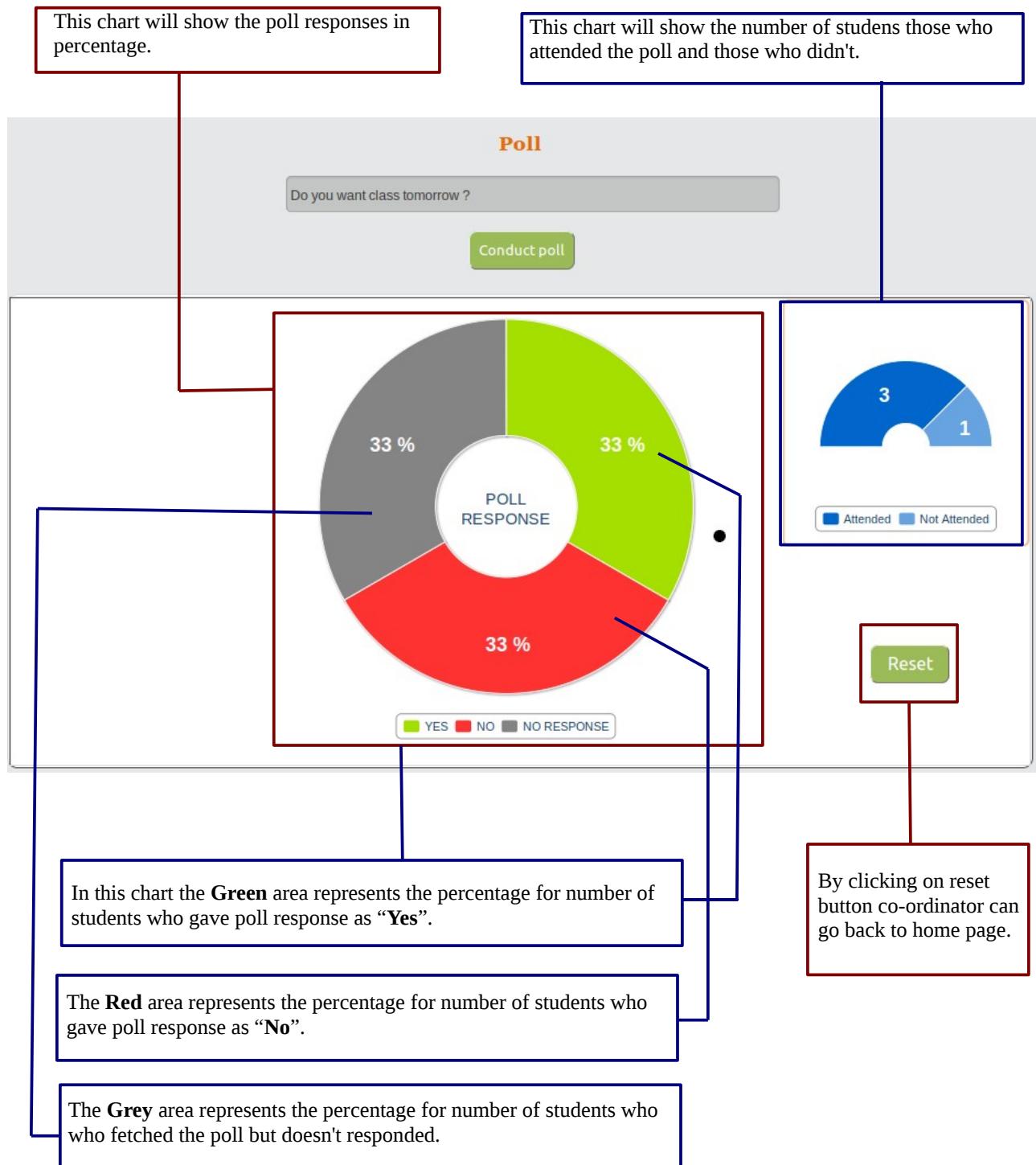
Below given is the poll page where you can type the poll question and lauch.

The screenshot shows the Clicker Student Response System interface. At the top left is the MHRD logo and course details: Instructor ID : dbp, Department ID : dept001, Course ID : CSE101. At the top right are buttons for ACTIVE (with a checkmark), LOGOUT, and IIT BOMBAY. A blue box labeled "Enter the poll question here." points to a text input field containing "Do you want class tomorrow ?". A red box labeled "Press this button to lauch the poll" points to a green "Conduct poll" button. The main menu bar includes Quiz, Poll, Raise hand, Report, and Admin. Below the menu is a "Poll" section with the question and the "Conduct poll" button.

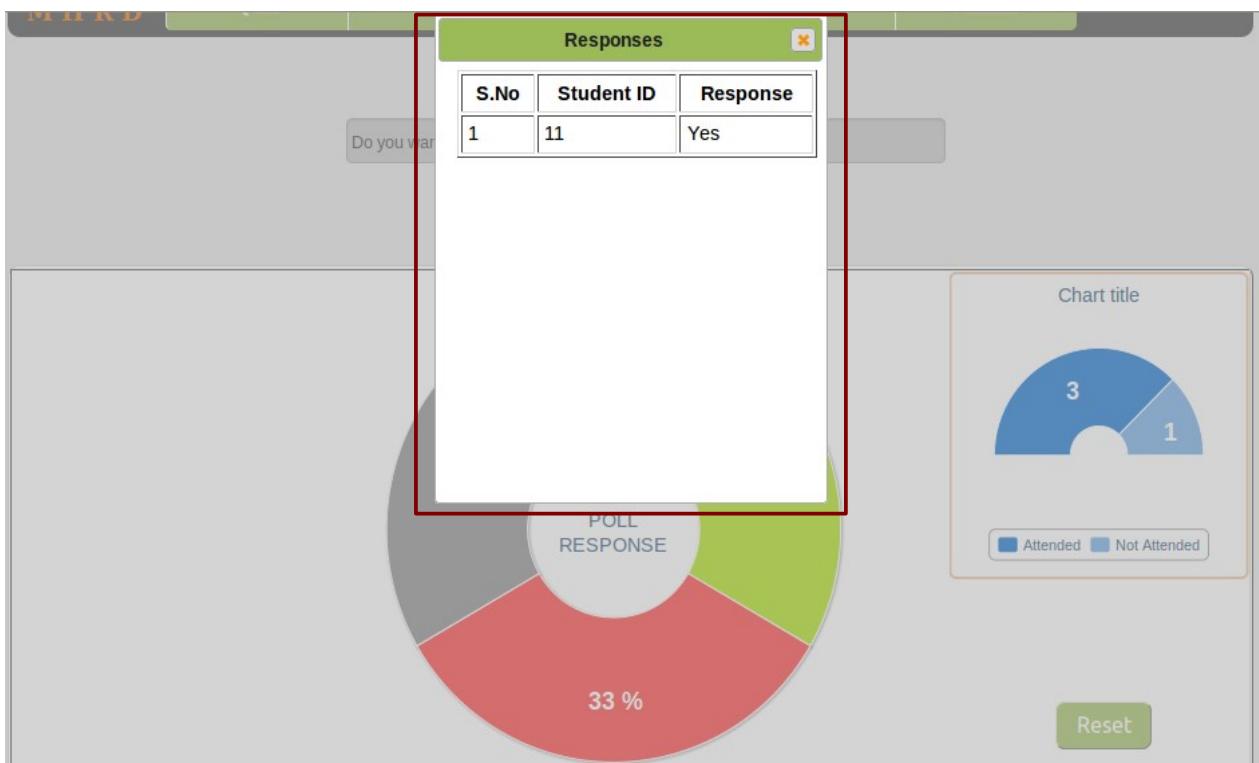
When instructor clicks the conduct poll button Timer will start. Poll timer will run by default for 30 seconds.

The screenshot shows the Clicker Student Response System interface after the "Conduct poll" button was clicked. The MHRD logo and course details are at the top left. The top right features ACTIVE (checkmark), LOGOUT, and IIT BOMBAY. The main menu bar has Quiz, Poll, Raise hand, Report, and Admin. Below the menu is a "Poll" section with the question "Do you want class tomorrow ?" and the "Conduct poll" button. A red box labeled "Countdown" points to a box containing "20 seconds".

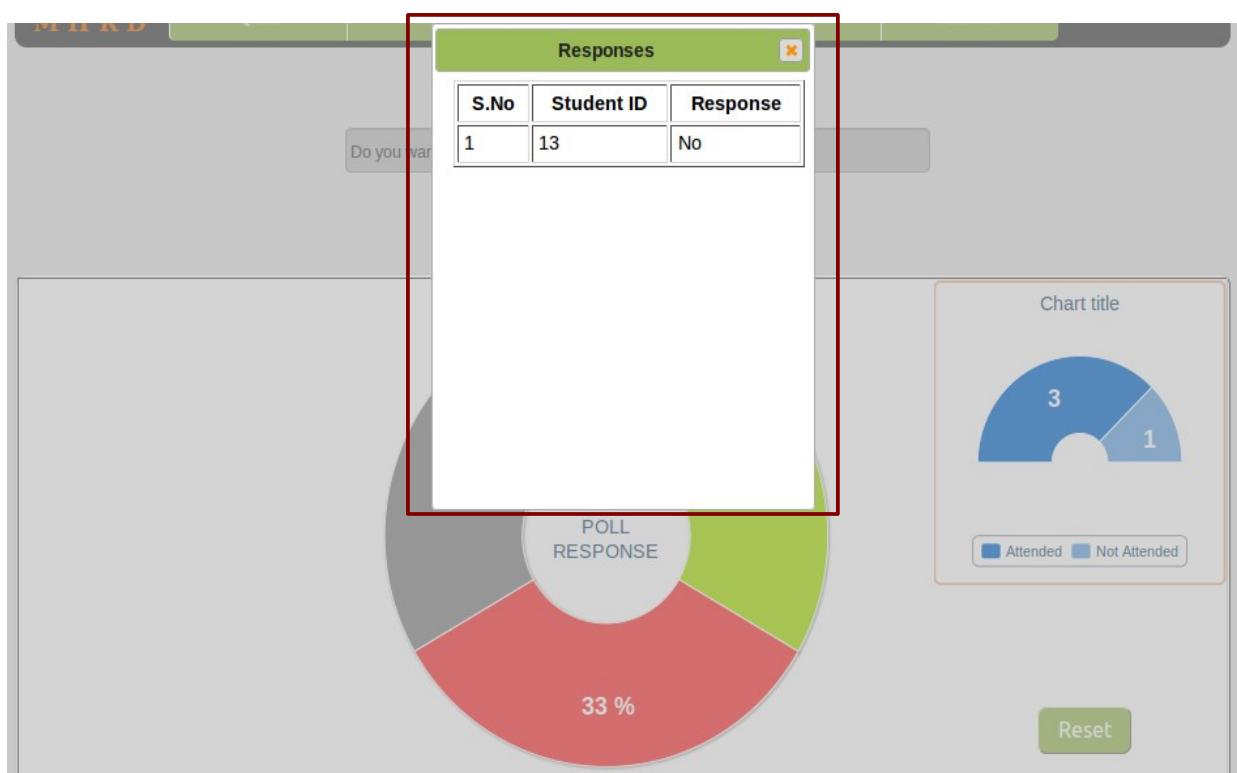
After poll timer gets over, response will get generated as below,



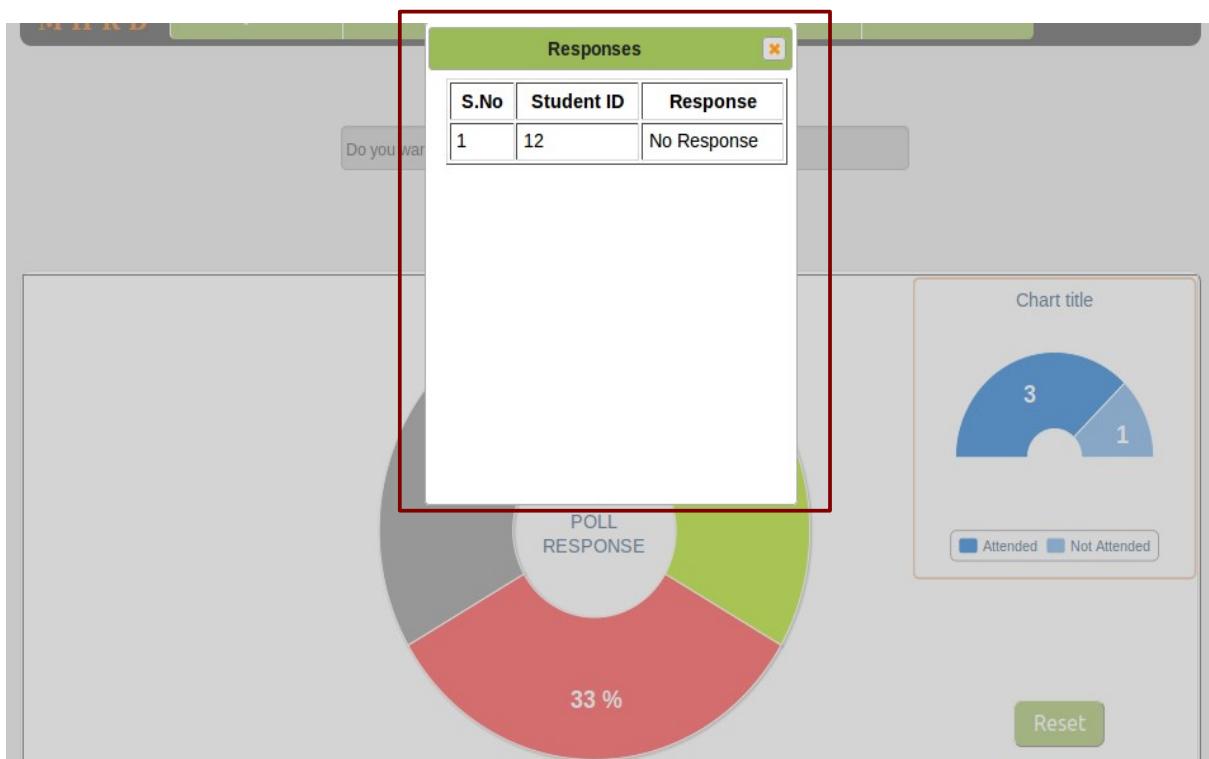
When you click on **Green** area, one pop up will appear showing the list of students who responded “Yes”.



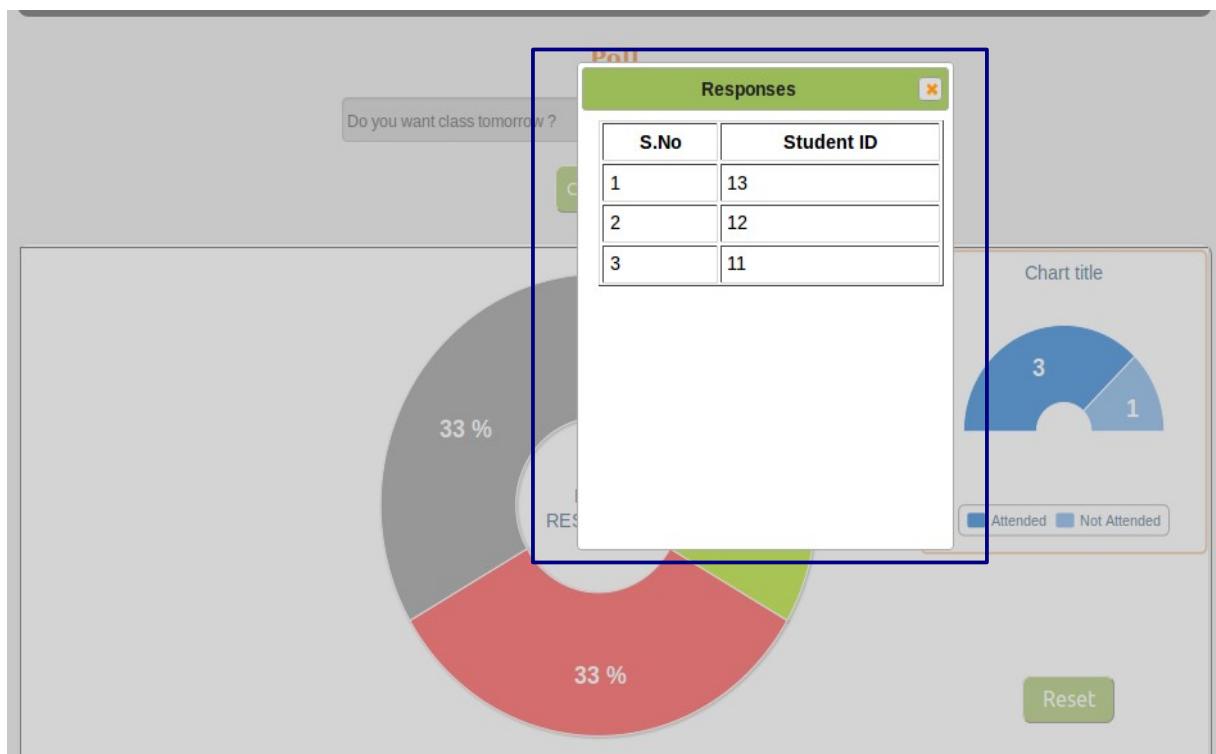
When you click on **Red** area, one pop up will appear showing the list of students who responded “No”.



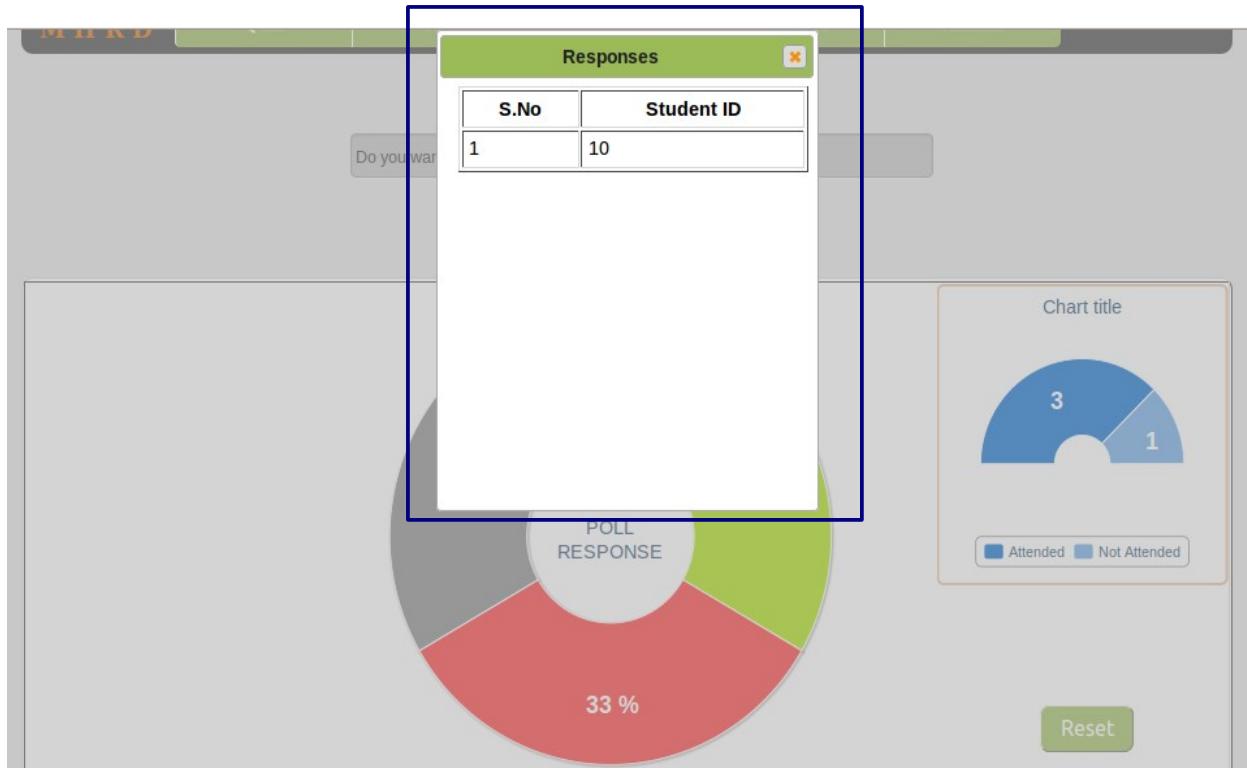
When you click on **Grey area**, one pop up will appear showing the list of students **who fetched the poll but doesn't responded**.



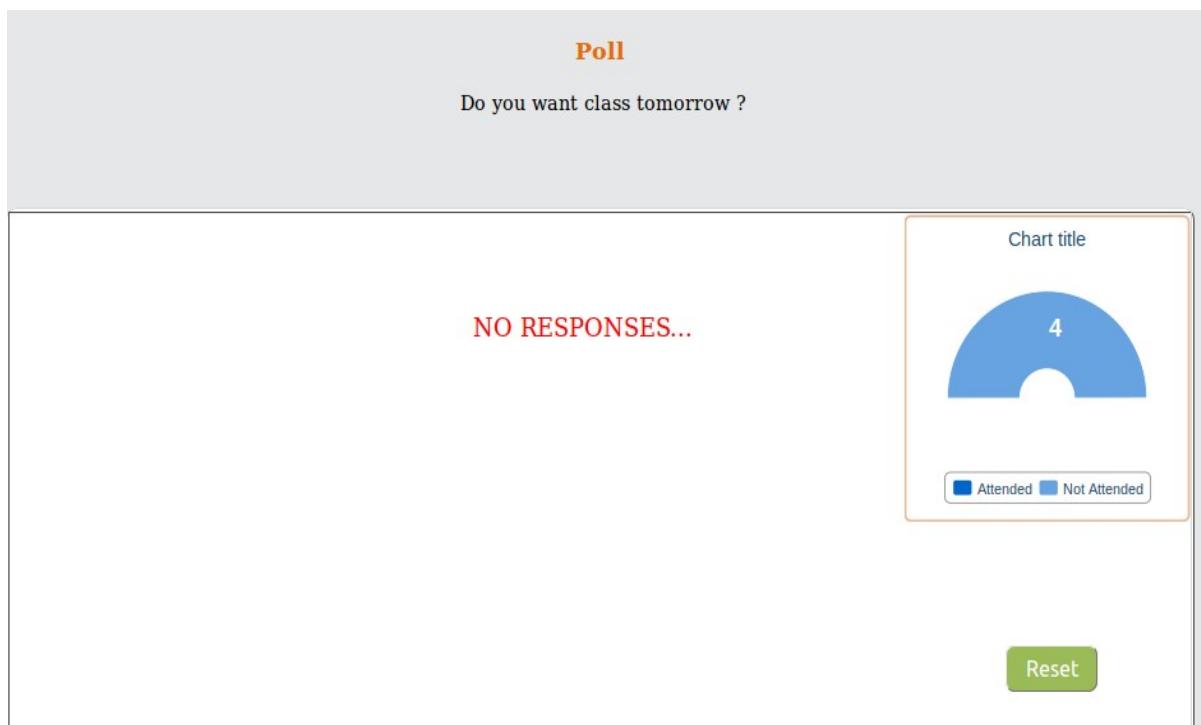
In right hand side's **attendance** chart when user clicks on **dark blue** color area it will display list of students who **attended the poll**.



In attendance chart when user clicks on **light blue** color area it will display list of students who does **not attended the poll**.



Suppose all the students didn't attended poll, then "**no response**" message will get displayed on response page.



Report

Report Module (Dashboard) :

Report module is used to see the detailed report of **normal quiz, instant quiz, poll and individual student**. All the details are displayed in a single dashboard. Based on the selection, report is shown and you can download the report as **PDF**.

User Type is Instructor :

Instructor can see his / her own course report. User type may be instructor, HOD or Principal. Based on the user type they can see the reports. Instructor can see their own report, HOD can see all courses under the department and Principal can see all the courses in each department. Select Report menu in menu bar. Report dashboard is displayed with summary of course like Number of quiz conducted, poll taken and total students. Overall Quiz Performance for normal and instant quiz are plotted in a line chart.

Normal Quiz Report :

Click the normal quiz, list of quiz conducted is listed with quiz name and quiz conducted time in a box. If a quiz is conducted more than one time, the quiz time is listed one after another in same quiz box.

The screenshot shows the Clicker Student Response System dashboard. At the top, there is a header with the Indian National Emblem, MHRD logo, Instructor ID (raj), Department ID (CSE), Course ID (CSE101), and navigation links for INACTIVE, LOGOUT, and IIT BOMBAY. Below the header, there are tabs for Quiz, Poll, Raise hand, Report (which is highlighted in orange), and Admin. A radio button group for 'Quiz Report' (unchecked) and 'Quiz Result' (checked) is also present. The main area is titled 'Dashboard' and contains four large buttons: 'Normal quiz' (19), 'Instant quiz' (05), 'Poll' (04), and 'Total Student' (06). To the right is a line chart titled 'Overall Quiz Performance' showing 'Normal Quiz' (blue line with circles) and 'Instant Quiz' (black line with diamonds) performance percentages over time. A callout box points to the chart with the text 'Hover the mouse on plot to view the quiz performance'. Below the chart, two boxes show quiz details: 'GK' with '2014-02-07 12:41:27.0' and 'test1' with '2014-02-14 12:15:04.0' and '2014-02-13 17:08:22.0'. A callout box points to these boxes with the text 'Click the header to see the quiz detail in report'. At the bottom, a footer bar states 'Designed & Developed by Clicker Software Team, IIT Bombay'. A callout box points to the footer with the text 'Either Click the quiz time or Line chart plot to see the Report (Response / Result)'.

Quiz report type either Quiz Response or Quiz Result

Hover the mouse on plot to view the quiz performance

Quiz Report Quiz Result

Normal quiz Instant quiz Poll Total Student

19 05 04 06

GK
2014-02-07 12:41:27.0

test1
2014-02-14 12:15:04.0
2014-02-13 17:08:22.0

Overall Quiz Performance

Performance %

Normal Quiz Instant Quiz

Designed & Developed by Clicker Software Team, IIT Bombay

Click the header to see the quiz detail in report

Either Click the quiz time or Line chart plot to see the Report (Response / Result)

Quiz Response Report :

Normal quiz response is shown with chart and individual student response. You can download the report as PDF by click the PDF icon .



Clicking the PDF Icon , the PDF report is downloaded

Normal Quiz Report

Quiz Response

Clicker

Tuesday 20 May 2014

Department CSE **QuizName** GK

Course Name C and Cpp **TimeStamp** 7/2/14 12:41 PM

Number of Student Participated 5

Question - 1

Responses	1	2
2	1	2

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Quiz Result Report :

Normal quiz result is shown with chart and individual student result with percentage and grade. You can download the report as PDF by click the PDF icon. Select the Quiz Result option button before clicke the quiz time or chart plot.

Normal Quiz Report

Quiz Result

Percentage	No. of Student
0 to 50	0
50 to 70	0
70 to 90	0
90 to 100	1

Quiz Grade

Grade	No. of Student
A	1

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Instant Quiz Report :

Click the instant quiz, the list of quiz conducted is listed with quiz conducted time in a box.

The screenshot shows the Clicker Student Response System dashboard. At the top, there are logos for MHRD and IIT Bombay, and user information: Instructor ID : raj, Department ID : CSE, Course ID : CSE101. The title "CLICKER" is prominently displayed with "Student Response System" below it. Navigation links include Quiz, Poll, Raise hand, Report, Admin, INACTIVE, and LOGOUT. A green banner at the bottom states "Designed & Developed by Clicker Software Team, IIT Bombay".

Dashboard Statistics:

- Normal quiz: 19
- Instant quiz: 05
- Poll: 04
- Total Student: 06

Overall Quiz Performance:

A line chart titled "Overall Quiz Performance" plots "Performance %" (Y-axis, 0-100) against "Quiz Number" (X-axis, 1-18). The chart compares "Normal Quiz" (blue line with circles) and "Instant Quiz" (black line with diamonds). A callout box highlights the "Instant Quiz" data point at Quiz 4, showing a performance of 25%.

Instant Quiz Options:

- Instant Quiz 1: 2014-02-10 15:53:03.0
- Instant Quiz 2: 2014-02-10 15:47:36.0
- Instant Quiz 3: 2014-02-10 15:47:36.0
- Instant Quiz 4: 2014-02-10 15:47:36.0
- Instant Quiz 5: 2014-02-10 15:47:36.0

Annotations:

- Red box around "Instant Quiz 1": "Either Click the quiz time or Line chart plot to see the Instant quiz responses"
- Red box around the line chart: "Hover the mouse on plot to view the quiz preformance"

Instant Quiz responses with chart and individual student responses. On click of PDF icon you can download the report as PDF.

The screenshot shows the "Instant Quiz Report" page. At the top, there are logos for MHRD and IIT Bombay, and user information: Instructor ID : raj, Department ID : CSE, Course ID : CSE101. The title "CLICKER" is prominently displayed with "Student Response System" below it. Navigation links include Quiz, Poll, Raise hand, Report, Admin, INACTIVE, and LOGOUT. A green banner at the bottom states "Designed & Developed by Clicker Software Team, IIT Bombay".

Report Details:

- Department: CSE
- TimeStamp: Tuesday 20 May 2014
- Course Name: C and Cpp
- Number of Student Participated: 1

Question - 1:

A bar chart titled "Question - 1" shows "Responses" (Y-axis, 0-1) versus "Options" (X-axis). There is one green bar labeled "1" at position 1.

Poll Report :

Click the poll, you can see list of poll conducted in a box with poll question, time of poll conducted, number of No response, Yes and No.

Click the poll box to display the detailed poll report with chart

The screenshot shows the Clicker Student Response System dashboard. At the top, there are user details: Instructor ID : raj, Department ID : CSE, Course ID : CSE101. On the right, there are links for INACTIVE (with a red lock icon), LOGOUT, and IIT BOMBAY logo. Below the header, there are four main buttons: Quiz (19), Instant quiz (05), Poll (04), and Total Student (06). A green arrow points from the 'Poll' button down to a detailed poll report box. The 'Poll' section contains three poll results:

- Is today session was good ?**
 - Date - 2014-03-03 17:34:59.0
 - No Response : 1
 - Yes : 3, No : 2,
- Do you like to come for tomorrow class?**
 - Date - 2014-03-03 17:32:32.0
 - Yes : 6,
- Do you like to come for spacial class every week end ?**
 - Date - 2014-03-03 17:05:48.0
 - No Response : 1
 - Yes : 3, No : 2,

On the right side of the dashboard, there is a line chart titled "Overall Quiz Preformance" showing Performance % over time. The legend indicates that blue dots represent "Normal Quiz" and black diamonds represent "Instant Quiz".

At the bottom of the dashboard, there is a box labeled "test 1 to show the dashboard poll" with the following data:

- Date - 2014-03-03 16:55:33.0
- Yes : 2, No : 1,

Below the dashboard, a footer bar states: "Designed & Developed by Clicker Software Team, IIT Bombay".

Poll detailed report with chart : You can download it as PDF.

This screenshot shows a detailed poll report for a specific poll titled "Poll". The report includes a bar chart showing the distribution of responses: 2 responses for "No" (incorrect) and 3 responses for "Yes" (correct). It also shows 1 response for "No Response". The chart has "Responses" on the x-axis and "No of Responses" on the y-axis. A legend at the bottom indicates that red bars represent "Incorrect" and green bars represent "Correct".

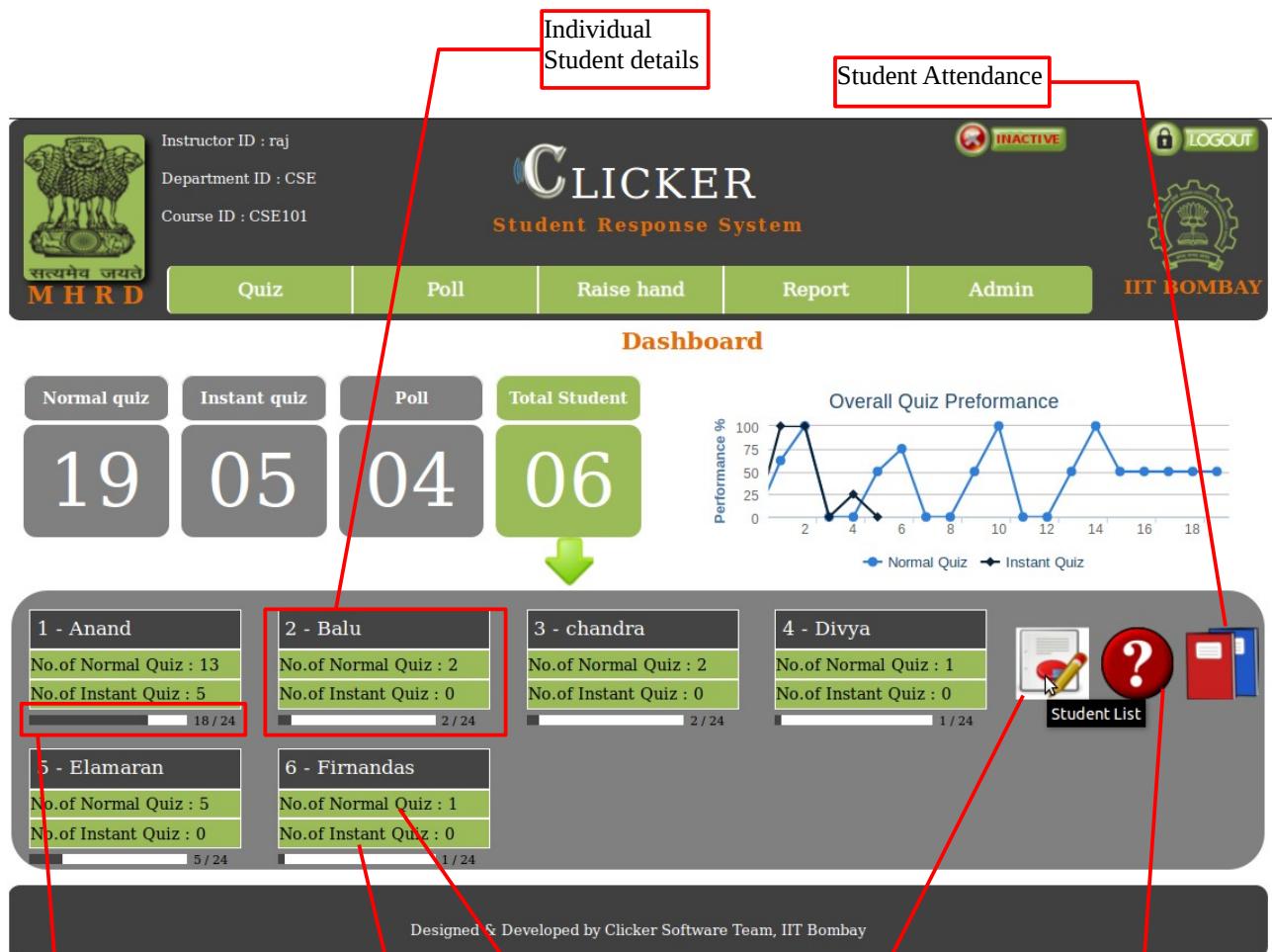
On the left side of the interface, there is a sidebar with the following information:

- Instructor ID : raj
- Department ID : CSE
- Course ID : CSE101
- Normal quiz : 19
- Instant quiz : 0
- Is today session was good ? (with the same data as the dashboard)
- test 1 to show the dashboard poll (with the same data as the dashboard)

On the right side, there is a small window showing a line chart for "Overall Quiz Preformance" and another poll result for "Do you like to come for spacial class every week end ?".

Student Report :

Click the Total Student, the list of student is displayed in a box with student name, id and number of normal and instant quiz participated. Below each students details, progress bar displays the number of quiz attempted out of number of quiz conducted. In order to view the report Student List Student Query  and Attendance  options can be used.



The screenshot shows the Clicker Student Response System dashboard. At the top, it displays the MHRD logo, instructor ID (raj), department ID (CSE), and course ID (CSE101). It also shows the Clicker logo, a gear icon, and links for INACTIVE, LOGOUT, and IIT BOMBAY. Below the header is a navigation menu with tabs: Quiz, Poll, Raise hand, Report, Admin, and Dashboard. The Dashboard section features four large boxes: Normal quiz (19), Instant quiz (05), Poll (04), and Total Student (06). To the right is a line graph titled "Overall Quiz Performance" showing the percentage of quizzes taken over time, with two series: Normal Quiz (blue line with circles) and Instant Quiz (black line with diamonds). Below the graph is a list of six students with their participation details:

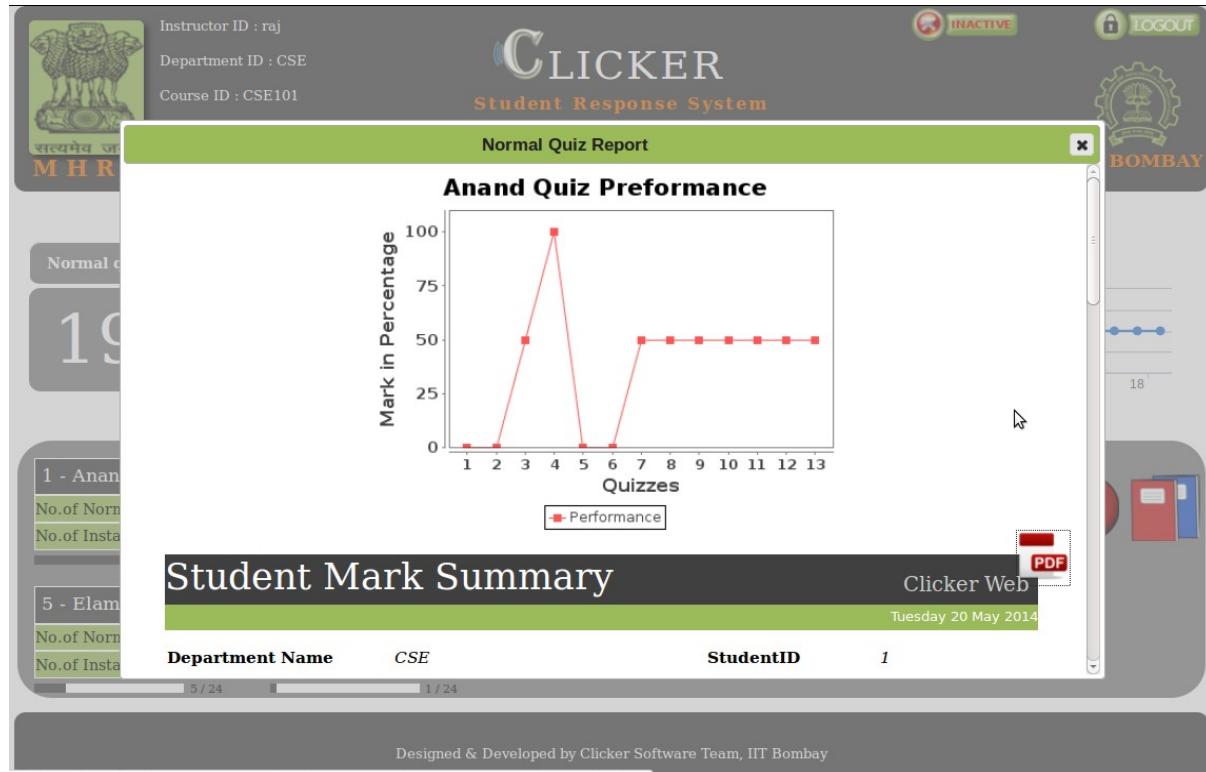
Student ID	Student Name	No. of Normal Quiz	No. of Instant Quiz	Performance %
1	Anand	13	5	18 / 24
2	Balu	2	0	2 / 24
3	chandra	2	0	2 / 24
4	Divya	1	0	1 / 24
5	Elamaran	5	0	5 / 24
6	Firnandas	1	0	1 / 24

At the bottom of the dashboard, there is a link to "Designed & Developed by Clicker Software Team, IIT Bombay". Red callout boxes highlight various features:

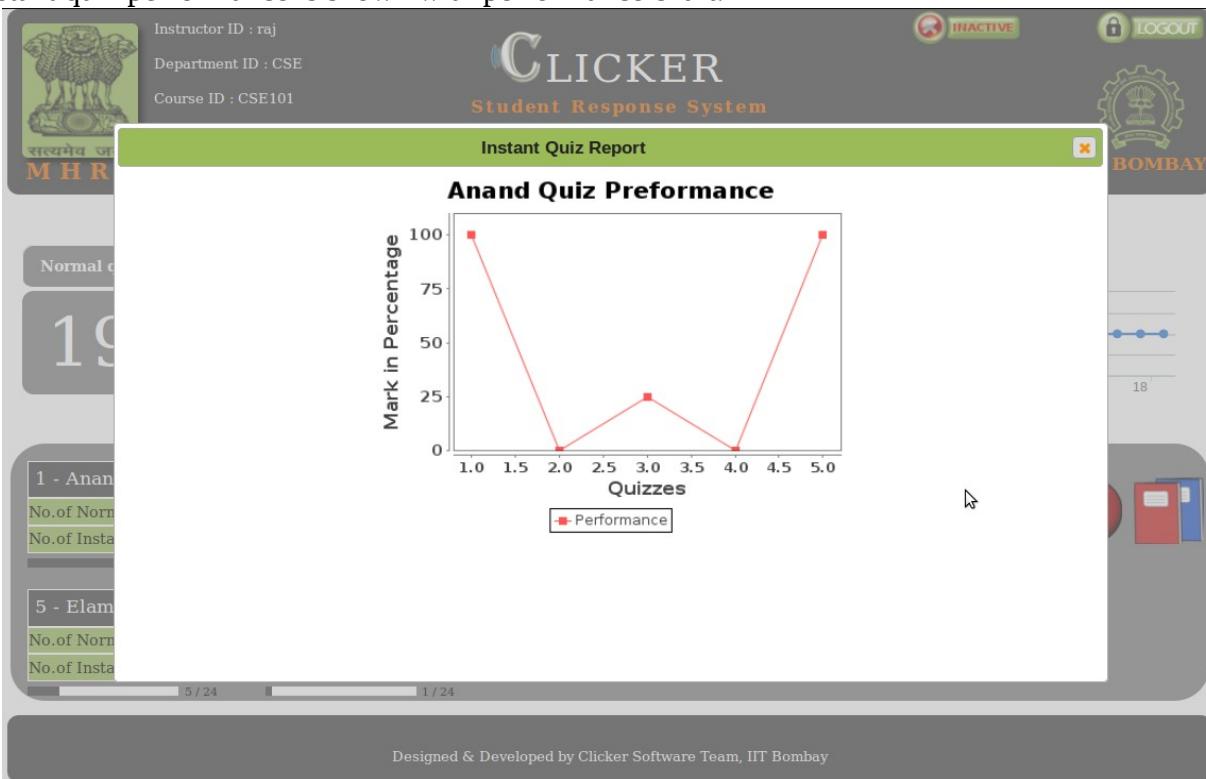
- Individual Student details: Points to the "Total Student" box.
- Student Attendance: Points to the "Attendance" icon.
- Student's Quiz Participation: Points to the student participation table.
- Student List: Points to the "Student List" button.
- Student Query: Points to the "Student Query" button.
- Click the Normal quiz to see the student Normal Quiz Performance: Points to the "Normal Quiz" data in the graph.
- Click the Instant quiz to see the student Instant Quiz Performance: Points to the "Instant Quiz" data in the graph.

Student Normal Quiz Performance :

Normal quiz performance is shown with performance chart and each quiz mark details.



Instant quiz performance is shown with performance chart.



Student List Report :

Student list for a course is shown onclick of student list icon and you can download it as PDF.

Instructor ID : raj
Department ID : CSE
Course ID : CSE101

CLICKER
Student Response System

Student List

Clicker
Tuesday 20 May 2014

Department CSE **No of Students** 6

Course Name C and Cpp

Student ID	Student Name
1	Anand
2	Balu
3	chandra
4	Divya
5	Elamaran

1 - Anan
No.of Norm
No.of Insta
5 - Elam
No.of Norm
No.of Insta

5 / 24 1 / 24

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clickerv4/DownloadPDF?reptype=course&cid=CSE101&date=&session=null&StudCount=6&AttSummary=&NoofQuiz=&queryDate=&repname=StudentList

Student Attendance :

List of student with abstain and present detail is shown onclick of attendance icon . You have to select date and session (FN / AN). You can download the report as PDF.

Instructor ID : raj
Department ID : CSE
Course ID : CSE101

CLICKER
Student Response System

Attendance Report

Select Date : 03/10/2014

Attendance

No of Students

Absent: 2
Present: 1

Present

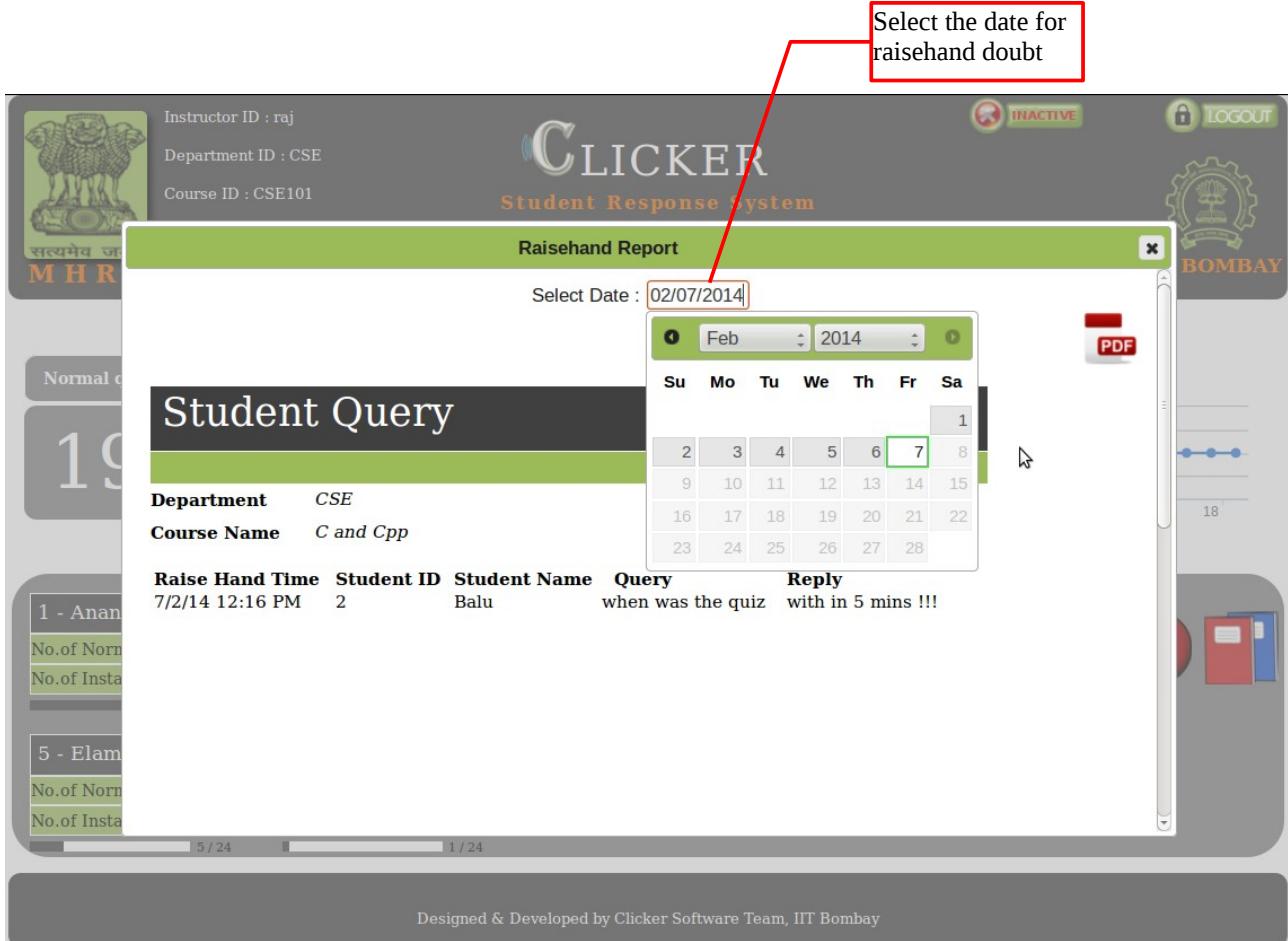
Attendance

5 / 24 1 / 24

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Student Query (Risehand) :

On click of raisehand doubt icon,  the doubts are displayed for the particular date. You can download the report as PDF.



The screenshot shows the Clicker Student Response System interface. At the top, there are user details: Instructor ID : raj, Department ID : CSE, Course ID : CSE101. On the right, there are buttons for INACTIVE, LOGOUT, and a gear icon labeled BOMBAY. A red box highlights the 'INACTIVE' button with the text 'Select the date for raisehand doubt'. In the center, a modal window titled 'Raisehand Report' is open, showing a date picker set to '02/07/2014'. Below the date picker, the text 'Student Query' is displayed. Underneath, it shows 'Department CSE' and 'Course Name C and Cpp'. A table lists a single entry: 'Raise Hand Time 7/2/14 12:16 PM', 'Student ID 2', 'Student Name Balu', 'Query when was the quiz', and 'Reply with in 5 mins !!!'. At the bottom of the modal, there is a 'PDF' button. The footer of the page says 'Designed & Developed by Clicker Software Team, IIT Bombay'.

HOD Report :

HOD can see all the courses in a department. It includes normal quiz, instant quiz, poll and student performance of all courses. HOD can download all the details as PDF. It give the quick performance of all the courses in a department.

Note : At the time of creating instructor you have to give privilages as HOD.

The screenshot shows the Clicker Student Response System HOD Dashboard. At the top, it displays the user's information: Instructor ID : rajesh, Department ID : CSE, Course ID : CSE102. It also shows the IIT Bombay logo and a LOGOUT button. Below this is the 'HOD Dash-board' menu with options: Quiz, Poll, Raise hand, Report, Admin, and a radio button for Quiz Report.

Course ID : CSE101

Normal quiz	Instant quiz	Poll	Total Student
19	05	04	06

Course ID : CSE102

Normal quiz	Instant quiz	Poll	Total Student
02	03	01	03

Course ID : CSE103

Normal quiz	Instant quiz	Poll	Total Student
03	02	00	02

Below the course statistics are three line graphs showing Overall Quiz Performance:

- CSE101 Overall Quiz Preformance:** A line graph with two series: Normal Quiz (blue line with circles) and Instant Quiz (black line with diamonds). The Y-axis is Performance % (0-100) and the X-axis is a sequence of numbers (2, 4, 6, 8, 10, 12, 14, 16, 18). The Normal Quiz series fluctuates between 20% and 100%, while the Instant Quiz series stays mostly below 25%.
- CSE102 Overall Quiz Preformance:** A line graph with two series: Normal Quiz (blue line with circles) and Instant Quiz (black line with diamonds). The Y-axis is Performance % (0-100) and the X-axis is 1, 2, 3. The Normal Quiz series starts at ~80%, dips to ~30%, and ends at ~100%. The Instant Quiz series starts at ~20%, rises to ~50%, and ends at ~20%.
- CSE103 Overall Quiz Preformance:** A line graph with two series: Normal Quiz (blue line with circles) and Instant Quiz (black line with diamonds). The Y-axis is Performance % (0-100) and the X-axis is 1, 2, 3. Both series start at ~40% and end at ~100%.

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HOD seeing a course instant quiz detail.

The screenshot shows the Clicker Student Response System HOD Dashboard. At the top, it displays the user's information: Instructor ID : rajesh, Department ID : CSE, Course ID : CSE102. It also shows the IIT Bombay logo and a LOGOUT button. Below this is the 'HOD Dash-board' menu with options: Quiz, Poll, Raise hand, Report, Admin, and a radio button for Quiz Report.

Course ID : CSE101

Normal quiz	Instant quiz	Poll	Total Student
19	05	04	06

Course ID : CSE102

Normal quiz	Instant quiz	Poll	Total Student
02	03	01	03

An arrow points from the 'Instant quiz' button in the CSE102 row to a section below showing three instant quizzes:

- Instant Quiz 1: 2014-05-21 10:43:24.0
- Instant Quiz 2: 2014-05-21 10:42:41.0
- Instant Quiz 3: 2014-05-21 10:41:30.0

Course ID : CSE103

Normal quiz	Instant quiz	Poll	Total Student

Below the course statistics are three line graphs showing Overall Quiz Performance:

- CSE101 Overall Quiz Preformance:** A line graph with two series: Normal Quiz (blue line with circles) and Instant Quiz (black line with diamonds). The Y-axis is Performance % (0-100) and the X-axis is a sequence of numbers (2, 4, 6, 8, 10, 12, 14, 16, 18). The Normal Quiz series fluctuates between 20% and 100%, while the Instant Quiz series stays mostly below 25%.
- CSE102 Overall Quiz Preformance:** A line graph with two series: Normal Quiz (blue line with circles) and Instant Quiz (black line with diamonds). The Y-axis is Performance % (0-100) and the X-axis is 1, 2, 3. The Normal Quiz series starts at ~80%, dips to ~30%, and ends at ~100%. The Instant Quiz series starts at ~20%, rises to ~50%, and ends at ~20%.
- CSE103 Overall Quiz Preformance:** A line graph with two series: Normal Quiz (blue line with circles) and Instant Quiz (black line with diamonds). The Y-axis is Performance % (0-100) and the X-axis is 1, 2, 3. Both series start at ~40% and end at ~100%.

HOD seeing a course normal quiz detail

Instructor ID : rajesh
Department ID : CSE
Course ID : CSE102

CLICKER
Student Response System

HOD Dash-board

Quiz Poll Raise hand Report Admin

INACTIVE LOGOUT IIT BOMBAY

Quiz Report Quiz Result

Course ID : CSE101

Normal quiz	Instant quiz	Poll	Total Student
19	05	04	06

Course ID : CSE102

Normal quiz	Instant quiz	Poll	Total Student
02	03	01	03

Course ID : CSE103

Normal quiz	Instant quiz	Poll	Total Student
03	02	00	02

CSE101 Overall Quiz Performance

Quiz Number	Normal Quiz (%)	Instant Quiz (%)
1	70	20
2	100	0
3	20	80
4	0	10
5	60	40
6	0	20
7	0	0
8	0	0
9	60	20
10	100	0
11	0	10
12	0	20
13	60	40
14	100	0
15	60	40
16	60	40
17	60	40
18	60	40

CSE102 Overall Quiz Performance

Quiz Number	Normal Quiz (%)	Instant Quiz (%)
1	80	30
2	30	70
3	20	30

CSE103 Overall Quiz Performance

Quiz Number	Normal Quiz (%)	Instant Quiz (%)
1	40	70
2	40	60
3	100	40

basic operator overload

2014-05-21 10:53:42.0 2014-05-21 10:50:39.0 2014-05-21 10:51:19.0

Designed & Developed by Clicker Software Team, IIT Bombay

HOD can view the individual quizz, individual student performance. He/she can also download the PDF report for all the courses.

Instructor ID : rajesh
Department ID : CSE
Course ID : CSE102

CLICKER
Student Response System

INACTIVE LOGOUT
HOD Dash-board
Quiz Poll Raise hand Report Admin
MHRD IIT BOMBAY

Instant Quiz Report

Instant Quiz Response Clicker Wednesday 21 May

Department CSE **TimeStamp** 21/5/14 10:42 AM

Course Name Computer FundamendaL **Number of Student Participated** 3

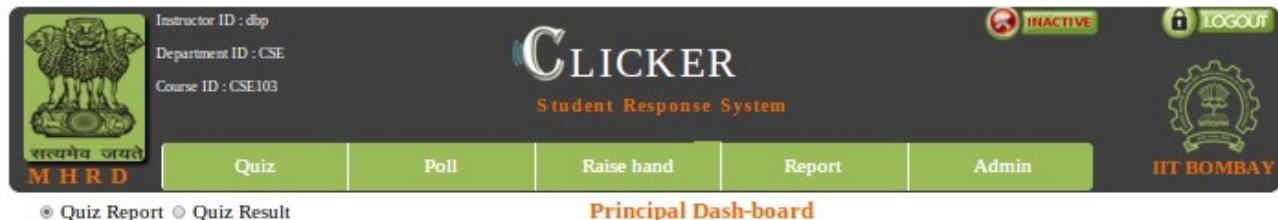
Question - 1

Responses	No of Responses
B	1
C	2

Legend: ■ Incorrect ■ Correct

Principal Report :

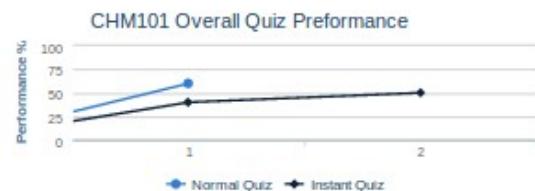
Principal can see the performance of all the courses in each department. He / she can monitor the performance of each student and each quiz under all the courses.



DepartmentID : Chem

Course ID : CHM101

Normal quiz	Instant quiz	Poll	Total Student
01	02	01	05



DepartmentID : CSE

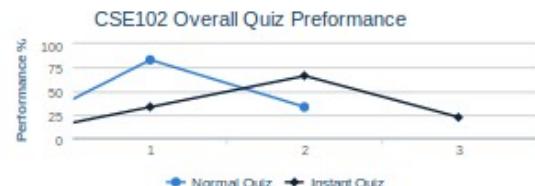
Course ID : CSE101

Normal quiz	Instant quiz	Poll	Total Student
19	05	04	06



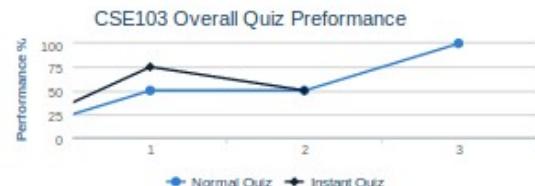
Course ID : CSE102

Normal quiz	Instant quiz	Poll	Total Student
02	03	01	03



Course ID : CSE103

Normal quiz	Instant quiz	Poll	Total Student
03	02	00	02



A screenshot of Principal's DashBord displaying students details of a course :

The dashboard shows the following information:

- Instructor ID :** dbp
- Department ID :** CSE
- Course ID :** CSE103
- Navigation:** Quiz, Poll, Raise hand, Report, Admin
- IIT BOMBAY Logo:**
- Section Header:** Principal Dash-board
- DepartmentID : Chem**
- Course ID : CHM101**
- Quiz Statistics:**
 - Normal quiz: 01
 - Instant quiz: 02
 - Poll: 01
 - Total Student: 05
- CHM101 Overall Quiz Performance:** A line graph showing performance percentages for Normal Quiz (blue line with circles) and Instant Quiz (black line with diamonds). The x-axis represents student IDs (1, 2) and the y-axis represents Performance % (0 to 100). Data points are approximately: (1, Normal Quiz: ~60%, Instant Quiz: ~30%), (2, Normal Quiz: ~60%, Instant Quiz: ~30%).
- Student Details:**

Student Name	No. of Normal Quiz	No. of Instant Quiz
1 - Anand	1	2
2 - Balu	1	2
3 - chandra	1	2
4 - Divya	1	2
5 - Elamaran	1	2

DepartmentID : CSE

Course ID : CSE101

