



## Clicker V4 Manual

# 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. Clicker software can be used to collect “*instant feedback*” from a large number of students, either as a response to a question, or to a poll. This application system has been successfully tested on devices running android platform. Clicker response available through a web-interface.

After version 3, many important features have been added. A quiz question now gets fully downloaded on student(s) tablet, through Wi-Fi. A multiple question test can be conducted. Time synchronization is maintained by server as well android device. At the end of the test time, all answers are automatically collected, and individual scores get recorded in the back-end system.

## **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) Android 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) Android 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.



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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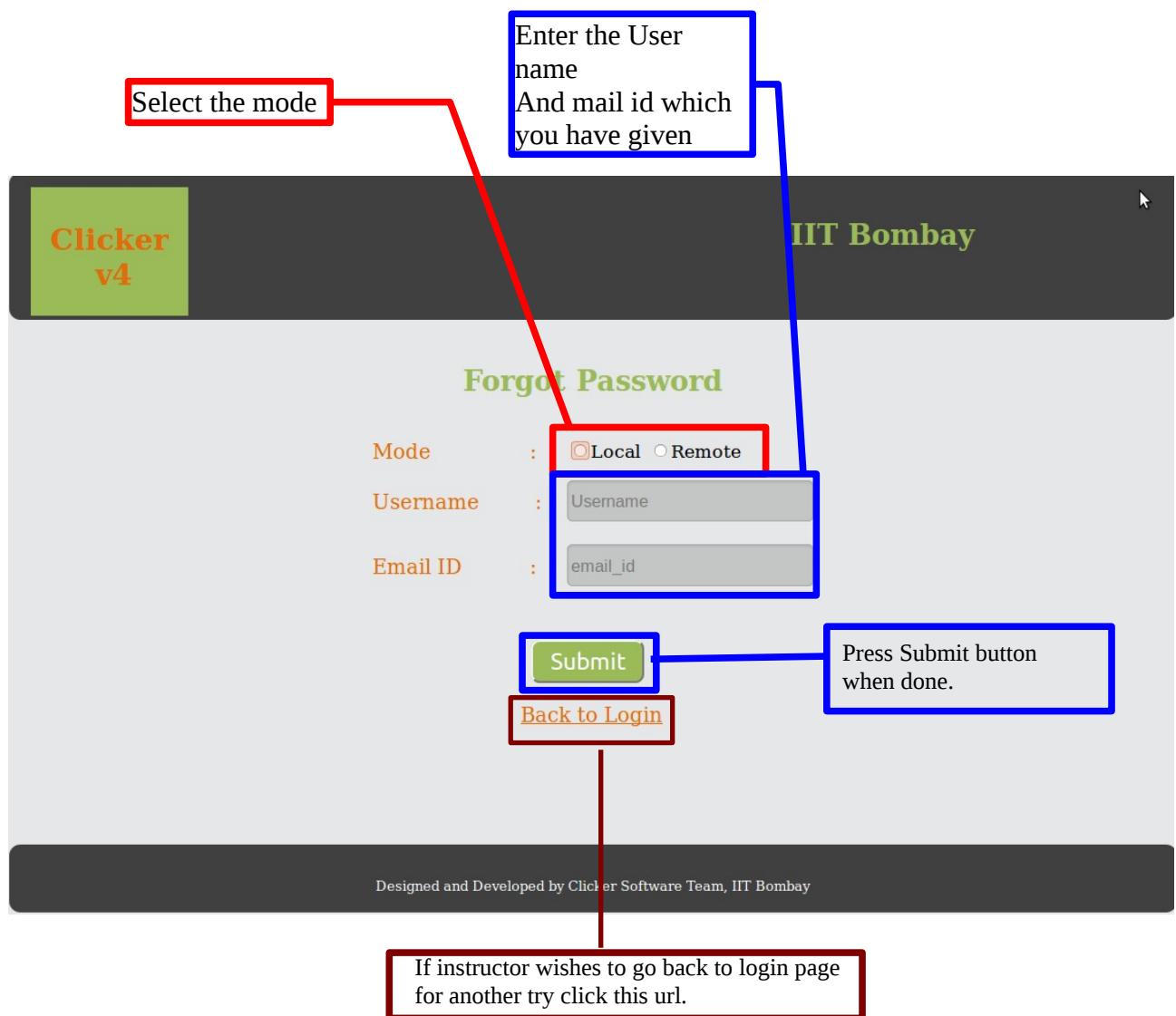
This is how the Forgot Password page looks like.

Step 1: Select the mode

Step 2: Enter the User Name

Step 3: Fill the mail id you have given

Step 4: Your password has been reset and new password will be sent to your mail



After successfully changing the new password instructor will be automatically redirected to Login Page .



Clicker  
v4

IIT Bombay

Username: dbp

Password:

Forgot password?

»

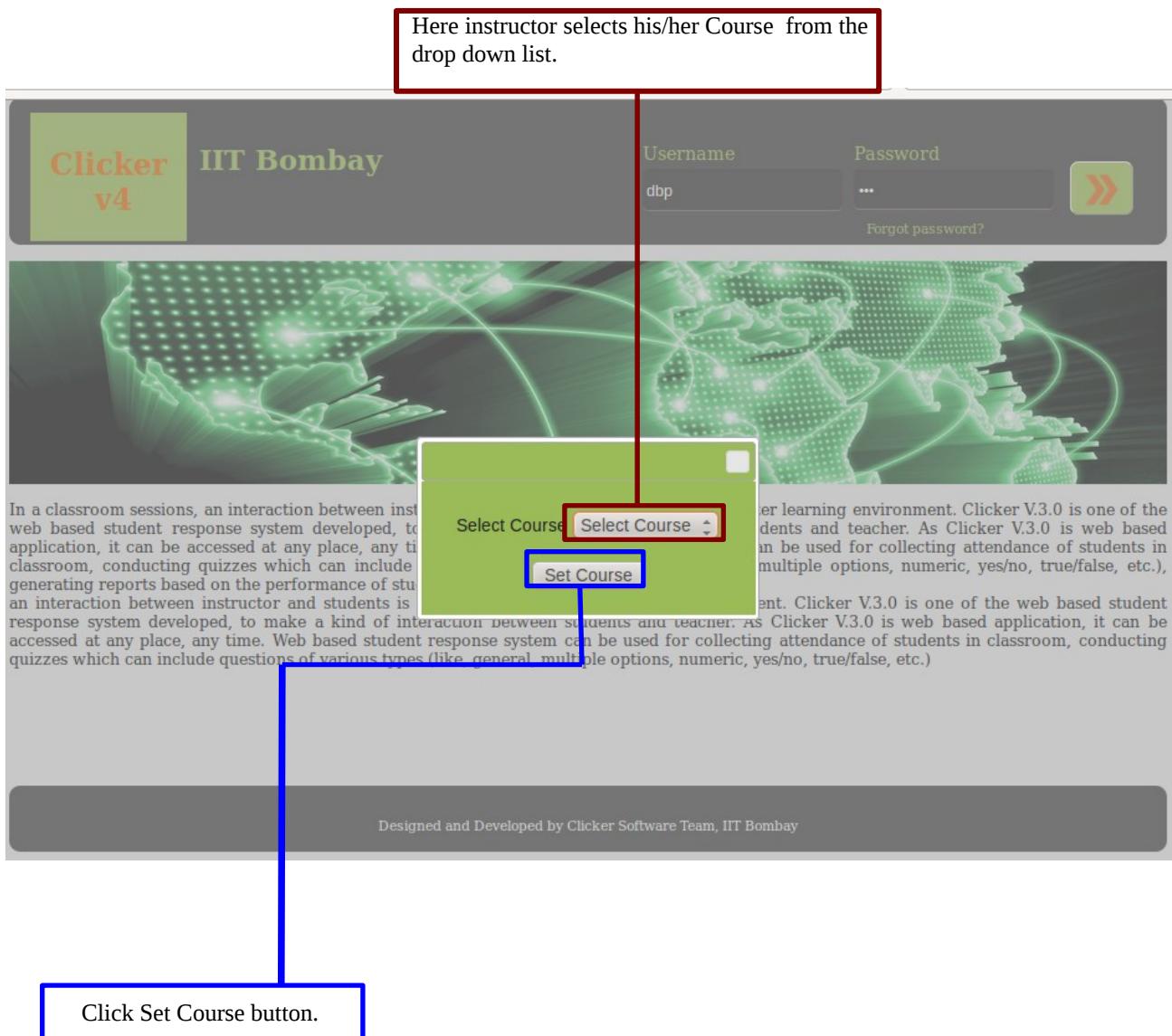
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## **Course selection**

After logging, the 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 on server.

Instructor Details i.e ID, Department ID and course ID

Menu bar

Logout button

Inactive button

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

CLICKER  
Student Response System

Quiz Poll Raise hand Report Admin

Welcome

Pending raise hand

Attendance

Quizzes

Performance

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Now Course is active

ACTIVE

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

CLICKER  
Student Response System

Quiz Poll Raise hand Report Admin

IIT BOMBAY

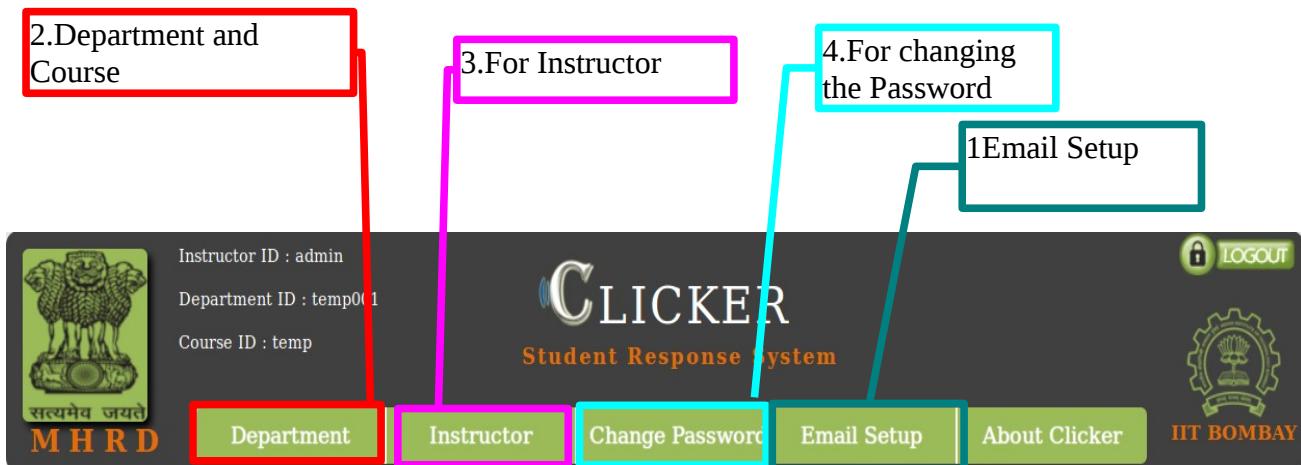
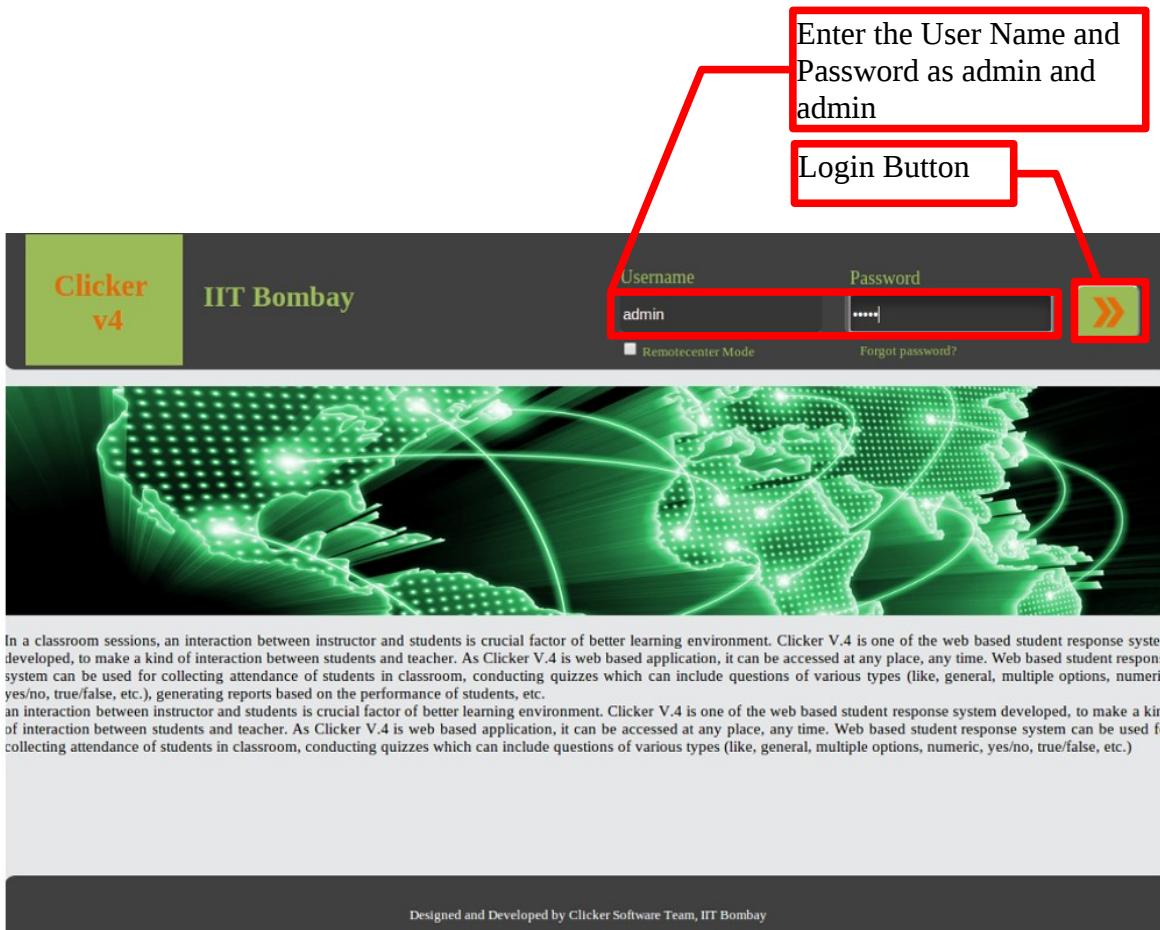
# **ADMIN**

## Overview of Admin

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

Steps for Admin user

Step 1: Login as admin user, the default user name and password as Admin and admin



## Institute:

once Admin logged in ,admin wants to add the institute details,after admin enter the institute details than only admin can do other stuffs.

Enter Institute details i.e name and address

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

CLICKER  
Student Response System

LOGOUT

IIT BOMBAY

Add Institute

Institute Name: IIT-Bombay

Institute Address: Mumbai

Submit

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## 1.Email Set-Up

When user forgets his/her login password, Admin sends him/her a temporary password from a gmail account. For that Admin has to **create one new Gmail account**.

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

CLICKER  
Student Response System

LOGOUT

IIT BOMBAY

Department Instructor Change Password Email Setup About Clicker

Set up your Email System

Note : For this set-up admin has to create Gmail Id for particular institute and should maintain it and later on hand over to next admin.

Imp Note : If Clicker server is configured within firewall, Please make sure port 587 is open in your firewall.  
(Contact your System Administrator)

Gmail ID : abc@gmail.com

Password : ...

Submit

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Click Submit button to set up email system.

Here admin has to enter Gmail Id of new Gmail account which he/she created for institute and Password.

If admin is setting email system for first time then he/ she will get redirected to above page. Otherwise, if Admin has already set up one email system then after clicking email setup button from menu he/she will get redirected to **Update Email** page.

## Email Update

If Admin wants to update (change) the gmail id or password he created for sending temporary password to user through mail, then here he/she can change that.

The screenshot shows the Clicker Student Response System interface. At the top, there are logos for MHRD and IIT Bombay, along with user information: Instructor ID : admin, Department ID : temp001, and Course ID : temp. The main title is 'CLICKER' with 'Student Response System' below it. A navigation bar includes links for Department, Instructor, Change Password, Email Setup, and About Clicker. On the right, there is a 'LOGOUT' link and the IIT Bombay logo. The central content area is titled 'Update your Email System'. It contains fields for 'Gmail ID' (Username and password) and an 'Update' button. A note at the bottom says 'Note : Here you can update the email address and password.' A blue box labeled 'Click to update.' points to the 'Update' button. A red box labeled 'Here updated Gmail Id and the password' points to the 'Gmail ID' input fields. The footer states 'Designed and Developed by Clicker Software Team, IIT Bombay'.

## 2. Department And Course

1. Click to add department

2. Click here to Delete the Department

Click to Edit the Details

Enter the Department ID for Search

Click to search the Department

1. Click to add the department

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

Click here to add the department

Click here to close the window

## Course:

Step 1:Select the Department

Step 2.Add Course

Delete course

Edit Course

List of course will be displayed for the selected department

Enter the course Detail i.e id,name,Description

Click to add

The screenshot shows the Clicker Student Response System interface. At the top, there is a header with the Indian National Emblem, MHRD logo, and text: Instructor ID : admin, Department ID : temp001, and Course ID : temp. Below the header, there are tabs for Department, Instructor, Change Password, and About Clicker. The Department tab is active, showing a table titled 'Department' with columns: Department ID, Department Name, and HOD. It contains two rows: DEPT001 (CS, DBP) and temp001 (temporary Dept, Clicker team). To the right of this table is another table titled 'Course' with columns: Course ID and Course Name, showing one row: CSE101 (C). A pink box highlights the 'Course' table. A blue box highlights the 'Department' table. A red box highlights the 'Edit Course' button in the top right corner. A pink box labeled 'List of course will be displayed for the selected department' points to the 'Course' table. A blue box labeled 'Enter the course Detail i.e id,name,Description' points to the 'Add New Course' dialog box. A blue box labeled 'Click to add' points to the 'Add' button in the 'Add New Course' dialog. A blue box labeled 'Step 1:Select the Department' points to the 'Department' tab. A blue box labeled 'Step 2.Add Course' points to the 'Add New Course' dialog. A red box labeled 'Delete course' points to the 'Delete course' button in the top right corner. A cyan box labeled 'Edit Course' points to the 'Edit Course' button in the top right corner.

### 3:Instructor

1.Add

2.Delete

3.Edit

Enter the instructor id

Click to search the instructor

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

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

Click to add the instructor

Select the privilege ie instructor ,Principal,HOD and Admin

After creating the instructor the admin work is over.Then only the instructor can add student and conduct quiz.

After logging in as instructor the home page like this:

For adding the student, click on Admin -> Student

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

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

**CLICKER**  
Student Response System

M H R D

Logout

INACTIVE

IIT BOMBAY

Welcome

Pending raise hand

Attendance

Quizzes

Performance

Student

Change Password

About Clicker

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## Student Page

In this page you can add the student and assign the course for the student.

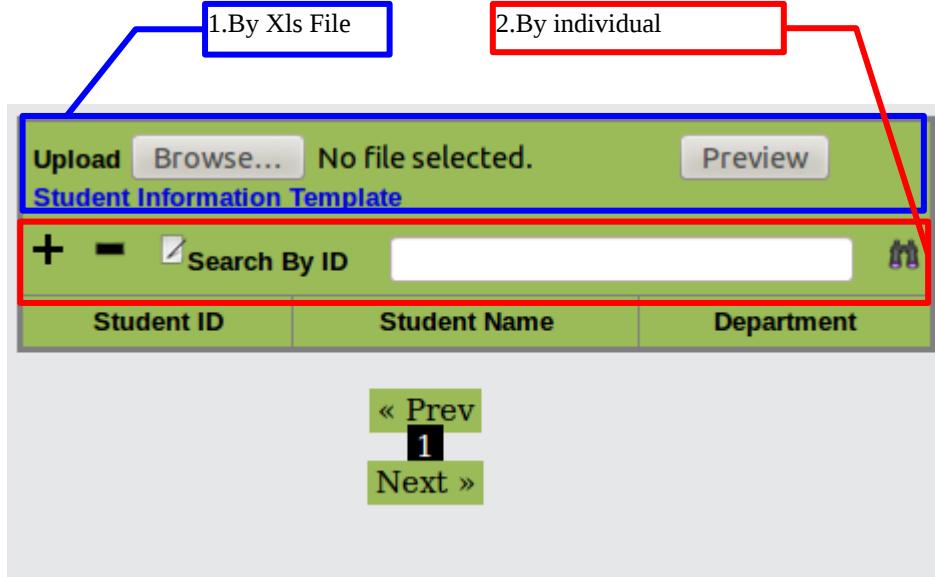
The screenshot shows the Clicker Student Response System interface. At the top, there is a header bar with the MHRD logo, Instructor ID: dbp, Department ID: DEPT001, Course ID: CSE101, and the Clicker logo. On the right side of the header are links for LOGOUT, INACTIVE, and IIT BOMBAY. Below the header, 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 border. It contains a form for uploading a student information template. The form includes fields for 'Upload' (with 'Browse...' button), 'No file selected.', 'Preview' button, and a 'Student Information Template' link. Below this is a search bar labeled 'Search By ID' with a dropdown arrow and a text input field. A table below the search bar has columns for 'Student ID', 'Student Name', and 'Department'. Navigation arrows '« Prev', '1', and 'Next »' are at the bottom of this table.
- 2. Assigning course for the student:** This section is highlighted with a red border. It contains a form for assigning courses. The form includes a radio button for 'Individual' (selected) and a text input field with a 'Submit' button. There is also a radio button for 'Group (by XLS)' and a 'Browse...' button with 'No file selected.' message. Below this is a 'Student Course Template' link and a 'Preview' button.

## **Adding the Student:**

you can add the student in two ways:

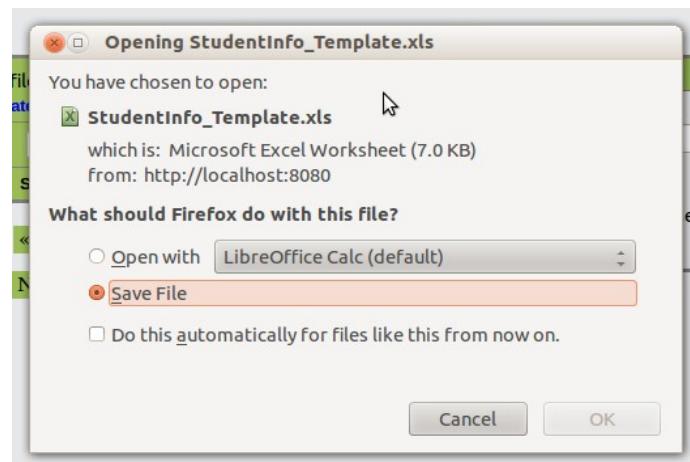
- 1.By Xls file and
- 2.By individual



- 1.By Xls file



download the xls file template and save it in local drive.

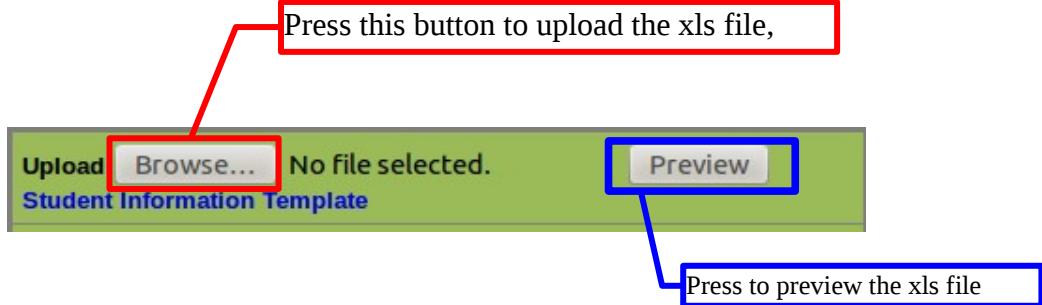


you need to fill the details in the xls file.

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 you need to upload the file in the server by pressing the browser button and you can see the Preview of your file by pressing the preview button.



The preview page will look like this. In the preview page, a new student information can also be added by clicking on “Add Student Information” button.

Student Information added in the xlx file, if there is any error in the xls file it will display here

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

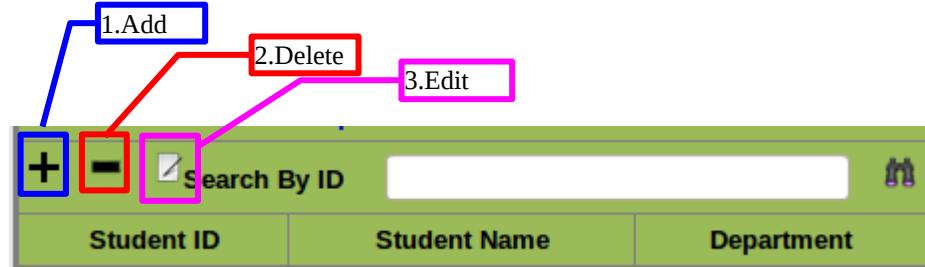
After preview the xls file press this button to add the student in the database

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 »

## 2.By Individual



### Add

The screenshot shows a modal dialog titled 'Add New Student'. It 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: (empty)

A red box highlights the entire form area. A red arrow points from the 'Add' button at the bottom left to a callout box that says: 'Fill all the student details, in this Mac Address field is optional one'.

**After entering all the details Press the Add button to add the details in the database**

### Delete :

The screenshot shows a table titled 'Student Information Template' with the following data:

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

A red box highlights the row for Student ID 102. A blue box highlights the 'Delete' icon in the toolbar above the table. A blue arrow points from the 'Delete' icon to a callout box that says: 'Step 1.Select the student wnats to delete'.

**Step 2.Press this icon for deleting the student**

## Edit:

Step 1:Select the student or Double click the student

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

	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 open. In this page course can be assigned, removed even the mac address can also be removed.

Student ID	102
Student Name	student102
Roll No	102
Year Of Joining	2014
T A	No
Department ID	DEPT001
Email ID	Student102@cse.iitb.ac.in
Course	CSE101
Mac Address	<input type="text"/> <input type="button" value="Remove"/>

This is for assigning and removing course for the student

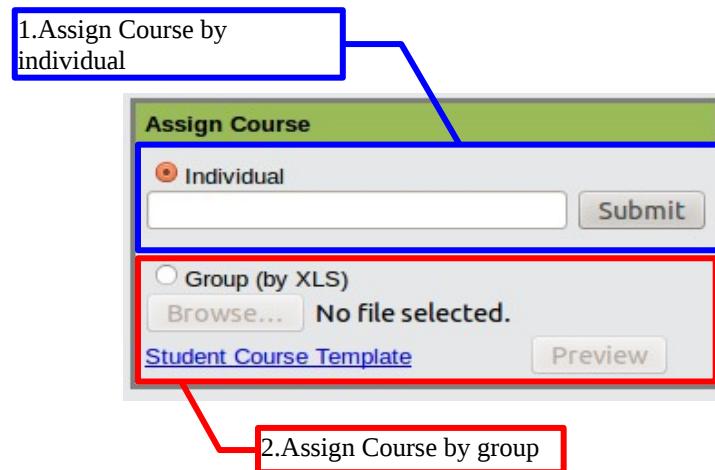
Press to remove the mac address

Press to delete this student record

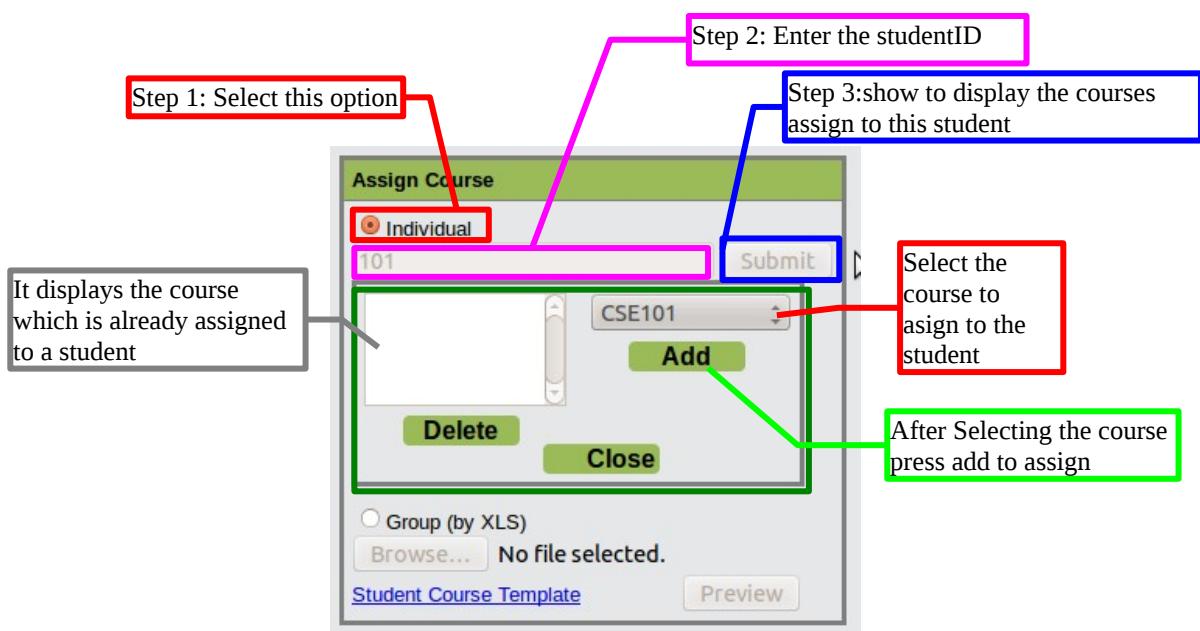
After altering id,name,mailid roll no you need to press update

## Assign Course:

Course can be assigned by two ways: i) by individual and ii) by group



1:By Individual



## 2:By Group

**Assign Course**

Individual

Group (by XLS)  No file selected.

[Student Course Template](#)

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 preview to view the details entered.

Fields in xls file

Student Course

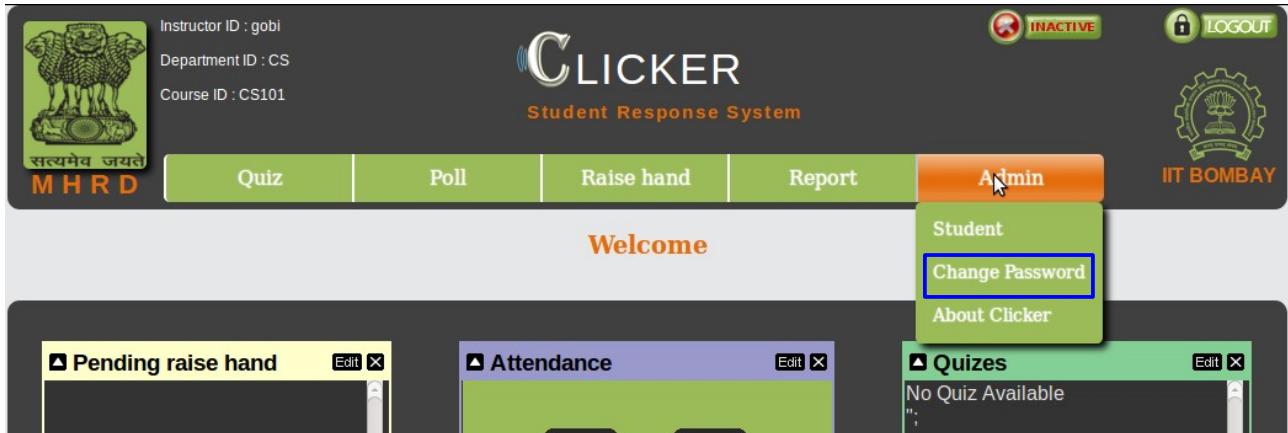
Student ID	CourseYear	Semester	Course ID
101	2014	1	CSE101
102	2014	1	CSE101
103	2014	1	CSE101
104	2014	1	CSE101
105	2014	1	CSE101
106	2014	1	CSE101
107	2014	1	CSE101
108	2014	1	CSE101
109	2014	1	CSE101
110	2014	1	CSE101

Add Student Information Cancel

Press to add the course in the database

## Change Password

If user wishes to change the password he/she can go to Admin tab in that select “Change Password” option.



On Change Password page user has to fill up all his/her information like, current password, new password , confirm password and click on the submit button.

The screenshot shows the Clicker interface with the following details:

- Top left: MHRD logo and text: Instructor ID : gobi, Department ID : CS, Course ID : CS101.
- Top center: Clicker logo and text: Student Response System.
- Top right: INACTIVE status, LOGOUT button, IIT BOMBAY logo.
- Menu bar: Quiz, Poll, Raise hand, Report, Admin.
- Content area: Change Password form with fields for Username, Current Password, New Password, and Confirm Password. The Submit button is highlighted.

Below the form, a footer note says: Designed and Developed by Clicker Software Team, IIT Bombay.

## **DASHBOARD**

## Overview of Clicker Dashboard

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.

The screenshot shows the Clicker Student Response System dashboard. At the top, there is a header with the Indian emblem, Instructor ID: dbp, Department ID: CSE, Course ID: CSE101, and a MHRD logo. On the right side, there are buttons for LOGOUT, INACTIVE (with a lock icon), and IIT BOMBAY. Below the header, a welcome message "Welcome" is displayed. The dashboard is divided into several sections:

- Pending raise hand:** Shows two student IDs: 3 and 1.
- Attendance:** Shows 0 OF 5.
- Quizzes:** Lists quizzes: DemoQuiz, testt, test quiz, and binQuiz.
- Performance:** A line graph titled "Student Performance" showing student scores over time. The x-axis has points labeled "Date of birth", "t month", "t month + 1", and "1st year". The y-axis ranges from 0 to 100. The graph shows a peak at "Date of birth" (~90), a dip at "t month" (~10), a peak at "t month + 1" (~90), and a dip at "1st year" (~10).

Annotations with red boxes and arrows point to specific features:

- An annotation points to the "Pending raise hand" section with the text: "You can see the Student ID those who are send their doubts in RaiseHand which are pending".
- An annotation points to the "Attendance" section with the text: "In this you can see the summary of the Attendance (i.e No of student Present of total no of student)".
- An annotation points to the "Performance" graph with the text: "This Line Graph Shows the Student Performance in the all quiz in this course".
- An annotation points to the "Quizzes" section with the text: "In this the Instructor see the quiz and directly conduct the quiz (i.e when the quiz is conducted)".

At the bottom of the dashboard, it says "Designed & Developed by Clicker Software Team, IIT Bombay".

## Pending Raise Hand

By using this feature the instructor can view the list of Student Id's who have 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: I want to see the doubt of the Student id 3 , press the student id 3**

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 : gobi, Department ID : CSE, Course ID : CSE101. On the right side of the header are buttons for INACTIVE, LOGOUT, and IIT BOMBAY logo. Below the header, the text "Welcome" is displayed. The main content area contains four cards: "Pending raise hand" (containing the number 1), "Attendance" (showing 0 OF 4), "Quizzes" (listing "test", "test", and "G.K"), and "Performance" (a line graph titled "Student Performance" showing three data points at different time intervals). A red box highlights the number 1 in the Pending raise hand card, and a red arrow points from the text "Step 1: I want to see the doubt of the Student id 3 , press the student id 3" to this highlighted area.

Instructor ID : gobi  
Department ID : CSE  
Course ID : CSE101

CLICKER  
Student Response System

INACTIVE LOGOUT

MHRD IIT BOMBAY

Welcome

Pending raise hand

Attendance

Quizzes

Performance

Student Performance

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**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.

The screenshot shows the Clicker Student Response System interface. At the top, there is a banner with the Indian emblem, MHRD logo, and text: Instructor ID : gobi, Department ID : CSE, Course ID : CSE101. The main menu includes Quiz, Poll, Raise hand (with a count of 1), Report, Admin, ACTIVE status, LOGOUT button, and IIT BOMBAY logo. On the left, there is a sidebar with a Pending raise hand section containing two items (1 and 2). The central part of the screen displays a modal window titled 'RaiseHand' for Student ID 1. The modal contains fields for Course ID (CSE101), Time Stamp (2014-09-22 11:25:52.0), and Query (what is addressing?). The bottom of the modal shows a graph with three points connected by lines, with labels '1 month', '5 month', and '3 year' below the x-axis. A red box highlights the text 'Step 2: Pending Raise Hand Details for the Student ID 1'. A red line connects this box to the 'Raise hand' button in the main menu. Another red box highlights the 'X' close button in the top right corner of the modal. A green box highlights the 'Time Stamp' field in the modal. A green line connects this box to the text 'time at which the doubt was raised.' in a green-bordered box at the bottom left. A green box highlights the 'Query' field in the modal. A green line connects this box to the text 'Here the student doubt is displayed.' in a green-bordered box at the bottom right. A red box highlights the 'Press this button to close' text in the top right corner of the modal.

**Step 2: Pending Raise Hand Details for the Student ID 1**

Press this button to close

time at which the doubt was raised.

Here the student doubt is displayed.

## Attendance

This feature displays the attendance for the course. It will show the number of student's present and total number of student of 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 red box labeled "This is Attendance Summary." Below the header, there are three main sections: "Number of students present" (highlighted with a red box), "Attendance" (highlighted with a red box), and "Total Number of students" (highlighted with a pink box). The "Attendance" section displays the values "0" and "OF" followed by "5". The "Number of students present" section shows "3" and "1". The "Total Number of students" section shows "5". The interface also includes sections for "Pending raise hand" (with values 3 and 1), "Quizzes" (with quizzes like DemoQuiz, testt, test quiz, and hinQuiz), and "Performance" (with a line graph titled "Student Performance"). The Clicker logo and "Student Response System" text are visible in the center. The bottom of the screen has a footer bar with the text "Designed & Developed by Clicker Software Team, IIT Bombay".

**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 student absent

Number of students present

Present : 2

Student ID	Student Name
2	ganesh
1	Gobinath Mani

Absent : 2

Student ID	Student Name
3	raj
4	ram

Pending raise hand

1

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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 Indian Emblem, MHRD logo, and IIT Bombay logo. The header also displays the Instructor ID: dbp, Department ID: CSE, and Course ID: CSE101. On the right side of the header are 'INACTIVE' status indicator, a lock icon, and a 'LOGOUT' button. Below the header, a 'Welcome' message is displayed. The main content area contains four cards: 'Pending raise hand' (with values 3 and 1), 'Attendance' (with values 0 OF 5), 'Quizzes' (listing 'DemoQuiz', 'testt', 'test quiz', and 'hinQuiz'), and 'Performance' (a line graph showing student performance over time). A red box highlights the 'Quizzes' card, and a red line points from this box to a callout bubble at the bottom left. The callout bubble 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.

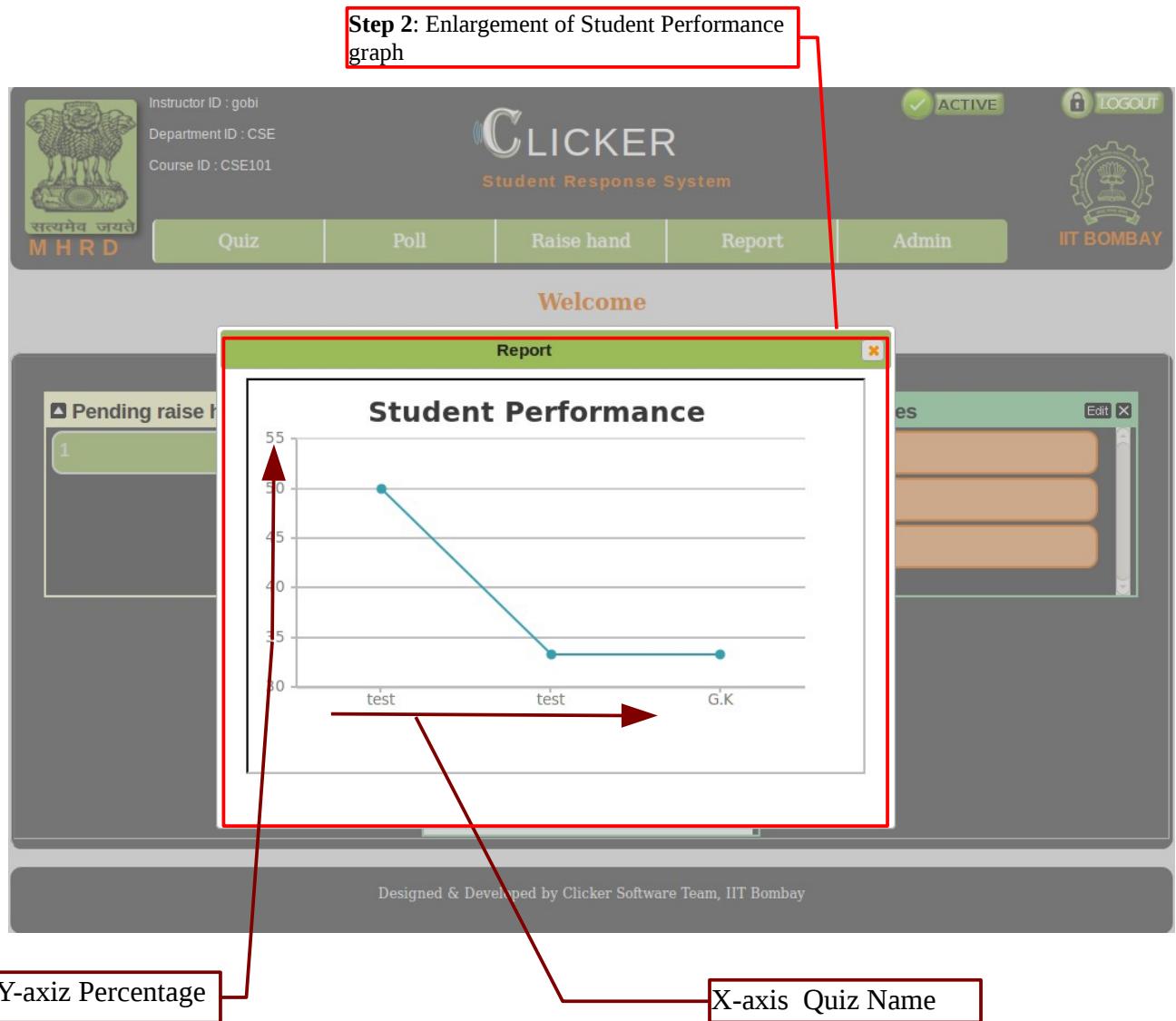
The screenshot shows the Clicker Student Response System interface. At the top, there are navigation links: Quiz, Poll, Raise hand, Report, Admin, and a Logout button. On the left, there's a logo for MHRD and the Indian emblem. The main area displays several cards:

- Pending raise hand:** Shows 3 pending responses.
- Attendance:** Shows 0 students present out of 5.
- Quizzes:** Lists quizzes: DemoQuiz, testt, test quiz, and bigQuiz.
- Performance:** A card titled "Student Performance" containing a line graph. The graph has four data points corresponding to the quizzes listed above. The x-axis labels are "DemoQuiz", "testt", "test quiz", and "bigQuiz". The y-axis represents percentage, though no numerical values are shown on the axis itself.

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

Student Performance in line graph. To see this in detail double click this graph.

Following screen-shot displays the student performance 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 Indian National Emblem, MHRD logo, Instructor ID: admin, Department ID: temp001, Course ID: temp, and IIT Bombay logo. The header also includes links for INACTIVE, LOGOUT, Poll, Raise hand, Report, Admin, and a gear icon. Below the header, a red box highlights the "Quiz" button, which has a dropdown menu with three options: Create quiz, Conduct quiz, and Instant quiz. The main content area displays four cards: Pending raise hand, Attendance (0 OF 0), Quizzes (No Quiz Available), and Performance (Student Performance). The bottom of the screen features a footer bar with the text "Designed & Developed by Clicker Software Team, IIT Bombay".

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

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

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, user information (Instructor ID: admin, Department ID: temp001, Course ID: temp), and navigation links for Quiz, Poll, Raise hand, Report, Admin, and IIT BOMBAY. Below the header is a green bar with 'Add Questions' and a close button. The main area has a title 'Single choice question' and a text input field 'Enter your question here...'. Below it are four options labeled A, B, C, and D, each with a radio button and a red 'X' icon. There are also 'Credits:' and 'Negative Marks:' fields, a 'No Shuffling' checkbox, and a 'Submit' button. A large green box surrounds the question and options area. Below this is a grey footer bar with the text 'Designed & Developed by Clicker Software Team, IIT Bombay'. To the left of the main form, a red box highlights the 'Select the Type of Question you want to add.' instruction. To the right, several callout boxes with colored borders provide instructions for the various fields and buttons:

- 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.

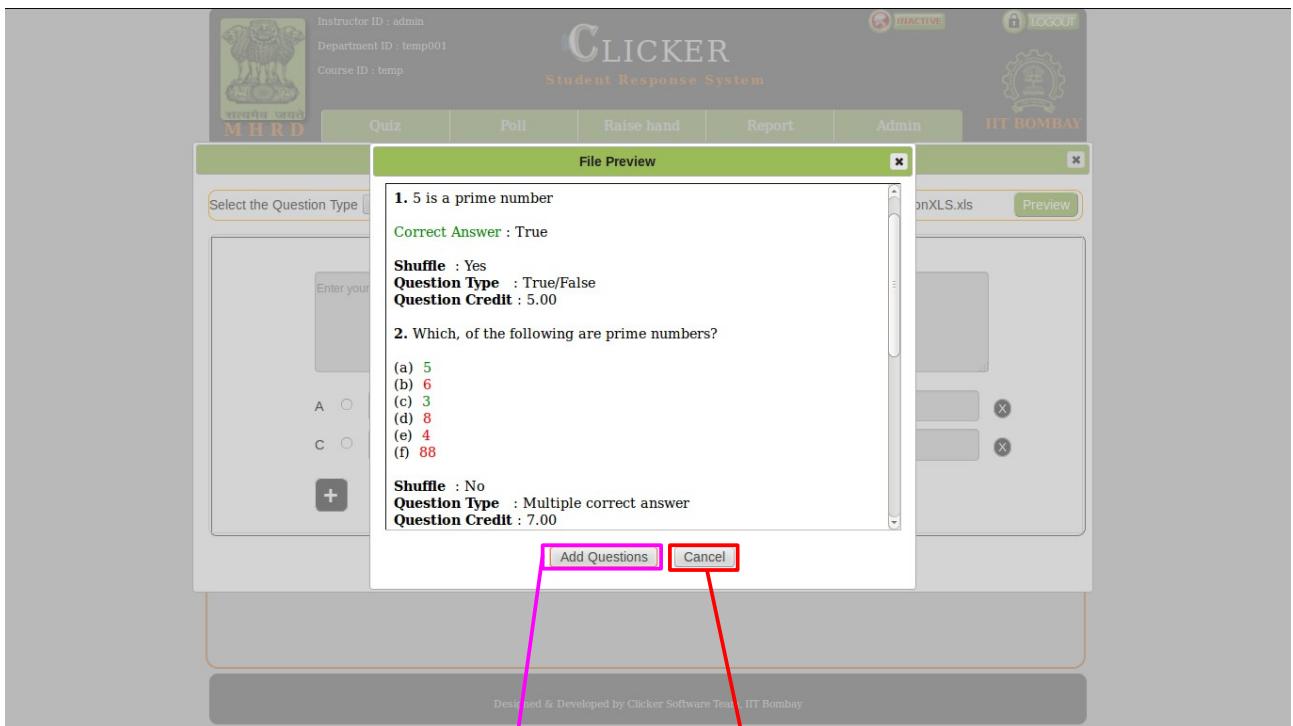
## Add Questions from the XLS file

Click to download the question template to add the questions in the Question Bank

Click on "Browse" to select the XLS file that contains the questions to be added

Click on "Preview" to view the questions in the XLS file

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	f4v Σ =				
A	B	C	D	E	F
QUESTION	QUESTION TYPE(g-Single choice)	Credit Value	Shuffle: (a) Shuffle, (u) Unshuffle, (r) Randomize	Enter Correct Answer in alphabet	Option 1
1					Option 2
2					Option 3
3					Option 4
4					Option 5
5					Option 6
6					
7					
8					
9					
10					
11					
12					
13					
14					
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18					
19					
20					
21					
22					
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31					
32					

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-Singl	Credit Valu	Shuffle(1:	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	0	ac	5	6	3	8	4	
4	which is OOP language	g	6	1	d	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.

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

**CLICKER**  
Student Response System

ACTIVE LOGOUT

**Question Bank**

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

Search

**Questions**

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

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

**CLICKER**  
Student Response System

INACTIVE LOGOUT IIT BOMBAY

Quiz Poll Raise hand Report Admin IIT BOMBAY

**Edit Question**

**Numeric Question**

5 + 6

Answer : 11

Credits: 1.0 Negative Marks: 1.0 **Save**

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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.

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

**CLICKER**  
Student Response System

INACTIVE LOGOUT 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

Search **Add Question** **Create Quiz** **Delete Quiz**

**Questions**

- ▶ 5 + 6
- ▶ which is OOP language
  - A. javascript
  - B. C
  - C. pascal
  - D. Java

Credits: 6.0  
Options Shuffling: Yes  
Question in Quizzes: 1
- ▶ Which, of the following are prime numbers?
- ▶ 5 is a prime number

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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.

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 "INACTIVE" (with a gear icon) and "LOGOUT". Below the header, there are navigation tabs: "Quiz", "Poll", "Raise hand", "Report", and "Admin". The "Admin" tab is currently selected. On the far right, there is a logo for "IIT BOMBAY".

The main content area is titled "Question Bank". It features a search bar and a dropdown menu labeled "Select the Question Type" with options "All Questions", "Show All Questions by other Instructors in temp", and "Show Archived". There is also a "Search" input field and buttons for "Add Question", "Create Quiz", and "Delete Quiz".

A modal dialog box is centered over the page, asking "Are you sure, you want to delete this question." It has "Cancel" and "OK" buttons. Behind the dialog, a list of questions is visible, each with edit and delete icons. One question is highlighted: "which is OOP language".

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

#### 4. View Archived Questions

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

This screenshot shows the same Clicker interface as the previous one, but with a red box highlighting the "Show Archived" option in the "Select the Question Type" dropdown menu. The dropdown menu also includes "All Questions" and "Show All Questions by other Instructors in temp".

The rest of the interface is identical to the first screenshot, including the header, navigation tabs, and the list of questions in the "Question Bank" section. The question "which is OOP language" is still highlighted.

At the bottom, the footer bar reads "Designed & Developed by Clicker Software Team, IIT Bombay".

## 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 banner with the Indian Government's emblem, the text "Instructor ID : admin", "Department ID : temp001", and "Course ID : temp". To the right of the banner are buttons for "ACTIVE" (with a checkmark), "LOGOUT", and the IIT Bombay logo. Below the banner, the Clicker logo and "Student Response System" text are displayed. A navigation bar at the top includes "Quiz", "Poll", "Raise hand", "Report", and "Admin" buttons. The "Admin" button is highlighted with a red box. The main content area is titled "Question Bank". It features a search bar with the placeholder "Search" and a dropdown menu set to "All Questions". Below the search bar are two checkboxes: "Show All Questions by other Instructors in temp" and "Show Archived". There are also three buttons: "Add Question" (green), "Create Quiz" (orange), and "Delete Quiz" (orange). The main content area is titled "Questions" and contains a list of questions. One question is visible: "Which, of the following are prime numbers?". To the right of this question are edit and delete icons. At the bottom of the page, a footer bar states "Designed & Developed by Clicker Software Team, IIT Bombay". A red box highlights the search bar in the "Question Bank" section.

## Quiz

## 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 'CLICKER STUDENT RESPONSE SYSTEM'. The main area is titled 'Question Bank'. It features a dropdown menu 'Select the Question Type' set to 'All Questions', a search bar, and three buttons: 'Add Question', 'Create Quiz' (which is highlighted with a red box), and 'Delete Quiz'. Below these buttons is a section titled 'Questions' containing four question items, each with edit and delete icons. At the bottom of the page is a footer bar with 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 you want to add in the Quiz

The screenshot shows the Clicker Student Response System interface. At the top, there's a header with the Indian Emblem, MHRD logo, and user information: Instructor ID: admin, Department ID: temp001, Course ID: temp. To the right are buttons for INACTIVE (with a gear icon), LOGOUT (with a lock icon), and IIT BOMBAY (with a gear icon). Below the header, there are navigation tabs: Quiz, Poll, Raise hand, Report, Admin, and a green Admin button. A red box highlights the 'Cancel Quiz' button in the top right of the Question Bank area. Another red box highlights the 'Delete Quiz' button next to it. A blue box highlights the 'Add Question' button. The Question Bank section has a dropdown menu 'Select the Question Type' set to 'All Questions'. It includes checkboxes for 'Show All Questions by other Instructors in temp' and 'Show Archived'. Below this is a search bar and a 'Questions' section containing four questions with edit and delete icons. A large orange box surrounds this entire section. At the bottom, there's a form for creating a new quiz: 'Quiz name' (text input 'Test'), 'Duration' (dropdown '0 10'), and an 'Add Quiz' button. A pink box highlights the 'Quiz name' field, a green box highlights the 'Duration' field, and a blue box highlights the 'Add Quiz' button. A red box highlights the 'Delete' icons in the question list.

Enter the name for the Quiz

Enter the Duration for the Quiz

Click on “Add Quiz” to Create the Quiz

This feature is used to Delete Quiz.

Click on “Delete Quiz” to delete a Quiz

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
- Which, of the following are prime numbers?
- 5 is a prime number

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Displays the details of selected Quiz

Select the Quiz you want to delete

Displays numbers of quiz conducted with timestamp

Conducted DemoQuiz bigQuiz quiz2

Not Conducted quiz4 quiz\_3 sample test Big 5 Test4

numeric

Sr.No.	Quiz Conducted On
1	2014-10-21 14:34:04.0
2	2014-10-21 13:42:08.0

**Question 1:** The ozone layer restricts  
Option 1: Visible light  
Option 2: Infrared radiation  
Option 3: X-rays and gamma rays  
Option 4: Ultraviolet radiation

**Question 2:** Hitler party which came into power in 1933 is known as  
Option 1: Labour Party  
Option 2: Nazi Party  
Option 3: Ku-Klux-Klan  
Option 4: Democratic Party

**Question 3:** To which of the following fields Nobel prize is awarded?  
Option 1: Physics and Chemistry  
Option 2: Physiology or Medicine  
Option 3: Literature, Peace and Economics  
Option 4: All of the above

**Question 4:** Headquarters of UNO are situated at

Delete Quiz

Click to Delete the selected Quiz

## Conduction of Quiz

1. Before conducting the Quiz the course must be “*active*”. By default the course is inactive. Click the inactive button to make it active which is at top right of the menu header.

The screenshot shows the Clicker Student Response System interface. At the top right, there is a green button labeled "INACTIVE" with a red mouse cursor pointing to it. A red callout box with a black border and white text says "Press this inactive button to make quiz active". Below the header, there are several sections: "Pending raise hand" (3 pending), "Attendance" (0 OF 5), "Quizzes" (DemoQuiz, testt, test quiz, bigQuiz), and "Performance" (Student Performance chart). The "Performance" chart shows a line graph with four data points: DemoQuiz (~85%), t testt (~10%), t test quiz (~85%), and bigQuiz (~10%). The bottom of the screen has a footer bar with the text "Designed & Developed by Clicker Software Team, IIT Bombay".

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

**CLICKER**  
Student Response System

MHRD IIT BOMBAY

Quiz Poll Raise hand Report Admin

Welcome

Pending raise hand Edit □

Attendance Edit □

Quizzes Edit □

Performance Student Performance

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You can conduct the quiz by selecting the quiz in dashboard page or by selecting the quiz and conduct quiz, if you are click the quiz button in dashboard page it will directly go to conduct quiz page. If you go through menu then it will redirect to quiz page there you need to select the quiz.

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

**CLICKER**  
Student Response System

**MHRD**

**IIT BOMBAY**

**ACTIVE**

**Welcome**

**Pending raise hand**

3  
1

**Attendance**

0 OF 5

**Quizzes**

DemoQuiz  
testt  
test quiz  
binQuiz

**Performance**

Student Performance

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## Quiz Page:

This color indicates this quiz already conducted.

This color indicates quiz has yet conducted.

Conducted

Not Conducted

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This progress bar indicates the performance of the quiz in percentage

List of quiz the instructor created

By pressing the quiz the conduct quiz page will open

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

Launch quiz

It is by default checked which mean once quiz is over, correct ans will get displayed as green colour bar. If it is unchecked you can see right answer in result page ie."Chart will be displayed in RED"

This is to hide option of question if instructor want to explain question first

This show how many student have download quiz and how many out of them have responded.

This is a timer for quiz.

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

**CLICKER**  
Student Response System

ACTIVE LOGOUT

MHRD IIT BOMBAY

Quiz ID : 3  
Quiz Name : test quiz  Show Answer  Show Option Responses : 0 / 115 00 : 00

1. multiple choice answer  
2. What is part of a database that holds only one type of information?  
3. 'OS' computer abbreviation usually means ?  
4. When a foreign key column is created without a corresponding foreign key constraint, we have created a "casual relationship" between the two tables.  
5. The purpose of choke in tube light is ?

Select Time for Quiz

Minutes 2 Seconds 0  Negative Marking

Launch quiz

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By clicking launch quiz, quiz will be launched.

If checked then negative marks given for question will be consider for result

Specify Quiz Time, Default quiz time get populated, but we can alter time as per our need

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

This screenshot shows the Clicker Student Response System interface. At the top, there's a header with the Indian Tricolor logo, the text 'MHRD', 'Instructor ID : dbp', 'Department ID : CSE', 'Course ID : CSE101', and the 'CLICKER Student Response System' logo. To the right are buttons for 'ACTIVE' (green), 'LOGOUT' (grey), and the IIT Bombay logo. Below the header, there's a navigation bar with 'Quiz', 'Poll', 'Raise hand', 'Report', and 'Admin' buttons. The main area shows 'Quiz ID : 3' and 'Quiz Name : test quiz'. There are two buttons: 'Show Answer' (with a checked checkbox) and 'Quiz' (with an unchecked checkbox). A timer on the right shows '0 : 00'. The main content area contains three questions:

1. multiple choice answer
  - A. asdsd
  - B. sdasd
  - C. dsdsd
  - D. dssd
  - E. dsd
2. What is part of a database that holds only one type of information?
  - A. Report
  - B. Field
  - C. Record
  - D. File
3. 'OS' computer abbreviation usually means ?
  - A. Order of Significance

At the bottom, there's a 'Show Response' button and a footer bar with the text 'Designed and Developed by Clicker Software Team, IIT Bombay'.

Annotations with red boxes and arrows:

- An annotation points to the 'ACTIVE' button with the text "This will be disable during quiz is going on or till it end".
- An annotation points to the 'Report' button with the text "This show how many student have download quiz and how many out of them have responded."
- An annotation points to the timer with the text "This is timer for quiz".
- An annotation points to the 'Show Response' button with the text "Once timer gets over, this ‘Show Response’ button will become visible."
- An annotation points to the 'Show Option' button with the text "In this, question are showed along with their options, In case we don't want option to be shown, we can check show option button which is highlighted above."

2. This is “ Show Response” page.

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

If unchecked, then all chart will get updated and only red color bar will be shown, thus no correct answer will be shown

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

Instructor ID : dip  
Department ID : CSE  
Course ID : CSE101

**CLICKER**  
Student Response System

ACTIVE LOG OUT  
IIT BOMBAY

Quiz Poll Raise hand Report Admin

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

Show Answer

**Overall Quiz Response Chart**

Question	Right	Wrong	No Response
Q.1	1	8	0
Q.2	3	6	0
Q.3	2	7	0
Q.4	0	7	0
Q.5	0	6	0

Correct: 24.44 %  
Wrong: 75.56 %

Overall Quiz Performance

Designed and Developed by Clicker Software Team, IIT Bombay

This show question wise response for 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.

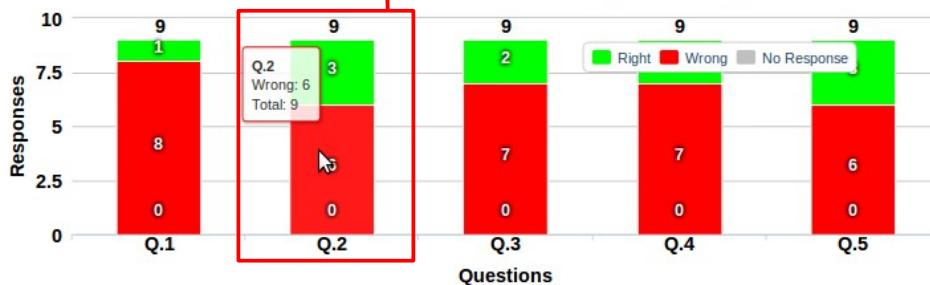
### 3. We can also view individual question and question response.

1. When you click on any particular question bar of chart eg. In this Question 2 (Q.2)

The screenshot shows the Clicker Student Response System interface. At the top, there's a header with the Indian Emblem, MHRD logo, Instructor ID: dbp, Department ID: CSE, Course ID: CSE101, and a status bar indicating 'ACTIVE'. Below the header are navigation tabs: Quiz, Poll, Raise hand, Report, and Admin. On the right, there's a logo for IIT Bombay. The main area displays the 'Overall Quiz Response Chart' for five questions (Q.1 to Q.5). The Y-axis represents 'Responses' from 0 to 10, and the X-axis represents 'Questions'. Each bar is stacked with green (Correct), red (Wrong), and grey (No Response). A tooltip for Q.2 shows: Q.2 Wrong: 6, Total: 9. The legend indicates: Right (Green), Wrong (Red), No Response (Grey).

Show Answer

Overall Quiz Response Chart



Re-conduct quiz

Correct: 24.44 %  
Wrong: 75.56 %



Overall Quiz Performance

Question : 2

What is part of a database that holds only one type of information?

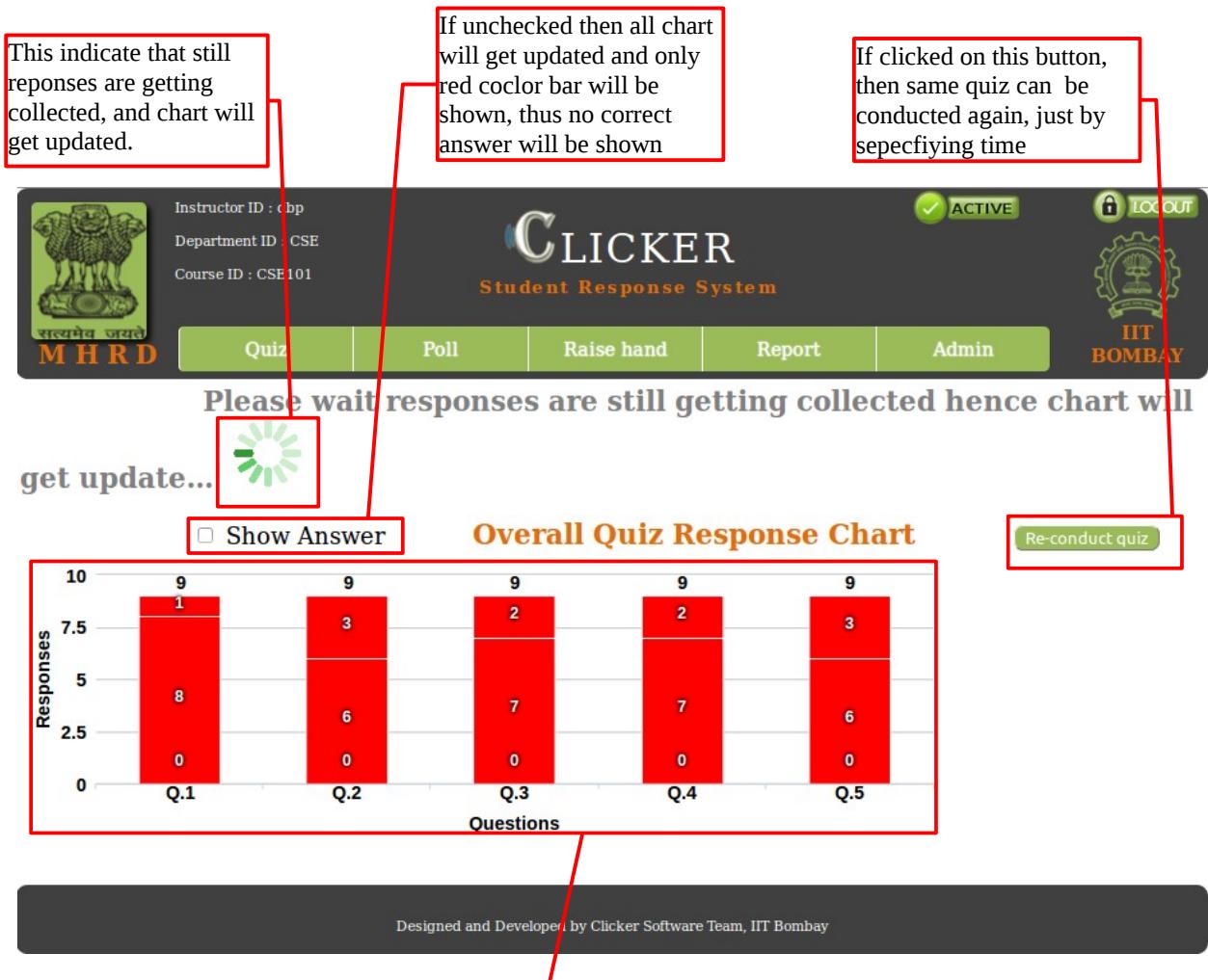
- A. Report
- B. Field
- C. Record
- D. File

Designed and Developed by Clicker Software Team, IIT Bombay

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.

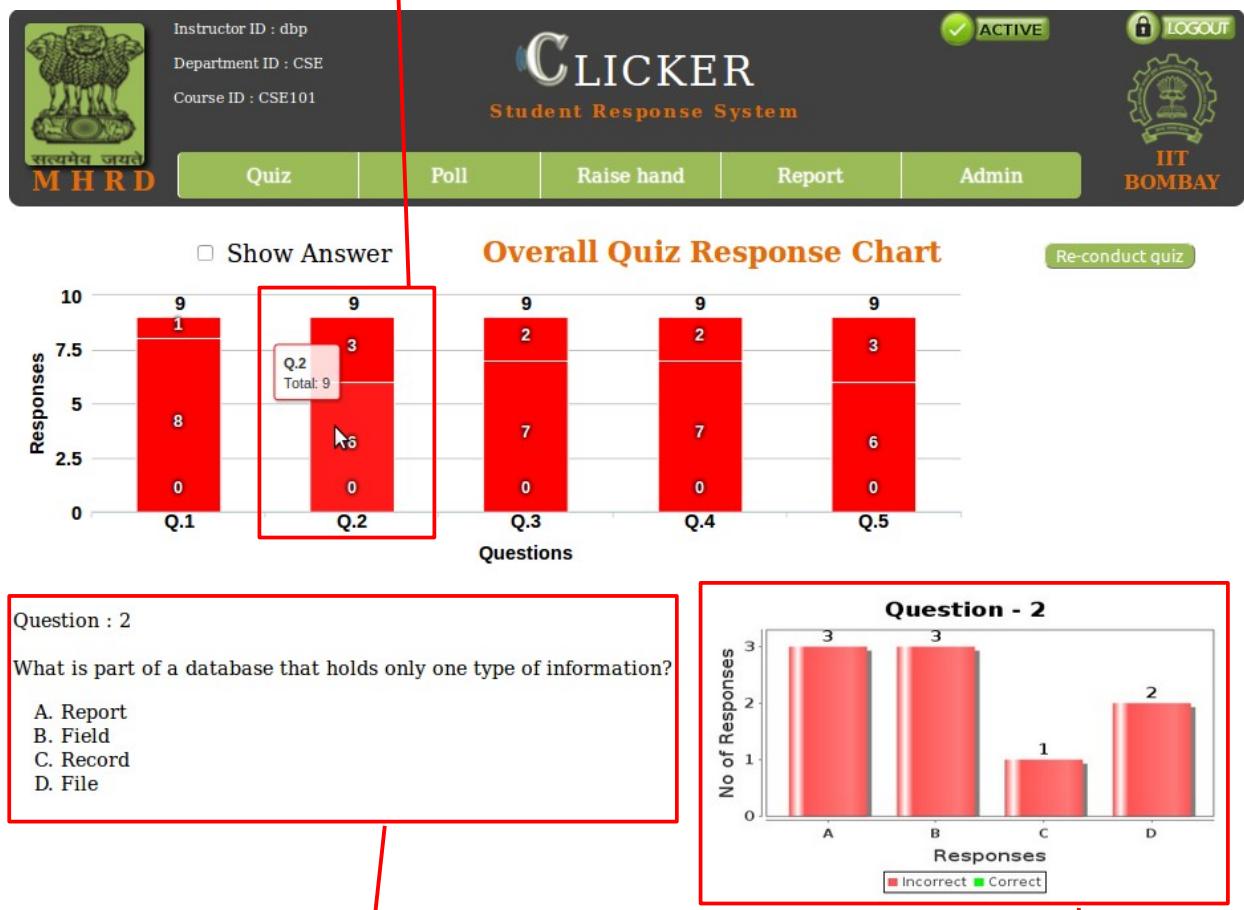
4. In case Show Answer check box is unchecked then you will not be able to see correct answer in any chart. All chart will be reloaded and it will appear in red color bar.



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

5. We can also view individual question and question response with no correct answer indication in chart as we unchecked “Show Answer”.

1. When you click on any particular question bar of chart eg. In this Question 2 (Q.2)



Question : 2

What is part of a database that holds only one type of information?

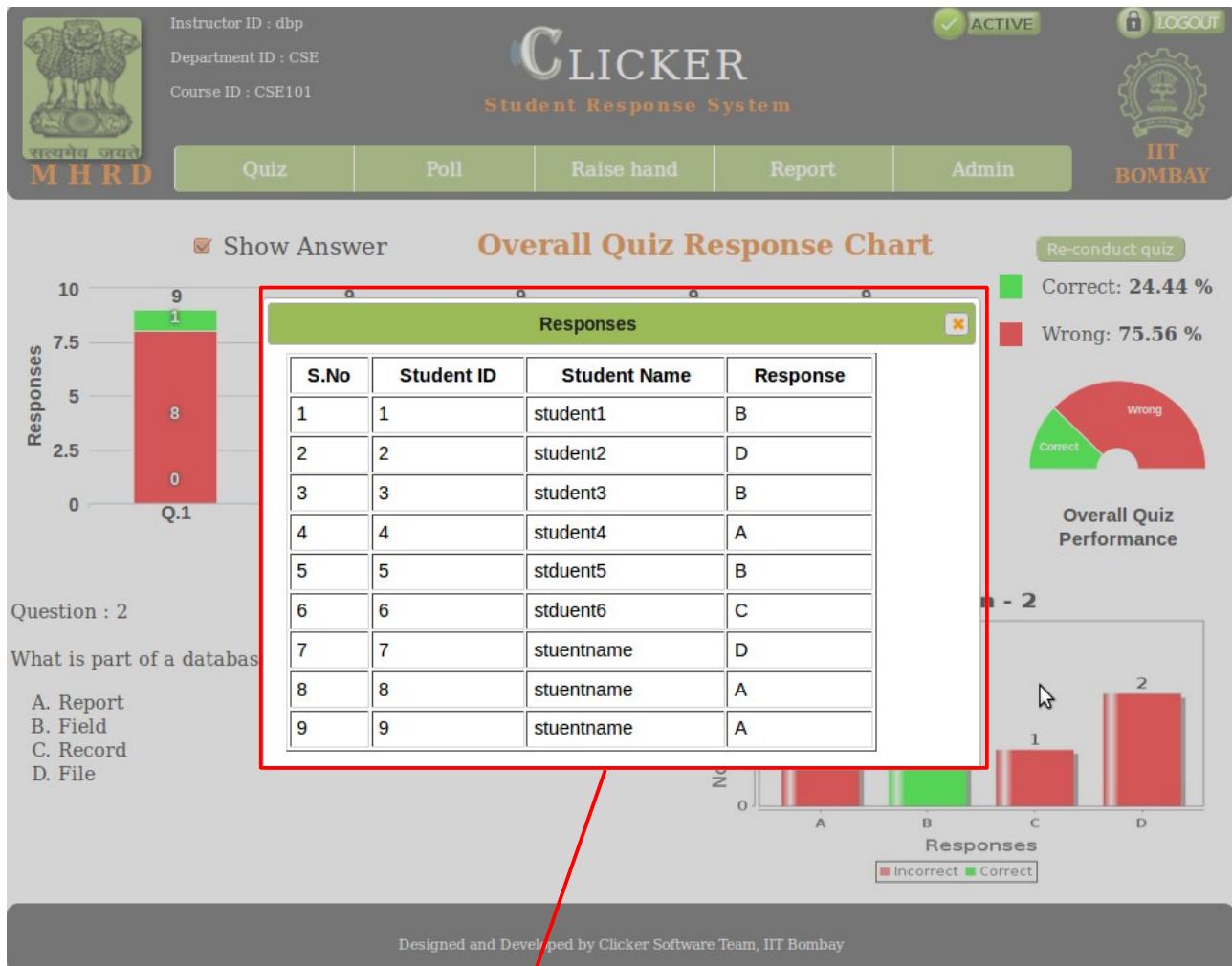
- A. Report
- B. Field
- C. Record
- D. File

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.

Designed and Developed by Clicker Software Team, IIT Bombay

6. As mentioned in above 3<sup>rd</sup> step on 2. B step/ 5<sup>th</sup> step on 2. B step, 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.



## **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”.**

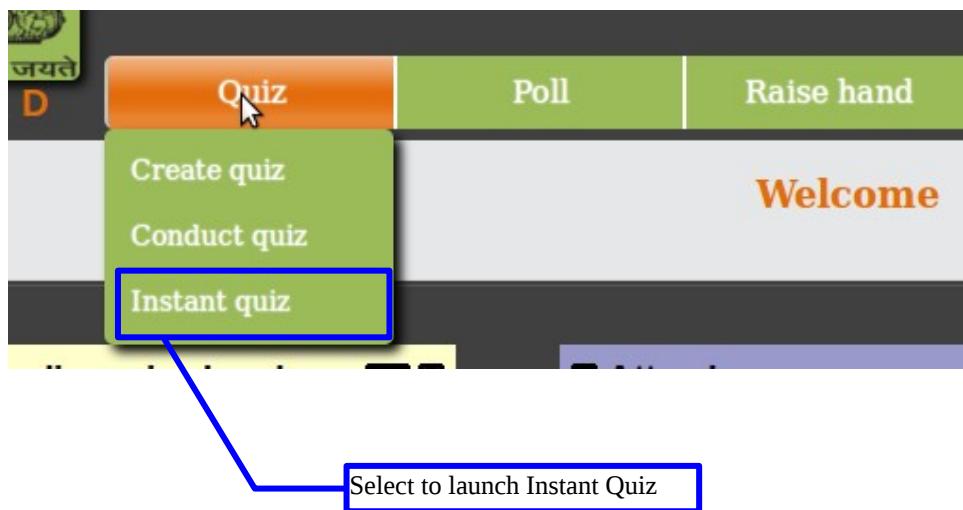
Following are the steps to launch Instant Quiz.

**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 side, there is a "LOGOUT" button and the IIT Bombay logo.

Responses : 0 / 5      Instant quiz      00 : 00

Select number of 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

Select Time for Quiz  
Minutes  Seconds   
Launch quiz

Designed & Developed by Clicker Software Team, IIT Bombay

Timer

Type of question,optionand the correctness

Once instant quiz is launched, we will see below screen

This show how many question has been launched for instant quiz

This show how many student are present and how many out of them have responded.

This is timer for quiz

The screenshot shows the Clicker Student Response System interface. At the top, it displays the instructor's ID (dbp), department ID (CSE), and course ID (CSE101). It features the MHRD logo on the left and the IIT Bombay logo on the right. A green navigation bar at the top includes links for Quiz, Poll, Raise hand, Report, and Admin. The main area is titled "Instant quiz". On the left, it shows "Responses : 0 / 5". In the center, there is a dropdown menu labeled "Select number of questions" set to 4. Below this, four questions are listed:

- Question Type: Single Choice Correct, No. of Options: 4, Correct Ans: B
- Question Type: Multiple Choice Correct, No. of Options: 5, Correct Ans: A, B, C (checkboxes checked)
- Question Type: Numeric Answer, Correct Ans: 2
- Question Type: True or False, Correct Ans: True

At the bottom, a dark footer bar reads "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 are user details: Instructor ID : dbp, Department ID : CSE, Course ID : CSE101. On the right, there are status indicators (ACTIVE with a checkmark, LOGOUT, and IIT BOMBAY logo). Below the header is a navigation bar with links for Quiz, Poll, Raise hand, Report, and Admin.

The main area is titled "Instant quiz". It displays "Responses : 0 / 5" and a timer showing "0 : 00". A dropdown menu "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 above the footer. The footer 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 that then response page will open.

Below is response page, which show 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. To the right, there are buttons for ACTIVE (with a checkmark), LOGOUT, and IIT BOMBAY. Below the header, there are navigation buttons for Quiz, Poll, Raise hand, Report, and Admin. A message box in the center says "Please wait responses are still getting collected hence chart will get update...".

**Quiz Response chart**

Questions	Responses	Right	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: Green bar = Right, Red bar = Wrong, Grey bar = No Response

**Overall Quiz Performance**

Category	Value
Correct	33.33 %
Wrong	66.67 %

Designed & Developed by Clicker Software Team, IIT Bombay

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

This pie chart shows overall quiz performance, it include total question response value and provided % wise output. Thus help in knowing % of student understood topic or not.

We can also view individual question and question response.

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

Questions	Responses	Legend
Q.1	3 (Green), 1 (Red), 0 (Grey)	Correct: 33.33 %, Wrong: 66.67 %
Q.2	3 (Red), 0 (Green), 0 (Grey)	
Q.3	2 (Green), 1 (Red), 0 (Grey)	
Q.4	3 (Green), 1 (Red), 0 (Grey)	

Overall Quiz Performance

Question : 1

Select a option from the following

A. Option 1  
B. Option 2  
C. Option 3  
D. Option 4

No of Responses

Responses

Question - 1

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.

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As mentioned in above 2. B step, that when we click on 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 Tricolor logo, Instructor ID: dbp, Department ID: CSE, Course ID: CSE101, and a gear icon for IIT Bombay. Below the header are navigation tabs: Quiz, Poll, Raise hand, Report, and Admin. A red box highlights a table titled "Responses" showing student data:

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

To the left of the table is a bar chart for Question 1, showing 3 correct responses (green) and 2 wrong responses (red). To the right is a pie chart showing overall quiz performance: 33.33% correct (green) and 66.67% wrong (red). Below the table is a bar chart for the entire quiz, showing 2 incorrect responses (red) and 0 correct responses (green).

Question : 1  
Select a option from the following:  
A. Option 1  
B. Option 2  
C. Option 3  
D. Option 4

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**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 green 'ACTIVE' status indicator. Below the header is a navigation bar with tabs: Quiz, Poll, Raise hand (which is highlighted with a red box and has a red number '2' indicating new doubts), Report, and Admin. The main content area features a 'Welcome' message and four cards: 'Pending raise hand' (listing 1, 2, 3), 'Attendance' (3 OF 5), 'Quizzes' (DemoQuiz, testt, test quiz, hisQuiz), and 'Performance' (a line graph showing student performance across four categories: Descriptiv, t test, t test, and hi gO A n). A callout box points to the 'Raise hand' button with the instructions: "click ‘Raise hand’ button on the menu to view the doubts. A continuous indication of new doubts will keep appearing in a numerical form."

## 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 Indian National Emblem, the text "सत्यमेव जयते", "M H R D", "Instructor ID : dbp", "Department ID : CSE", "Course ID : CSE101", and "IIT BOMBAY". The header also features a "CLICKER" logo and "Student Response System" text, along with "INACTIVE" and "LOGOUT" buttons. Below the header is a navigation menu with tabs for "Quiz", "Poll", "Raise hand" (which is highlighted in orange), "Report", and "Admin". A red box highlights the "Raise hand" tab, with a callout pointing to the text: "This section shows the entry of currently active doubts which were indicated on the raisehand tab." The main content area has a title "Raise hand" and a green button "View saved doubts". On the left, there are two sections: "Active RaiseHand" containing entries 3 and 2, and "Pending RaiseHand" containing entries 3, 2, 2, and 1. A red box highlights the "Pending RaiseHand" section, with a callout pointing to the text: "This section shows the entry of pending doubts which are not yet replied or discussed in class." At the bottom, a dark footer bar contains 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

3  
2

Pending RaiseHand

3  
2  
2  
1

Designed & Developed by Clicker Software Team, IIT Bombay

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

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.

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.

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 navigation links: Quiz, Poll, Raise hand (which is highlighted in red), Report, Admin, and a Logout button. On the left, there's a logo for MHRD and another for IIT Bombay. The main content area is titled "Raise hand". It displays two sections: "Active RaiseHand" (with values 3 and 2) and "Pending RaiseHand" (with values 3, 2, 2, 1). A question from a student is shown: "Student ID :- 3 TimeStamp :- 2014-05-20 13:56:23.0 what are pointers?". Below the question are three checkboxes: "Already Discussed in class" (unchecked), "Reply to sender" (unchecked), and "Delete this doubt" (unchecked). A "Submit" button is located to the right of these checkboxes. A green button at the bottom right says "View saved doubts". At the very bottom, it says "Designed & Developed by Clicker Software Team, IIT Bombay".

Here you can see now that particular doubts has removed from list as it was discussed earlier.

This screenshot shows the same Clicker interface after a doubt has been removed. The "Pending RaiseHand" section now only contains values 2, 2, 1, and 3, with the original value of 3 removed. The rest of the interface remains the same, including the "Active RaiseHand" section with values 3 and 2, the student question, and the "Raise hand" navigation link.

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**

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

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**

View saved doubts

**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

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 are logos for MHRD and IIT Bombay, and status indicators for Instructor ID (dbp), Department ID (CSE), and Course ID (CSE101). The status bar also shows 'INACTIVE'. The main menu includes Quiz, Poll, Raise hand, Report, and Admin. A red box highlights the 'Raise hand' button. Below it, a green button labeled 'View saved doubts' is also highlighted with a red box. The 'Raise hand' section displays two lists: 'Active RaiseHand' containing entries 3 and 2, and 'Pending RaiseHand' containing entries 3, 2, 2, and 1. The footer credits the Clicker Software Team, IIT Bombay.

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 are logos for MHRD and IIT Bombay, and status indicators for Instructor ID (dbp), Department ID (CSE), and Course ID (CSE101). The status bar also shows 'INACTIVE'. The main menu includes Quiz, Poll, Raise hand, Report, and Admin. A red box highlights the 'Report' button. Below it, a red box highlights the 'Search Doubt' input field. A red box highlights the 'Delete Selected Doubts' button. The 'Report' section displays two rows of saved doubts. Each row contains a question (hello), student details (RollNo. 1, Student Name student1, Semester Spring), and a timestamp (TimeStamp 2014-04-22 12:32:31.0). A 'Mark for Delete' checkbox is present in each row, with one checked in the first row. A second row has a checked 'Mark for Delete' checkbox. The footer credits the Clicker Software Team, IIT Bombay.

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
Mark for Delete	Student Name	student1
	Semester	Spring
	TimeStamp	2014-04-22 12:32:31.0

hello	RollNo.	3
Mark for Delete	Student Name	student3
	Semester	Spring
	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 MHRD logo, instructor ID (dbp), department ID (dept001), course ID (CSE101), and session information (ACTIVE, LOGOUT, IIT BOMBAY). Below the header, a navigation bar has tabs for Quiz, Poll (which is highlighted with a red box), Raise hand, Report, and Admin. A welcome message "Welcome" 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, etc.).

Designed & Developed by Clicker Software Team, IIT Bombay

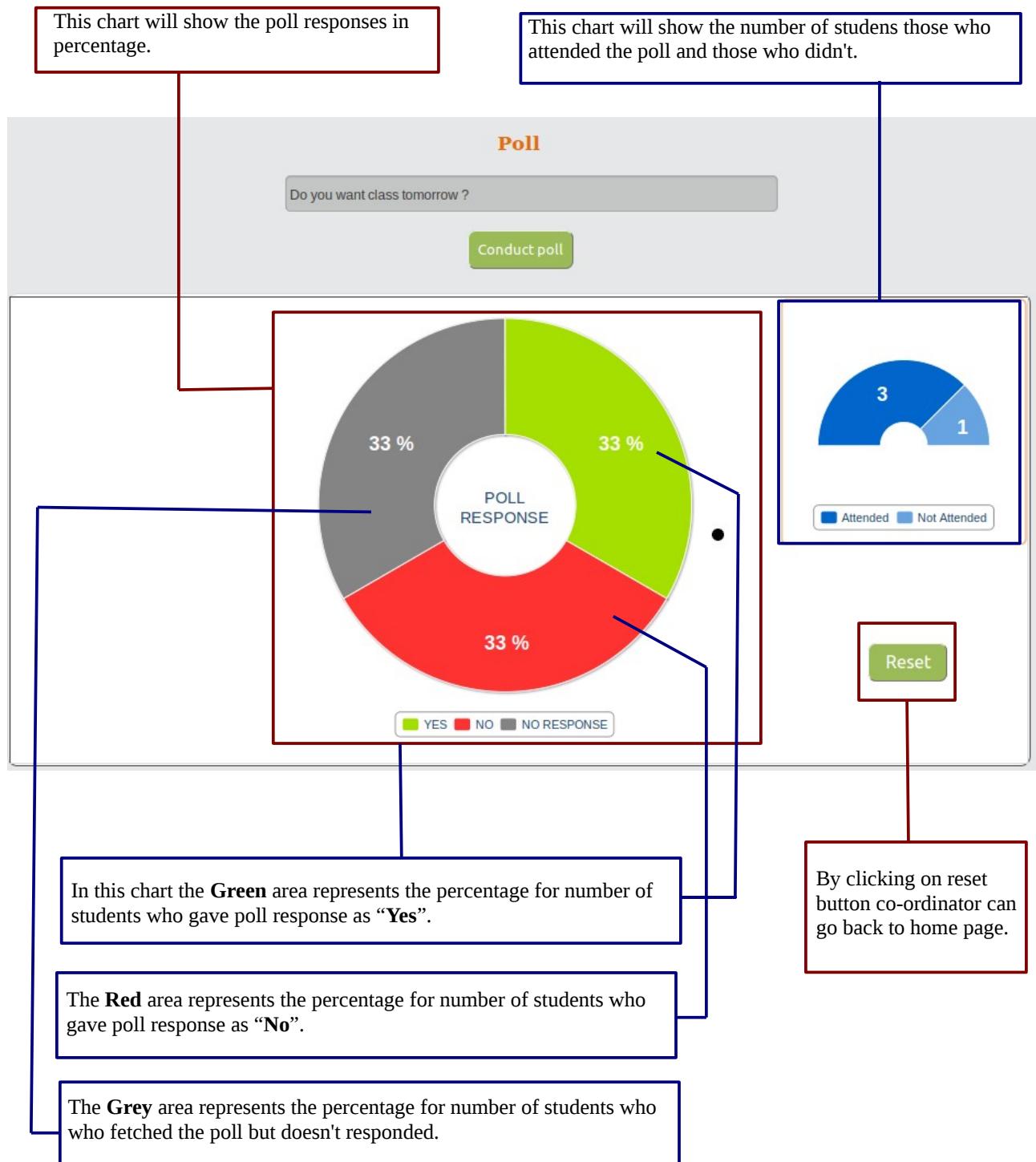
Below given is the poll page where you can type the poll question and lauch.

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. The top right features an ACTIVE status indicator, a LOGOUT button, and the IIT BOMBAY logo. A navigation bar below includes Quiz, Poll, Raise hand, Report, and Admin buttons. A large central area is labeled 'Poll' and contains a question box with the text 'Do you want class tomorrow ?'. A green 'Conduct poll' button is located below the question box. A blue box labeled 'Enter the poll question here.' points to the question box, and a red box labeled 'Press this button to lauch the poll' points to the 'Conduct poll' button.

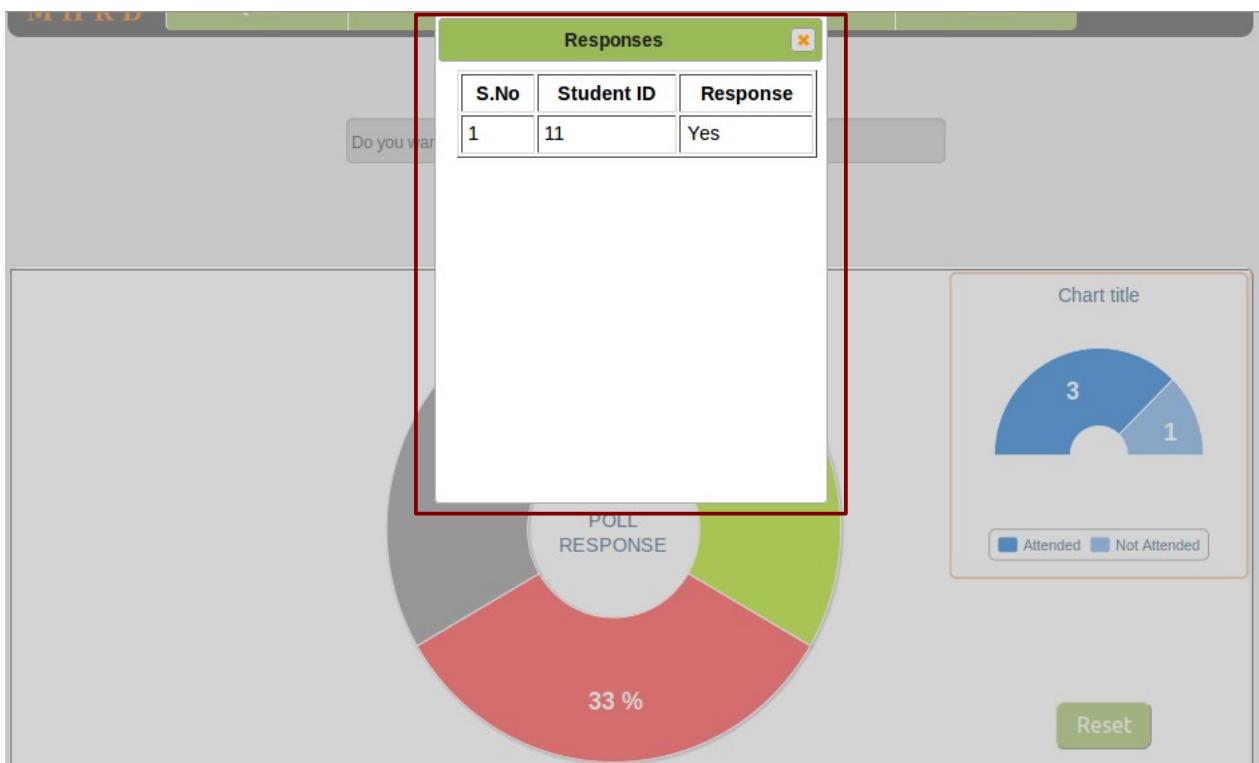
When instructor clicks the conduct poll button Timer will start. Poll timer will run by default for 30 seconds.

This screenshot shows the same Clicker interface after the 'Conduct poll' button was clicked. The 'Poll' section now displays a 'Countdown' timer with the number '20' and the word 'seconds' underneath. A red box highlights this timer. The rest of the interface remains the same, including the MHRD logo, course details, and navigation bar.

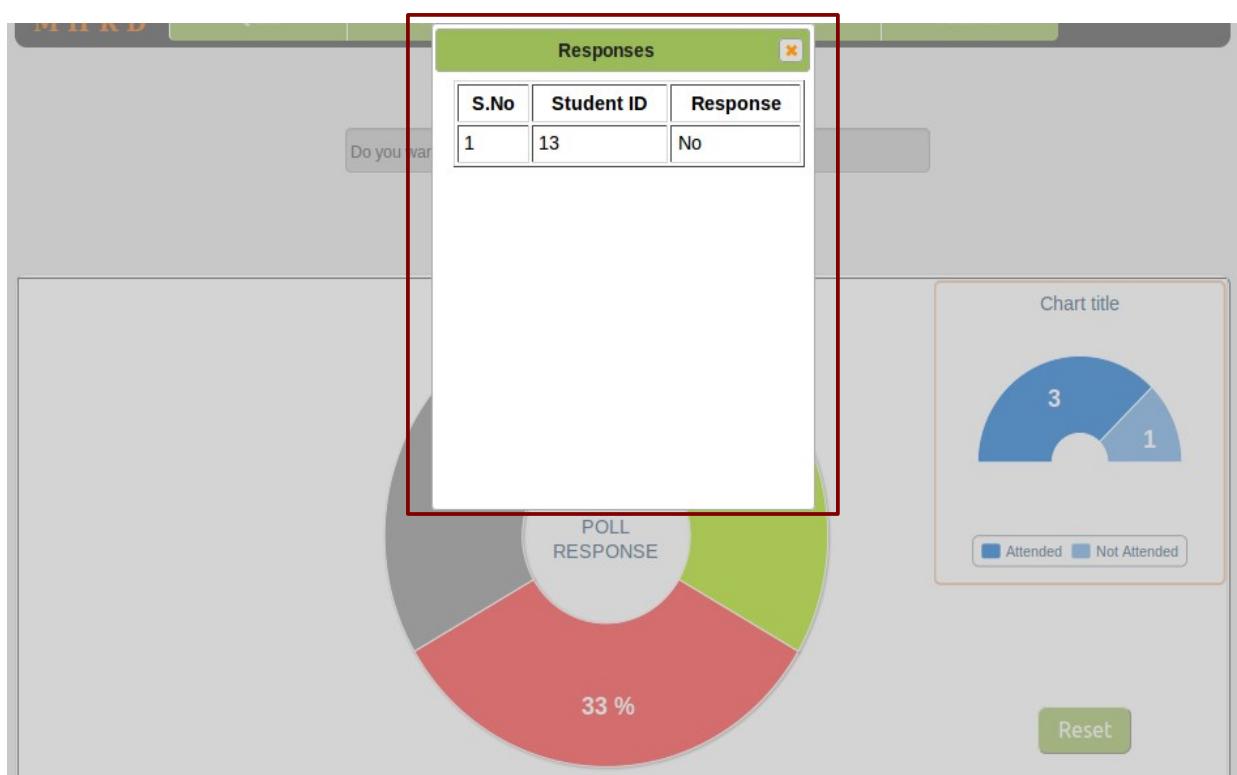
After poll timer gets over, response will get generated as below,



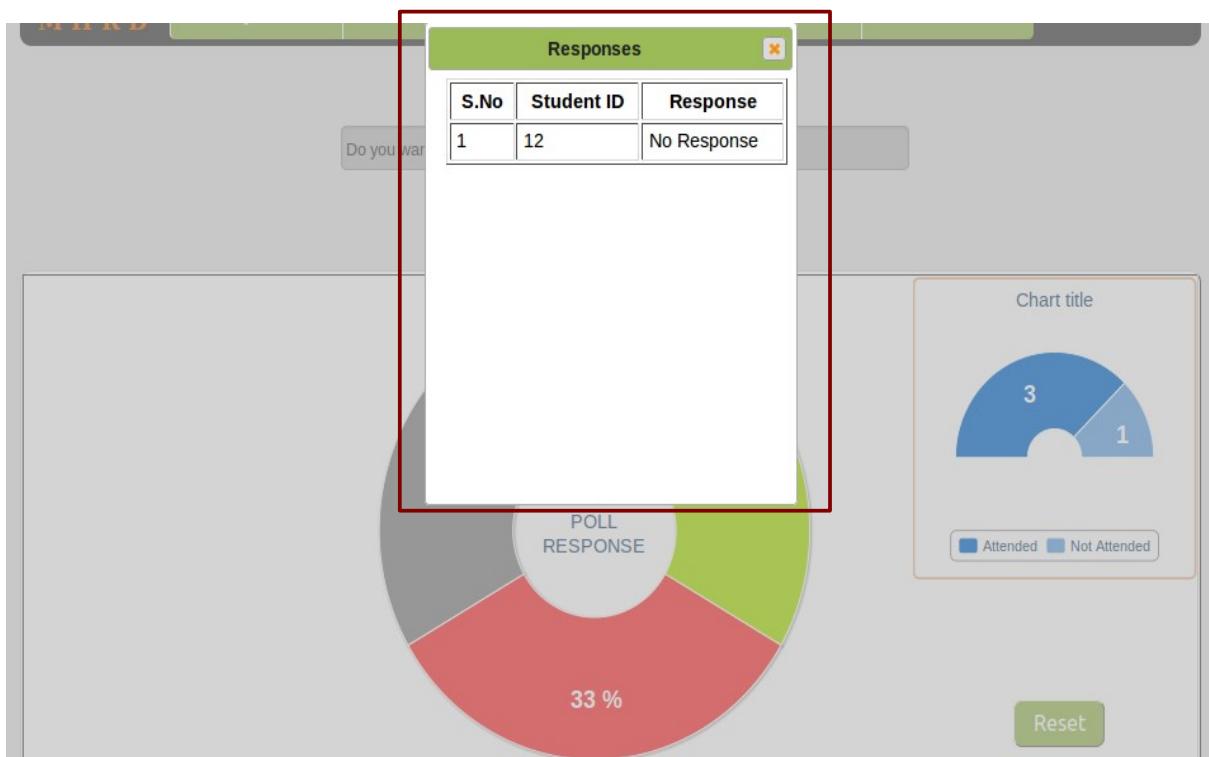
When you click on **Green** area, one pop up will appear showing the list of students who responded “Yes”.



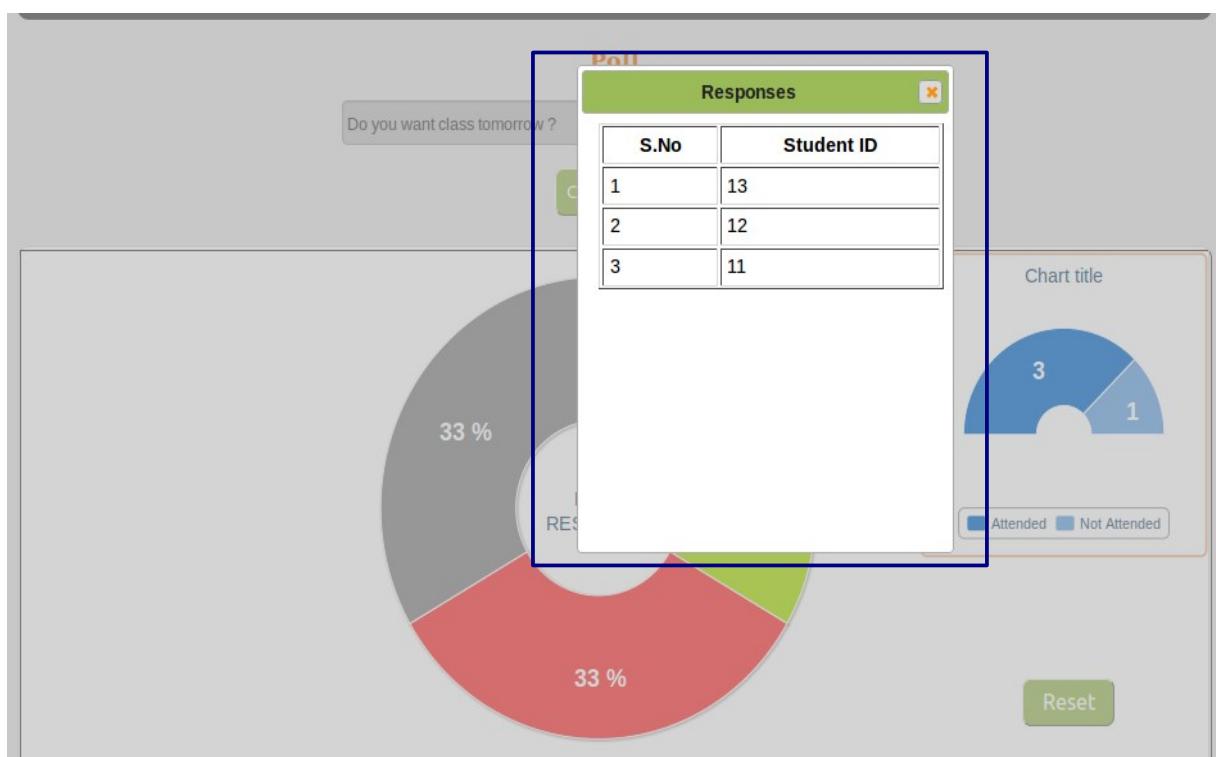
When you click on **Red** area, one pop up will appear showing the list of students who responded “No”.



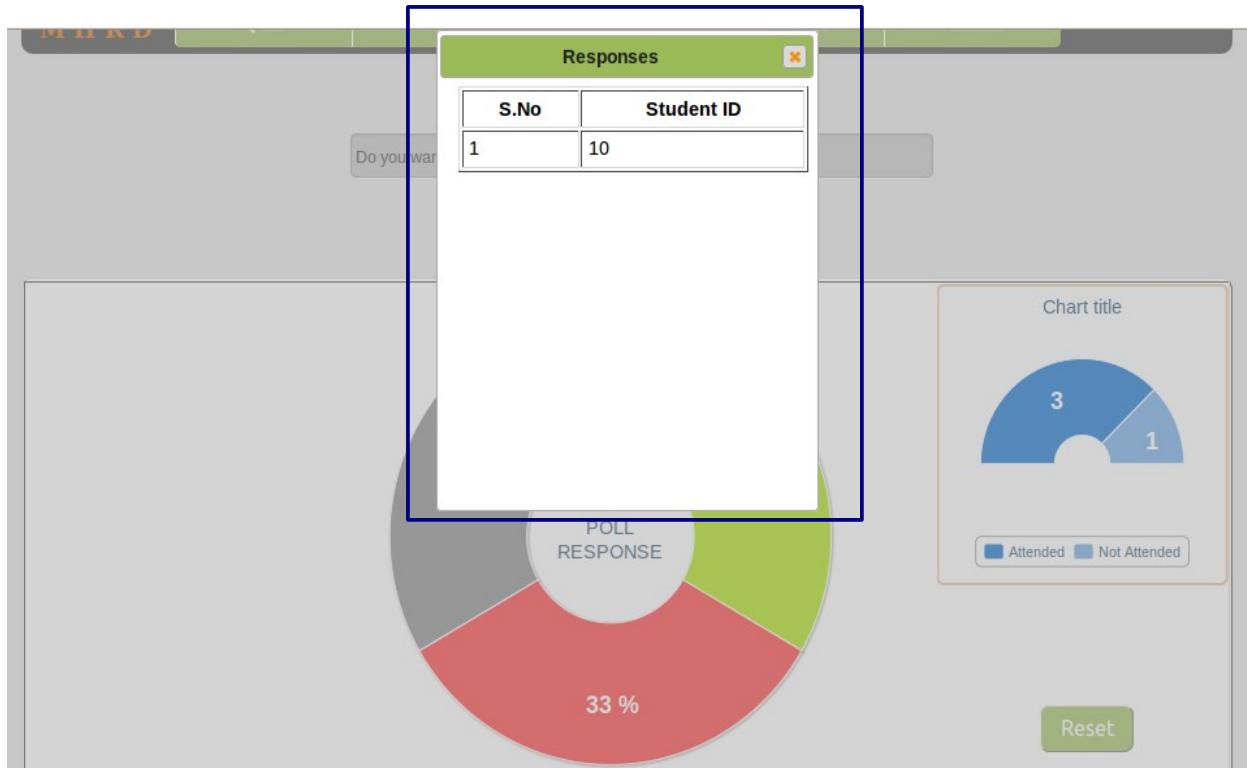
When you click on **Grey area**, one pop up will appear showing the list of students **who fetched the poll but doesn't responded**.



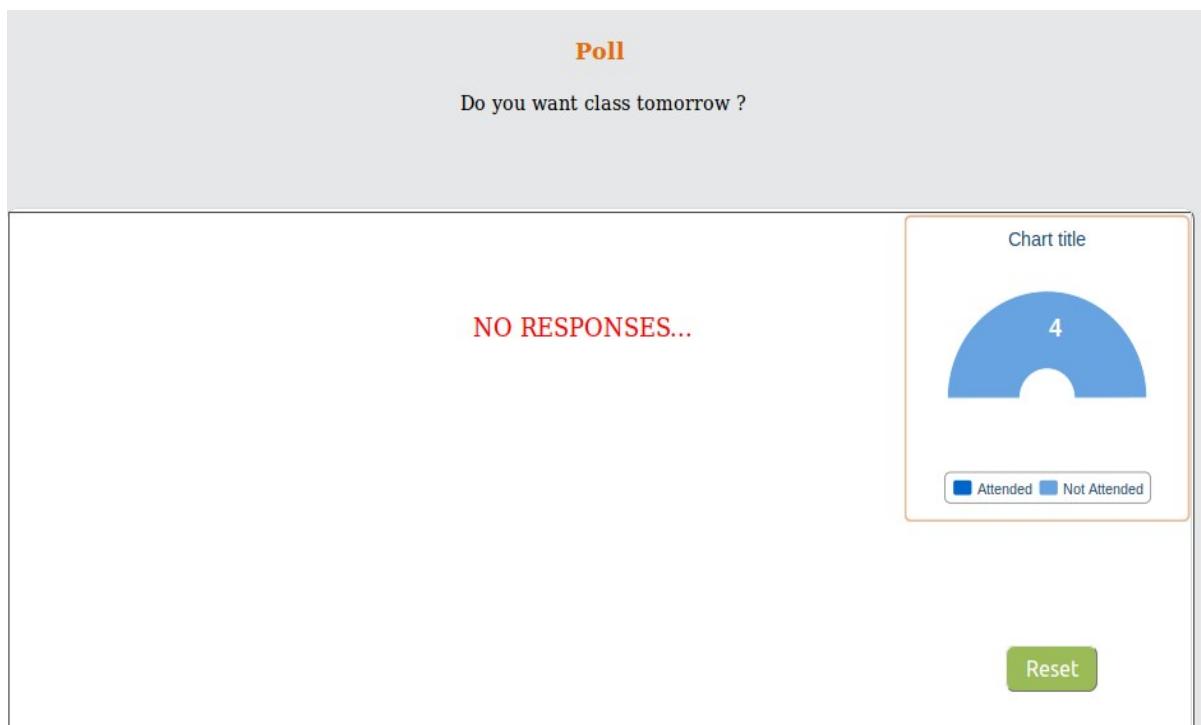
In right hand side's **attendance** chart when user clicks on **dark blue** color area it will display list of students who **attended the poll**.



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 Instructor Dashboard. At the top, there are links for 'Quiz report type either Quiz Response or Quiz Result' and 'Hover the mouse on plot you can see the quiz performance %'. The dashboard includes sections for 'Instructor ID : raj', 'Department ID : CSE', 'Course ID : CSE101', and navigation buttons for 'Quiz', 'Poll', 'Raise hand', 'Report' (which is highlighted in orange), and 'Admin'. Below these are buttons for 'Quiz Report' and 'Quiz Result'. A large green button displays the count '31' for 'Normal quiz'. To the right is a line chart titled 'CSE101 Overall Quiz Performance' showing 'Performance %' over time. The chart includes a legend for 'Normal Quiz' (blue line with circles) and 'Instant Quiz' (black line with diamonds). A red arrow points from the 'Normal Quiz' button to the chart, with the text 'Either Click the quiz time or Line chart plot to see the Report (Response / Result)'. Another red arrow points from the 'Normal Quiz' button to a list of quizzes, with the text 'Click the header to see the quiz detail in report'. The bottom of the screen features a footer with the text 'Designed and Developed by Clicker Software Team, IIT Bombay'.

Quiz report type either Quiz Response or Quiz Result

Hover the mouse on plot you can see the quiz performance %

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

CLICKER  
Student Response System

INACTIVE LOGOUT

IIT BOMBAY

Quiz Poll Raise hand Report Admin

Quiz Report Quiz Result

Course ID : CSE101

Normal quiz Instant quiz Poll Total Student

31 08 06 06

CSE101 Overall Quiz Performance

Performance %

Normal Quiz Instant Quiz

GK test1

Click the header to see the quiz detail in report

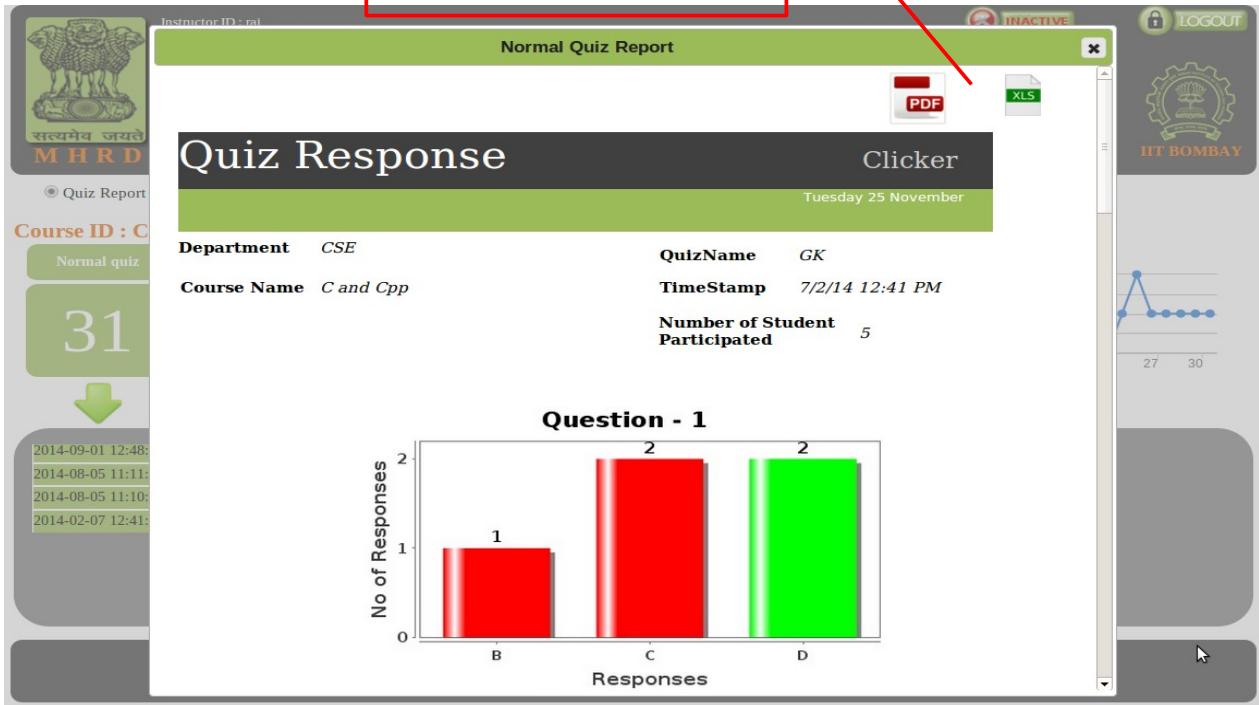
Either Click the quiz time or Line chart plot to see the Report (Response / Result)

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## 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  and also download as XLS by clicking xls icon 

Clicking the PDF or XLS Icon, the PDF or XLS report is downloaded



**Normal Quiz Report**

**Quiz Response**

**Clicker**

Tuesday 25 November

**Department** CSE      **QuizName** GK

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

**Number of Student Participated** 5

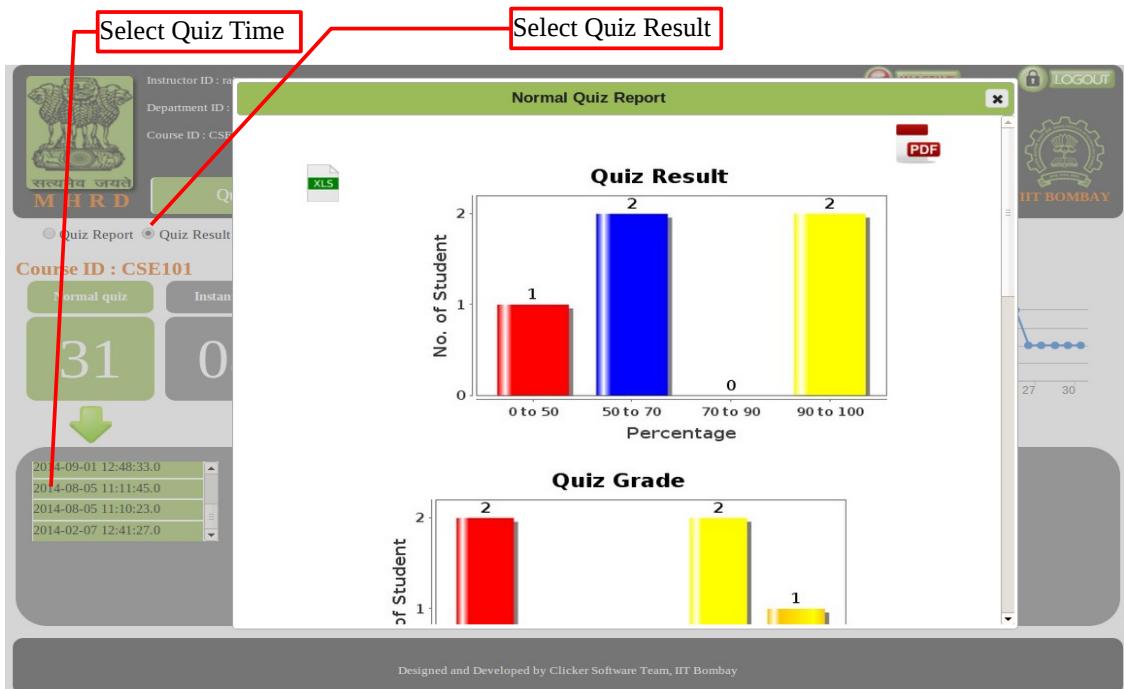
**Question - 1**

Responses	No of Responses
B	1
C	2
D	2

2014-09-01 12:48:  
2014-08-05 11:11:  
2014-08-05 11:10:  
2014-02-07 12:41:

## 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 or XLS by click the PDF icon and XLS icon. Select the Quiz Result option button.



**Normal Quiz Report**

**Select Quiz Time**      **Select Quiz Result**

**Quiz Result**

Percentage	No. of Student
0 to 50	1
50 to 70	2
70 to 90	0
90 to 100	2

**Quiz Grade**

Grade	No. of Student
A	2
B	2
C	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 interface. At the top, it displays the Indian National Emblem, the text "Instructor ID : raj", "Department ID : CSE", "Course ID : CSE101", and the "CLICKER Student Response System" logo. On the right, there are "LOGOUT", "INACTIVE", and "IIT BOMBAY" icons. Below the header is a navigation bar with tabs: "Quiz", "Poll", "Raise hand", "Report", and "Admin". The "Quiz" tab is active, highlighted in green. A large orange button labeled "INSTRUCTOR Dash-board" is centered below the tabs. To the left, a box displays "Course ID : CSE101" and four statistics: "Normal quiz" (31), "Instant quiz" (08), "Poll" (06), and "Total Student" (06). A red arrow points from this box down to a grid of eight "Instant Quiz" boxes. Another red arrow points from the "Instant Quiz" box in the first row to the line chart above it. A callout box with a red border contains the text: "Either Click the quiz time or Line chart plot to see the Instant quiz responses". A second callout box also with a red border contains the text: "Hover the mouse on plot you can see the quiz preformance %".

**CSE101 Overall Quiz Performance**

Performance %

Instant Quiz: 25%

Normal Quiz Instant Quiz

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Either Click the quiz time or Line chart plot to see the Instant quiz responses

Hover the mouse on plot you can see the quiz preformance %

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

The screenshot shows the "Instant Quiz Report" page. It features the Clicker logo and "LOGOUT" button at the top. On the left, it shows the Indian National Emblem, "Instructor ID : raj", "Course ID : CSE101", and a "Normal quiz" count of 31. Below this is a grid of two "Instant Quiz" entries: "Instant Quiz 1" (2014-08-05 11:17:00.0) and "Instant Quiz 6" (2014-02-10 15:47:36.0). The main content area is titled "Instant Quiz Response" and includes the "Clicker" logo and the date "Tuesday 25 November". It displays the following details: "Department CSE", "TimeStamp 10/2/14 3:47 PM", "Course Name C and Cpp", "Number of Student Participated 1", and "Question - 1". Below this is a bar chart titled "Question - 1" with the y-axis "No of Responses" (0, 1) and the x-axis "Responses" (54, B). The chart shows one red bar for response 54 and one green bar for response B, both with a value of 1. A legend at the bottom indicates that red represents "Incorrect" and green represents "Correct".

## Poll Report :

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

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

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

**M H R D**

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

**ISTRUCTOR Dash-board**

**Course ID : CSE101**

Normal quiz	Instant quiz	Poll	Total Student
31	08	06	06

**CSE101 Overall Quiz Performance**

Performance %

● Normal Quiz   ● Instant Quiz

3 6 9 12 15 18 21 24 27 30

**test quiz**  
Date - 2014-09-08 11:51:21.0  
Yes : 2  
No : 1

**simple test**  
Date - 2014-09-08 11:50:32.0  
Yes : 1  
No : 1

**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

**test 1 to show the dashboard poll**  
Date - 2014-03-03 16:55:33.0  
Yes : 2  
No : 1

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

**CLICKER**  
Student Response System

**POLL REPORT**

**POLL**

No of Responses

Responses

■ Incorrect ■ Correct

**POLL RESPONSE**

**Clicker**

Tuesday 25 November

**COURSE NAME** C and Cpp   **DATE** 3/3/14 5:05 PM  
**NUMBER OF STUDENT PARTICIPATED** 6

**POLL** Do you like to come for spacial class every week end ?

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## 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 student, there is a progress bar to show number of quiz attempted out of number of quiz conducted. Three icon to get the report Student List Student Query  and Attendance .



Instructor ID : raj  
 Department ID : CSE  
 Course ID : CSE101  
  
**M H R D**

**CLICKER**  
 Student Response System

 INACTIVE
 LOGOUT


**Instructor Dash-board**

Course ID : CSE101

Normal quiz
Instant quiz
Poll
Total Student

31
08
06
06



1 - Anand	2 - Balu	3 - chandra	4 - Divya
No.of Normal Quiz : 25	No.of Normal Quiz : 2	No.of Normal Quiz : 2	No.of Normal Quiz : 1
No.of Instant Quiz : 8	No.of Instant Quiz : 0	No.of Instant Quiz : 0	No.of Instant Quiz : 0

CSE101 Overall Quiz Performance



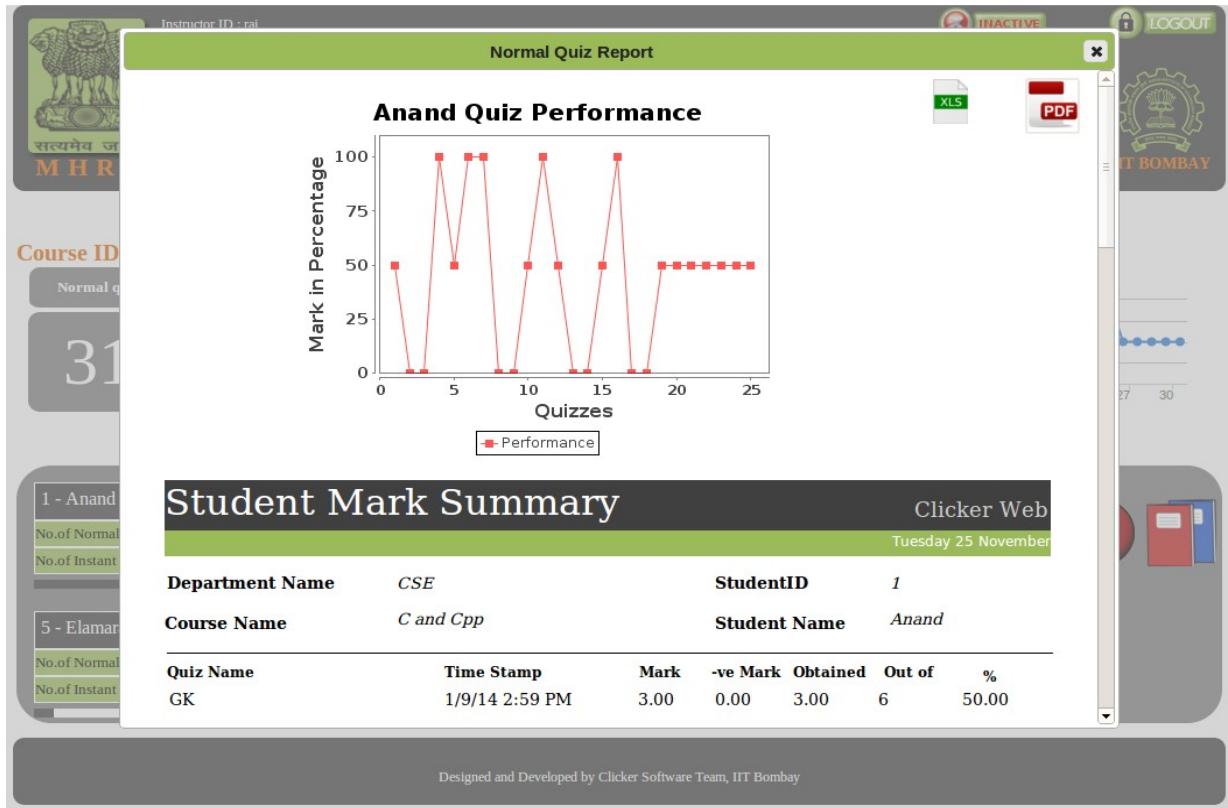
Student's Quiz Participation
 Student List
 Student Query

Click the Normal quiz to see the student Normal Quiz Performance

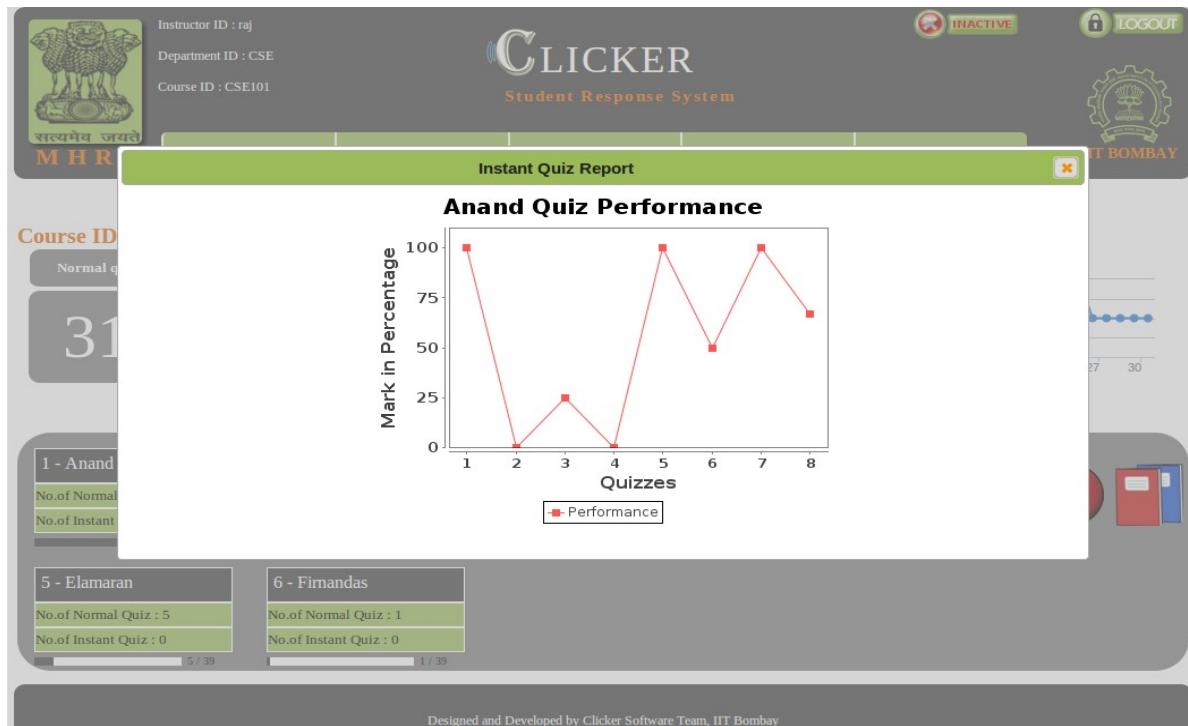

Click the Instant quiz to see the student Instant Quiz Performance

## Student Normal Quiz Performance :

Normal quiz performance is shown with performance chart and each quiz marks. You can download it as PDF or XLS.



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 or XLS.

**Student List**

Clicker  
Tuesday 25 November

Department	CSE	No of Students
Course Name	C and Cpp	6
Student ID	Student Name	
1	Anand	
2	Balu	
3	chandra	
4	Divya	
5	Elamaran	

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## Student Attendance :

List of student with abstent 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 and XLS.

Select the session for attendance (FN / AN)]

Select the date for attendance

**Attendance Report**

Select Date : 11/14/2014

Attendance

No of Students

Absent Present

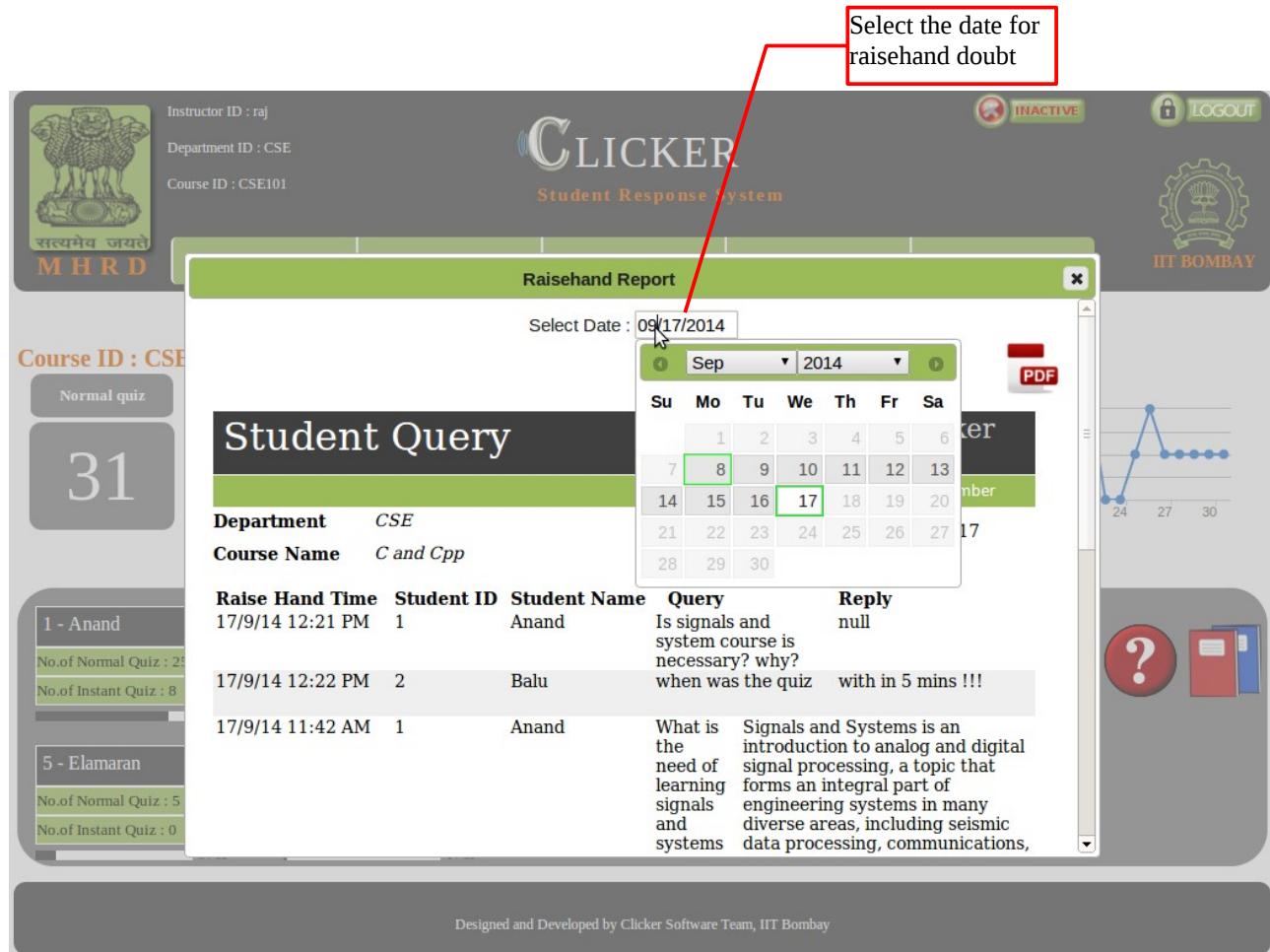
Attendance

Clicker  
Tuesday 25 November

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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 or XLS.



Select the date for raisehand doubt

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

**CLICKER**  
Student Response System

**Raisehand Report**

Select Date : 09/17/2014

**Student Query**

**Department** CSE  
**Course Name** C and Cpp

Raise Hand Time	Student ID	Student Name	Query	Reply
17/9/14 12:21 PM	1	Anand	Is signals and system course is necessary? why?	null
17/9/14 12:22 PM	2	Balu	when was the quiz	with in 5 mins !!!
17/9/14 11:42 AM	1	Anand	What is the need of learning signals and systems	Signals and Systems is an introduction to analog and digital signal processing, a topic that forms an integral part of engineering systems in many diverse areas, including seismic data processing, communications,

Normal quiz  
31

1 - Anand  
No.of Normal Quiz : 25  
No.of Instant Quiz : 8

5 - Elamaran  
No.of Normal Quiz : 5  
No.of Instant Quiz : 0

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## 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 and XLS. 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 MHRD logo and the user's information: Instructor ID : rajesh, Department ID : CSE, Course ID : CSE102. The dashboard has tabs for Quiz, Poll, Raise hand, Report, and Admin. A green button labeled "Compare Course" is visible. Below the tabs, there are three sections for different courses:

- Course ID : CSE101**: Normal quiz (31), Instant quiz (08), Poll (06), Total Student (06).
- Course ID : CSE102**: Normal quiz (02), Instant quiz (03), Poll (01), Total Student (03).
- Course ID : CSE103**: Normal quiz (03), Instant quiz (02), Poll (00), Total Student (04).

On the right side, there are three line graphs showing Overall Quiz Performance (%) over time (Weeks 1-30) for each course, comparing Normal Quiz (blue line with circles) and Instant Quiz (black line with diamonds). The graphs show varying performance levels across the different courses and quiz types.

## HOD seeing a course instant quiz detail.

This screenshot shows the Clicker Student Response System HOD Dashboard, similar to the previous one but with different course data. The top section shows the MHRD logo and user info: Instructor ID : rajesh, Department ID : CSE, Course ID : CSE102. The dashboard tabs and compare course button are present.

Below the tabs, two sections are shown:

- Course ID : CSE101**: Normal quiz (31), Instant quiz (08), Poll (06), Total Student (06).
- Course ID : CSE102**: Normal quiz (02), Instant quiz (03), Poll (01), Total Student (03).

A green arrow points down to a summary of instant quizzes for CSE102:

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

On the right side, there are two line graphs showing Overall Quiz Performance (%) over time (Weeks 1-30) for CSE101 and CSE102, comparing Normal Quiz (blue line with circles) and Instant Quiz (black line with diamonds).

## HOD seeing a course normal quiz detail

**HOD Dash-board**

**Course ID : CSE101** [Compare](#)

Normal quiz	Instant quiz	Poll	Total Student
31	08	06	06

**Course ID : CSE102** [Compare](#)

Normal quiz	Instant quiz	Poll	Total Student
02	03	01	03

**CSE101 Overall Quiz Performance**

**CSE102 Overall Quiz Performance**

**InputOutput**

2014-05-21 10:38:42.0
2014-05-21 10:35:40.0

HOD can see the individual quizz and individual student performance. He / she can download the PDF and XLS report for all the courses.

**Normal Quiz Report**

**Quiz Response**

**Clicker**

Tuesday 25 November

**Department** CSE      **QuizName** InputOutput  
**Course Name** Computer Fundamental      **TimeStamp** 21/5/14 10:35 AM  
**Number of Student Participated** 3

**Question - 1**

No of Responses

Responses

■ Incorrect ■ Correct

## Principal Report :

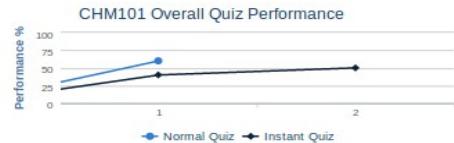
Principal can see the performance of all the courses in each department. He / she can monitor the performance of each student and each quiz under all the courses.

**DepartmentID : Chem**

**Course ID : CHM101** [Compare](#)

Normal quiz	Instant quiz	Poll	Total Student
01	02	01	05

CHM101 Overall Quiz Performance



**DepartmentID : CSE**

**Course ID : CSE101** [Compare](#)

Normal quiz	Instant quiz	Poll	Total Student
31	08	06	06

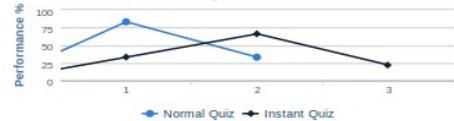
CSE101 Overall Quiz Performance



**Course ID : CSE102** [Compare](#)

Normal quiz	Instant quiz	Poll	Total Student
02	03	01	03

CSE102 Overall Quiz Performance



Princlipal seeing students details of all the courses :

**DepartmentID : Chem**

**Course ID : CHM101** [Compare](#)

Normal quiz	Instant quiz	Poll	Total Student
01	02	01	05



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

**DepartmentID : CSE**

**Course ID : CSE101** [Compare](#)

Normal quiz	Instant quiz	Poll	Total Student
31	08	06	06

CSE101 Overall Quiz Performance



## Compare Two Courses by HOD or Principal :

HOD or Principal can compare the performance as well as participation of two courses.

**Step 1 : Check any two course to compare**

**Step 2 : Click this button to compare two courses**

Week	Normal Quiz (%)	Instant Quiz (%)
1	80	20
2	50	10
3	70	10
4	20	10
5	50	10
6	80	10
7	20	10
8	50	10
9	70	10
10	20	10
11	50	10
12	80	10
13	20	10
14	50	10
15	70	10
16	20	10
17	50	10
18	80	10
19	20	10
20	50	10
21	70	10
22	20	10
23	50	10
24	80	10
25	20	10
26	50	10
27	80	10
28	20	10
29	50	10
30	80	10
31	20	10
32	50	10

Week	Normal Quiz (%)	Instant Quiz (%)
1	80	20
2	50	10
3	20	10

Week	Normal Quiz (%)	Instant Quiz (%)
1	80	20
2	50	10
3	80	20

Performance and participation chart of two coruses :

Performances	CSE101			CSE102		
	Normal Quiz	Instant Quiz	Poll	Normal Quiz	Instant Quiz	Poll
Average Student Participation	19.118332	16.666668	52.083332	100.0	100.0	100.0
Number of Days Clicker Used	9	3	3	1	1	1
Last date of Clicker Used	2014-11-27	2014-08-05	2014-11-27	2014-05-21	2014-05-21	2014-05-21
Average Student Performance	45.12	55.13	-	58	40.33	-

**Average Student Performance**  
Course Comparative Analysis

Performance (%)

Instant Quiz  
CSE101: 55.1 %  
CSE102: 40.3 %

Normal Quiz  
CSE101: 45.12 %  
CSE102: 55.13 %

**Average Student Participation**  
Course Comparative Analysis

Performance (%)

Normal Quiz  
CSE101: 19.0 %  
CSE102: 100.0 %

Instant Quiz  
CSE101: 52.083332 %  
CSE102: 100.0 %

**Performance (%)**

Normal Quiz   Instant Quiz

Legend: CSE101 (Blue), CSE102 (Dark Blue)