



Clickerv4 Manual (Remote Mode)


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Login Screen

After Successful installation of clicker open the browser type the url

`http://localhost:8080/clickerv4/`

after enter this url the below page will be open



The login screen for Clicker v4 at IIT Bombay. It features a dark grey header with the 'Clicker v4' logo on the left and the 'IIT Bombay' text in the center. On the right side of the header, there are input fields for 'Username' and 'Password', a 'Remotecenter Mode' checkbox, a 'Forgot password?' link, and a green double arrow button. Below the header is a large banner image showing a green, glowing, abstract pattern resembling a network or a stylized map. Underneath the banner, there is a paragraph of text describing the Clicker V.4 system as a web-based student response system. At the bottom of the page, a dark grey footer contains the text 'Designed and Developed by Clicker Software Team, IIT Bombay'.

Clicker v4 IIT Bombay

Username Password

username password

☐ Remotecenter Mode [Forgot password?](#)

In a classroom sessions, an interaction between instructor and students is crucial factor of better learning environment. Clicker V.4 is one of the web based student response system developed, to make a kind of interaction between students and teacher. As Clicker V.4 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.

an interaction between instructor and students is crucial factor of better learning environment. Clicker V.4 is one of the web based student response system developed, to make a kind of interaction between students and teacher. As Clicker V.4 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.)

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Admin

First You need to login as admin user ,the user name and password for admin user is

User Name:admin

Password :admin

after entering the username and password select the remote center mode

The screenshot shows the login interface for Clicker V4 at IIT Bombay. Annotations include:

- Select the remote Mode**: Points to the ☐ Remotecenter Mode checkbox.
- Enter Username and Password**: Points to the Username and Password input fields.
- Login button**: Points to the green button with a right arrow.

The page includes a header with the Clicker v4 logo and IIT Bombay text. Below the login fields is a large green graphic of a globe with network connections. A paragraph of text describes the system's purpose in classroom sessions. At the bottom, it says "Designed and Developed by Clicker Software Team, IIT Bombay".

Admin Menu

- 1:Create Remote Center
- 2:Create Coordinator
- 3:Setup Mail System
- 4:Change Password

The screenshot shows the Admin menu in the Clicker Student Response System. Annotations include:

- A list box on the left contains the menu items: 1:Create Remote Center, 2:Create Coordinator, 3:Setup Mail System, and 4:Change Password.
- The **Admin** button in the top navigation bar is highlighted.
- A dropdown menu from the Admin button shows the following options: Enter RemoteCenter, Create Coordinator, Set up Mail System, and Change Password.

The page header shows the MHRD logo, user information (Coordinator ID: admin, Workshop ID: TestWS, Center ID: 101), the Clicker logo, and a Logout button. The main content area has a heading "us of Workshop" and a status message: "Currently this workshop is not running or live at Main Center."

1:Add Remote Center

Enter Remote Center
Details i.e RC ID,name,etc

Coordinator ID : admin
Workshop ID : TestWS
Center ID : null

CLICKER
Student Response System

MHRD IIT BOMBAY

Report Admin

Add Remote Center

Enter Center ID : 101
Enter Center Name : IIT Bombay
Enter State : maharastra
Enter City : mumbai

Submit Cancel

After entering the details
press submit

2:Add Coordinator

Coordinator ID : admin
Workshop ID : TestWS
Center ID : 101

CLICKER
Student Response System

MHRD IIT BOMBAY

Report Admin

Add Co-ordinator

Enter User Name : gobi
Enter Password : ***
Confirm Password : ***
Give Privilege(1:Normal; 2: Admin) : 1
Email Address : gobinath@cse.iitb.ac.in
Center ID : 101

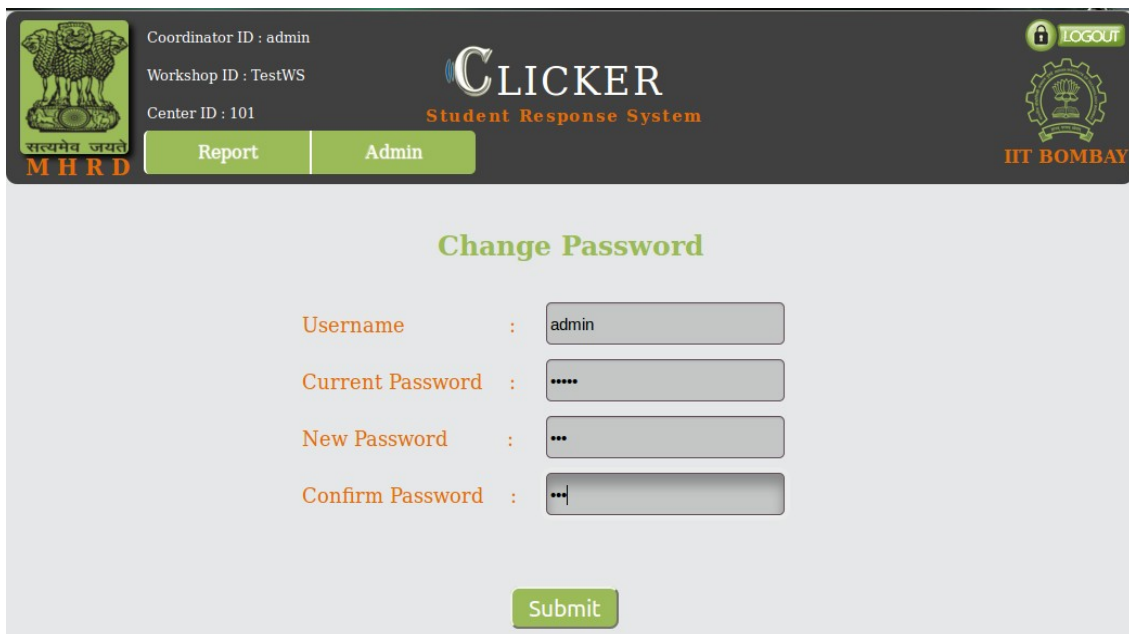
Submit

Press the submit button to
add in coordinator

Enter the coordinator
Details

Note : while giving the privilege for the coordinator you need to give 1 for normal user than only you can able to see the menu for adding the participant ,main center
After Adding the coordinator details the admin part in over this admin part is take care by the remote coordinator

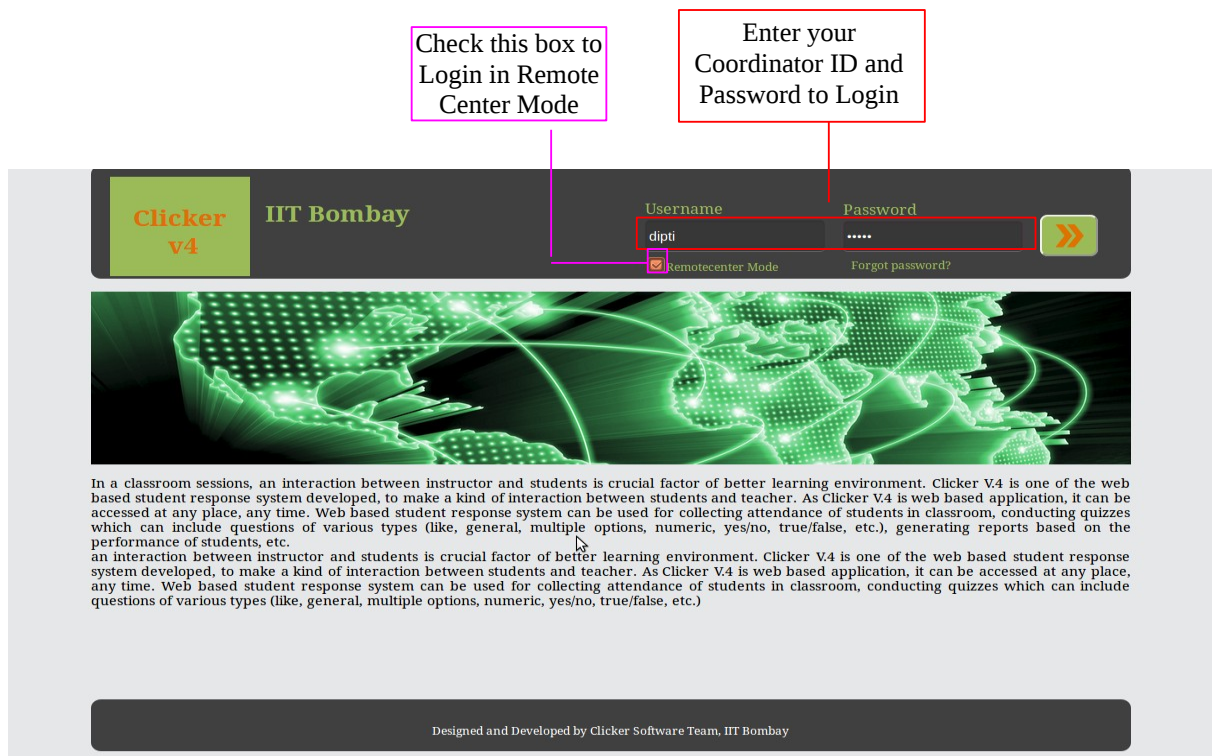
3:Change Password



The screenshot shows the 'Change Password' interface of the Clicker Student Response System. At the top, there is a header bar with the MHRD logo on the left, user information in the center (Coordinator ID : admin, Workshop ID : TestWS, Center ID : 101), and a 'Logout' button with the IIT Bombay logo on the right. Below the header, there are two buttons: 'Report' and 'Admin'. The main heading is 'Change Password'. Below this, there are four input fields: 'Username' (containing 'admin'), 'Current Password' (masked with '....'), 'New Password' (masked with '...'), and 'Confirm Password' (masked with '...'). A 'Submit' button is located at the bottom center.

Coordinator

Login with your coordinator id and password.



The screenshot shows the login page for Clicker v4 at IIT Bombay. The header includes the 'Clicker v4' logo and 'IIT Bombay' text. The login form has two input fields: 'Username' (containing 'dipti') and 'Password' (masked with '....'). Below the password field is a checkbox labeled 'remotecenter Mode' which is checked. To the right of the password field is a 'Forgot password?' link. A red box highlights the 'Username' and 'Password' fields with the annotation 'Enter your Coordinator ID and Password to Login'. A purple box highlights the 'remotecenter Mode' checkbox with the annotation 'Check this box to Login in Remote Center Mode'. Below the login form is a large green graphic with a network-like pattern. At the bottom, there is a footer bar that reads 'Designed and Developed by Clicker Software Team, IIT Bombay'.

Step 2: Selecting Main Center

Select IIT Bombay as the Main Center

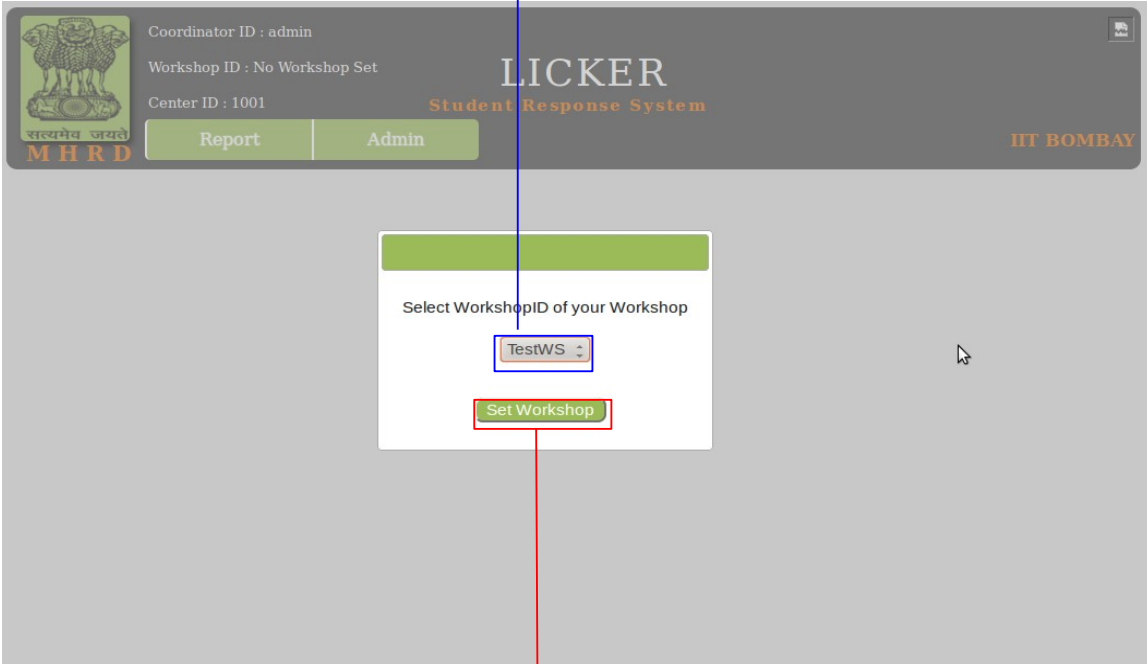


The screenshot shows the Clicker V4 login interface. At the top left, it says 'Clicker v4' and 'IIT Bombay'. On the right, there are fields for 'Username' (containing 'dipti') and 'Password' (containing '*****'), along with a 'RemoteCenter Mode' checkbox and a 'Forgot password?' link. A modal window titled 'Select MainCenter' is open in the center, showing a dropdown menu with 'IIT Bombay' selected and a 'Set MainCenter' button. A blue line connects the modal title to the instruction box above, and a red line connects the 'Set MainCenter' button to the instruction box below.

Click on “Set Main Center” after selecting the Main Center

Step 3: Select Workshop

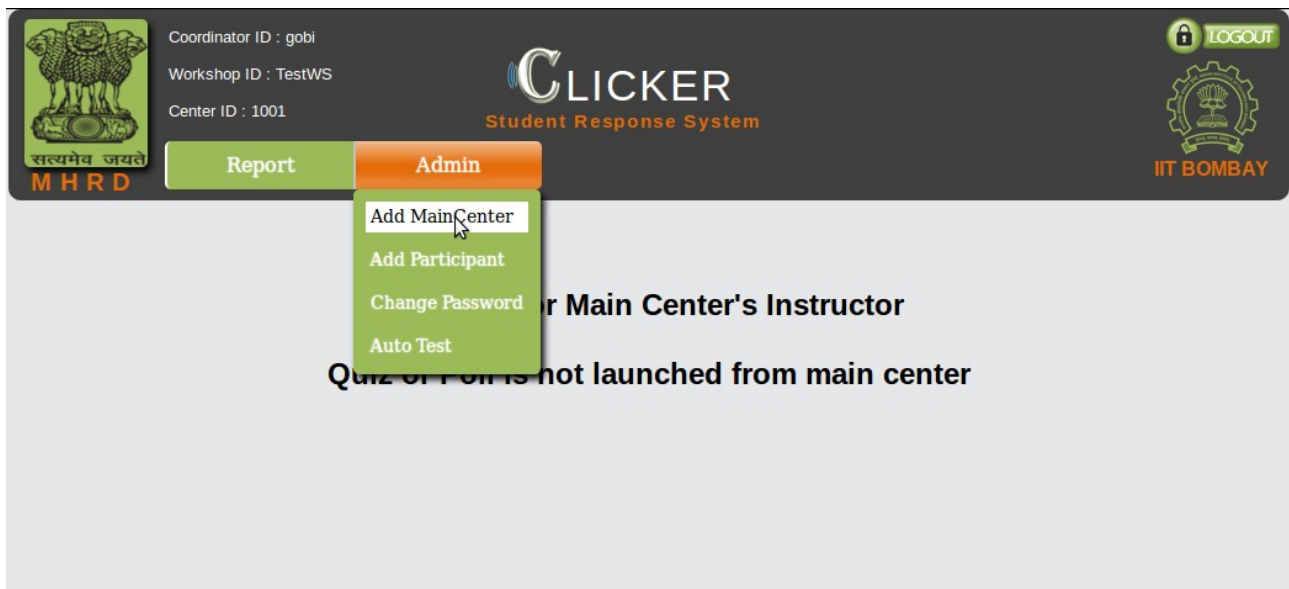
Select The workshop



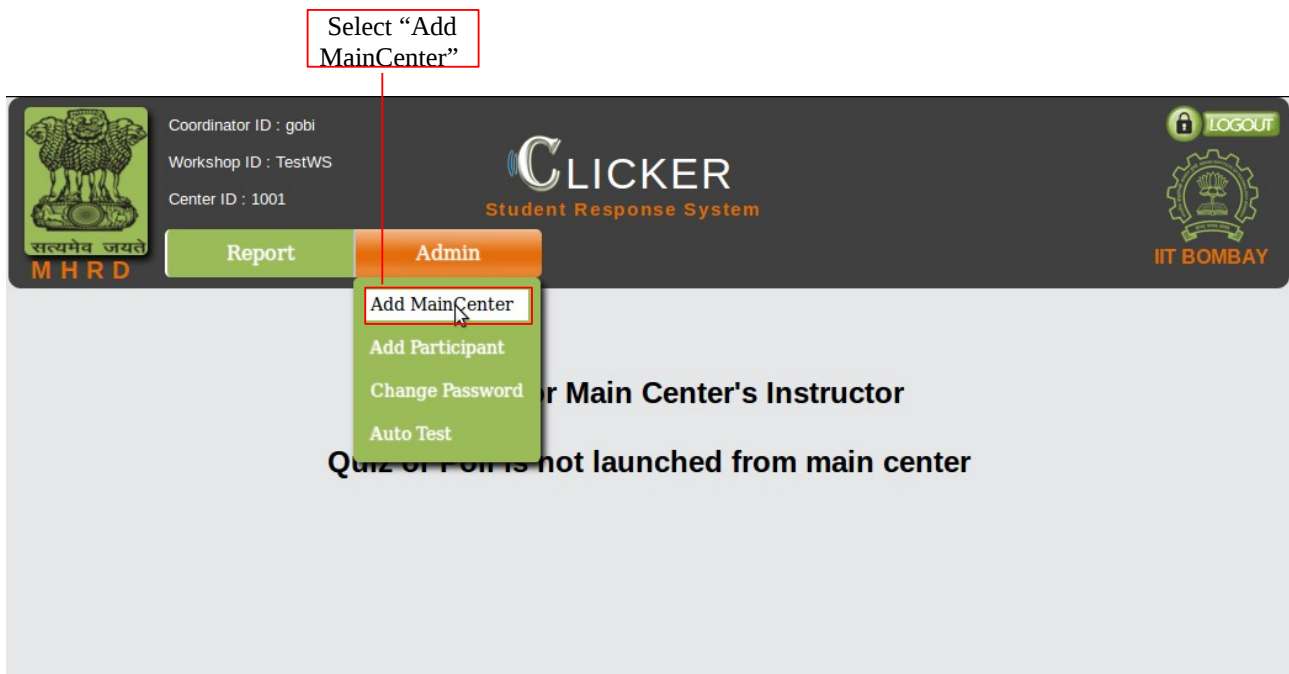
The screenshot shows the Clicker Student Response System dashboard. At the top, it displays 'Coordinator ID : admin', 'Workshop ID : No Workshop Set', and 'Center ID : 1001'. There are 'Report' and 'Admin' buttons. A modal window titled 'Select WorkshopID of your Workshop' is open in the center, showing a dropdown menu with 'TestWS' selected and a 'Set Workshop' button. A blue line connects the modal title to the instruction box above, and a red line connects the 'Set Workshop' button to the instruction box below.

Click on “Set Workshop”

After you click on “Set Workshop” you will get the following page.



Step 4: Select “Add Main Center”



Step 5: Fill the Main Center Details

Coordinator ID : gobi
Workshop ID : TestWS
Center ID : 1001

CLICKER
Student Response System

Report Admin

Logout

ADD NEW MAINCENTER

Maincenter Name: IIT Kharagpur
Maincenter_city: Kharagpur
Maincenter_state: West Bengal
Main Center URL (Example: www.it.iitb.ac.in): www.it.itkgp.ac.in

Submit

Main Center Name	Main Center URL
IIT Bombay	www.it.iitb.ac.in/clicker

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Click on "Submit" after you complete filling the Main Center details

This URL is just an example, you no need to give this

Refresh the page and see the newly added Main Center in the Main Center below and then logout.

Coordinator ID : gobi
Workshop ID : TestWS
Center ID : 1001

CLICKER
Student Response System

Report Admin

Logout

ADD NEW MAINCENTER

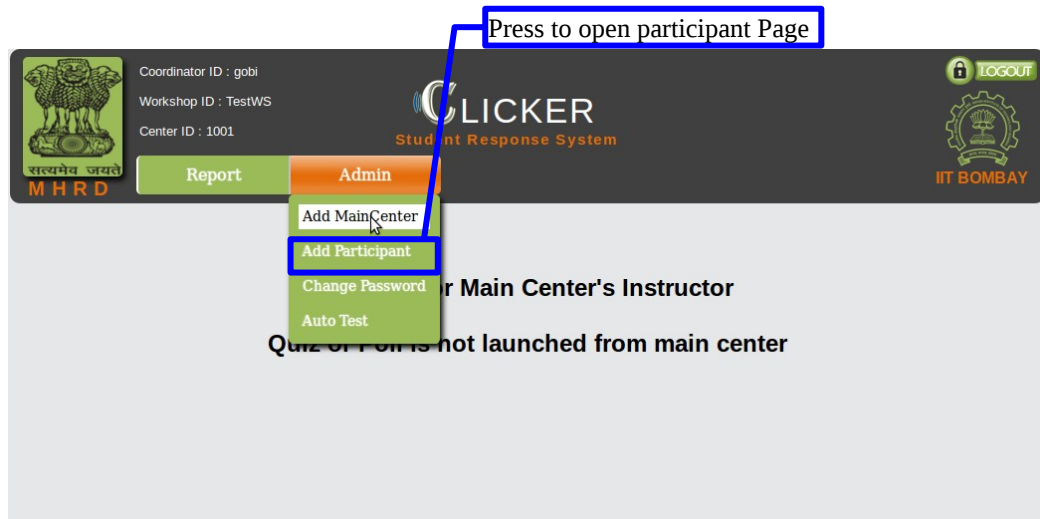
Maincenter Name: IIT Kharagpur
Maincenter_city: Kharagpur
Maincenter_state: West Bengal
Main Center URL (Example: www.it.iitb.ac.in): www.it.itkgp.ac.in

Submit

Main Center Name	Main Center URL
<u>IIT Kharagpur</u>	<u>www.it.itkgp.ac.in</u>
IIT Bombay	www.it.iitb.ac.in/clicker

Newly added Main Center

Step 5: Select Add Participant



The page shown below lets you add the participants.

The screenshot shows the 'Add Participant' page. The header is the same as the previous screenshot. The main content area has a green header 'Add Participant'. Below it, there are two sections: 'Add Participant BY Xls' and 'Individual'. The 'Add Participant BY Xls' section has a 'Browse...' button, a 'No file selected.' message, and links for 'Add Participant Template' and 'Preview'. The 'Individual' section has input fields for 'Participant ID' and 'Participant Name', and an 'ADD' button. Below these sections, there are 'Delete Participant' and 'Delete All Participant' buttons. At the bottom, there is a table with the header 'Workshop ID: TestWS' and columns for 'Participant ID' and 'Participant Name'.

After adding the Main center, the coordinator needs to add the the participant, coordinator can add the participant. by individual or by Group by using xls.

Note : Make sure WorkshopID is same as the participants going to participate in the workshop.

Coordinator ID : gobi
Workshop ID : TestWS
Center ID : 101

CLICKER
Student Response System

Logout

Report Admin

Add Participant

Add Participant BY Xls

Browse... No file selected.
[Add Participant Template](#) Preview

Add Participant Individual

Participant ID
Participant Name
ADD

Delete Participant
Delete Remove Mac

Delete All Participant
Delete All

Workshop ID: TestWS

Participant ID	Participant Name
----------------	------------------

1:By XLS

2:By Individual

1.By XLS

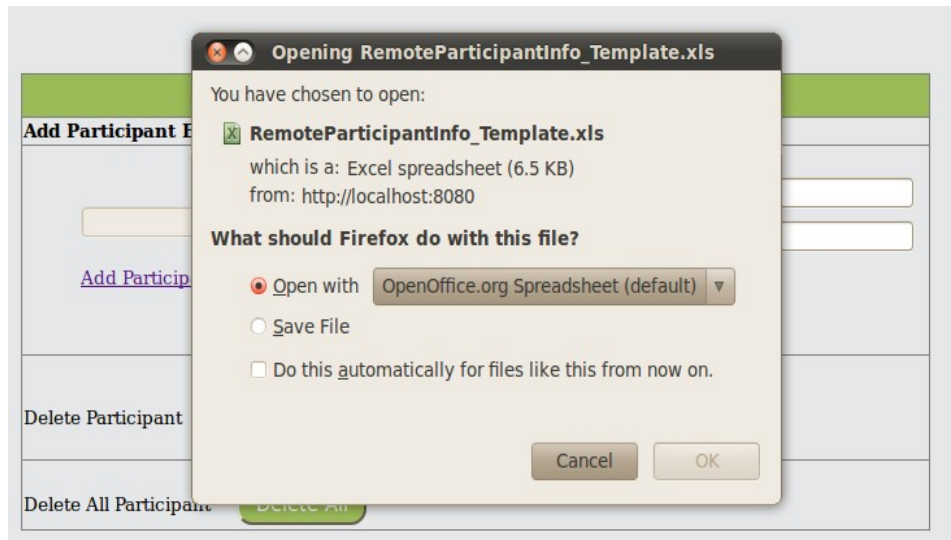
Add Participant BY Xls

Browse...

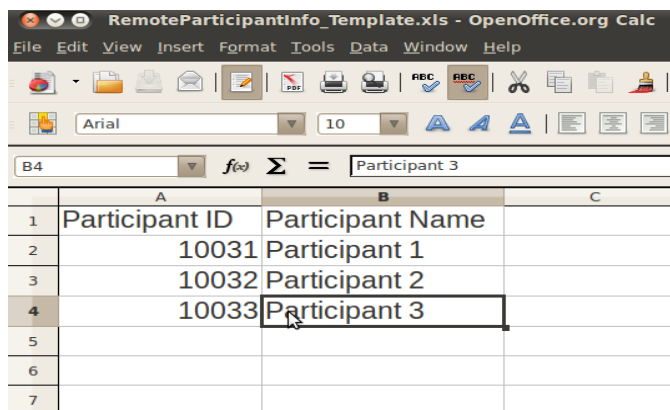
[Add Participant Template](#) Preview

Press this to download the Participant template for add the participant

after Pressing this it will ask for download the xls file

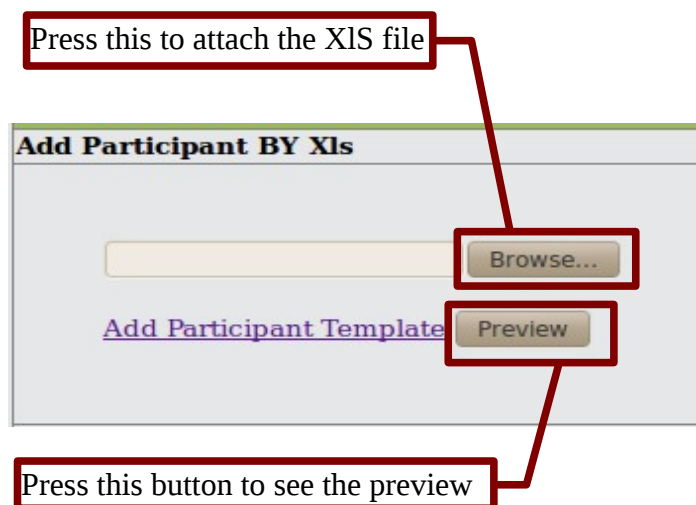


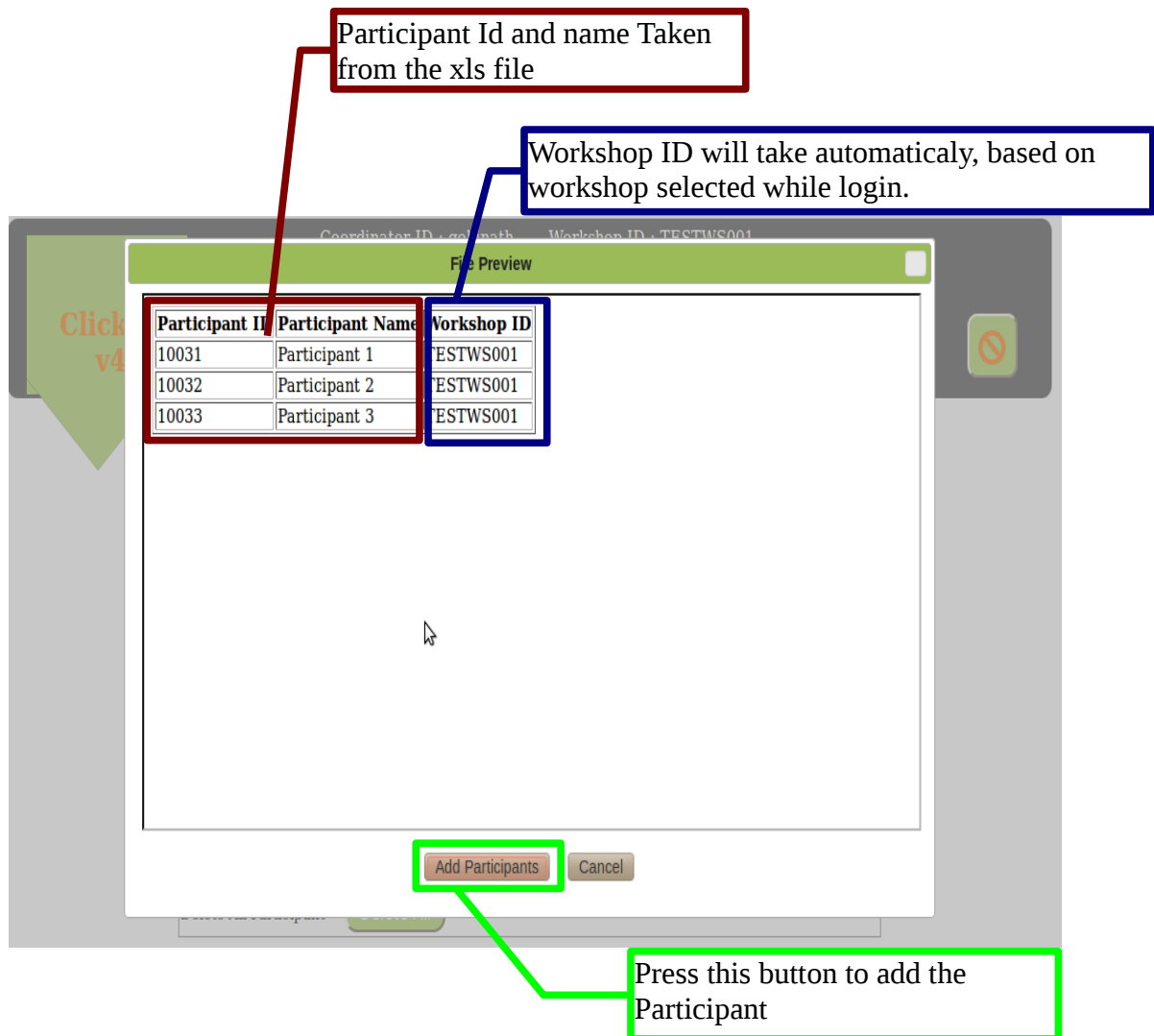
save this file,after the file downloaded open this file and enter the Participant name and ID



after enter the details save the file.

Press the Browse Button to attach the file ,once you attach the file press the preview button to see the Preview





if there is any Mistake in xls file during adding participant it will show error message in file preview .once you see the preview of xls file without error message, press the Add Participant button it will display the success message or error,after the Participant added you can see the list of participant in the below table

Add Participant

Add Participant BY Xls
 Browse...

[Add Participant Template](#) Preview

individual

Participant ID

Participant Name

ADD

Delete Participant Delete Remove Mac

Delete All Participant

Delete All

Workshop ID: TESTWS001	
Participant ID	Participant Name
10031	Participant 1
10032	Participant 2
10033	Participant 3

Participant List

2.By Individual

The screenshot shows a form titled "individual" with two input fields: "Participant ID" and "Participant Name". A red box highlights the "Participant ID" field, and a blue box highlights the "Participant Name" field. A green "ADD" button is located below the fields. A red callout box points to the "ADD" button with the text "Press add button to add participant in the database". A blue callout box points to the "Participant ID" field with the text "Participant Id".

once you complete the above process you are ready for the Auto test, now we will be showing how to conduct the auto test.

Delete Participant:

The screenshot shows the "Add Participant" form in the Clicker system. The form has a header with the Clicker logo and "Student Response System". Below the header, there are fields for "Coordinator ID : gobi", "Workshop ID : TestWS", and "Center ID : 101". There are also "Report" and "Admin" buttons. The main form area is titled "Add Participant" and has two sections: "Add Participant BY Xls" and "individual". The "individual" section has input fields for "Participant ID" and "Participant Name", and a green "ADD" button. Below the "ADD" button, there are two rows of buttons: "Delete Participant" and "Delete All Participant". The "Delete Participant" row has a text input field and a green "Delete" button. The "Delete All Participant" row has a green "Delete All" button. A red callout box points to the "Delete" button with the text "2:press to delete the participant". A blue callout box points to the "Delete All" button with the text "1:Enter Participant ID". A cyan callout box points to the "Delete All" button with the text "You can delete all the participant by pressing delete all".

Remove MAC:

If There is some problem in Tablet you need to change that tablet before changing the tablet you need to remove the mac

Coordinator ID : gobi
Workshop ID : TestWS
Center ID : 101

Report Admin

CLICKER
Student Response System

Logout
IIT BOMBAY

Add Participant

Add Participant BY Xls

Browse... No file selected.
[Add Participant Template](#) Preview

Individual

Participant ID
Participant Name

ADD

Delete Participant [] Delete Remove Mac

Delete All Participant **Delete All**

Workshop ID: TestWS	Participant ID
Participant Name	

Enter the participant ID to
change the tablet

Press to remove the
MAC

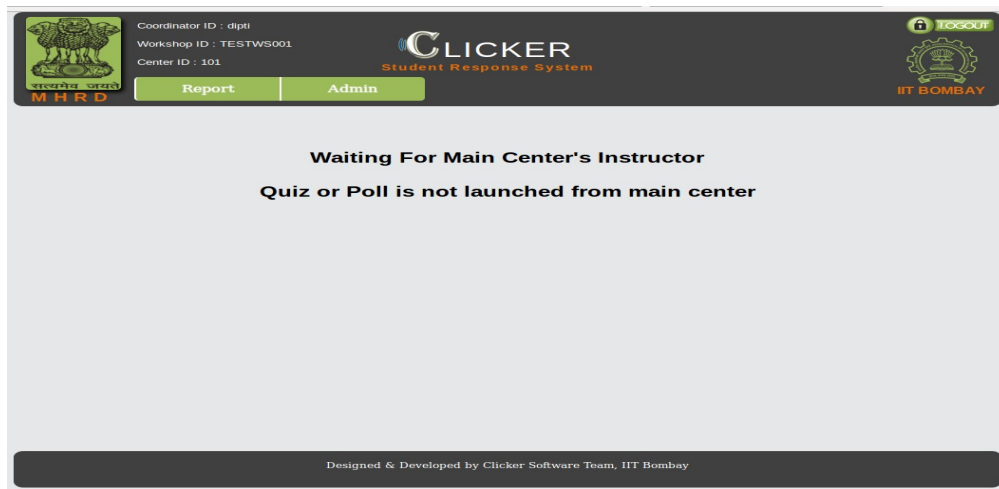
Auto Test:

Auto Test is used check by your side itself, there is no need to launch quiz from main center if you select auto test menu, automatically one dummy quiz will launch, before go for auto test you need to add the participant id

Note: before attending the auto test you need to login in tablet, once the auto test is press the quiz will launch in your screen after launching the quiz tab the quiz button in tablet (its similar to **Conduction of Quiz but only change is report chat see page no: 16**)

Conduction of Quiz

1. After successful login in remote mode, coordinator came see below screen.



2. Once Quiz is launched from maincenter (eg. IIT Bombay), quiz will be display on screen as below.

This show how many response have been received out of total participant

This shows the timer for the quiz

This display the question of the quiz along with options

Coordinator ID : dipti
Workshop ID : TESTWS001
Center ID : 101

CLICKER
Student Response System

Report Admin

Responses : 0 / 10

0 : 58

1 . A Carnot cycle has an efficiency of 0.75. If the temperature of the high temperature reservoir is 727 degree celsius, what is the temperature of low temperature reservoir?
A. 23 degree celsius
B. -23 degree celsius
C. 0 degree celsius
D. 250 degree celsius

2 . Nitrogen gas (molecular weight 28 gm/mol) is enclosed in a cylinder by a piston, at the initial condition of 2 bar, 298 K and 1m³. In a particular process, the gas slowly expands isothermally, until the volume becomes 2m³. Heat exchange occurs with the atmosphere at 298 K during this process. The entropy change of the universe during the process in kJ/K is
A. 0.465
B. 0.007
C. 0
D. -0.671

3 . In a gas turbine, hot combustion products with the specific heats $c_p = 0.98 \text{ kJ/kg.K}$, and $c_v = 0.7538 \text{ kJ/kg.K}$ enters the turbine at 20 bar, 1500 K and leaves at 1 bar. The isentropic efficiency of the turbine is 0.94. The work developed by the turbine per kg of gas flow is
A. 689.64 kJ/kg
B. 794.66 kJ/kg

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3. Once quiz is over , response will be collected from participant tablets, and we will see display like below

This indicates response are still getting collected from participant.



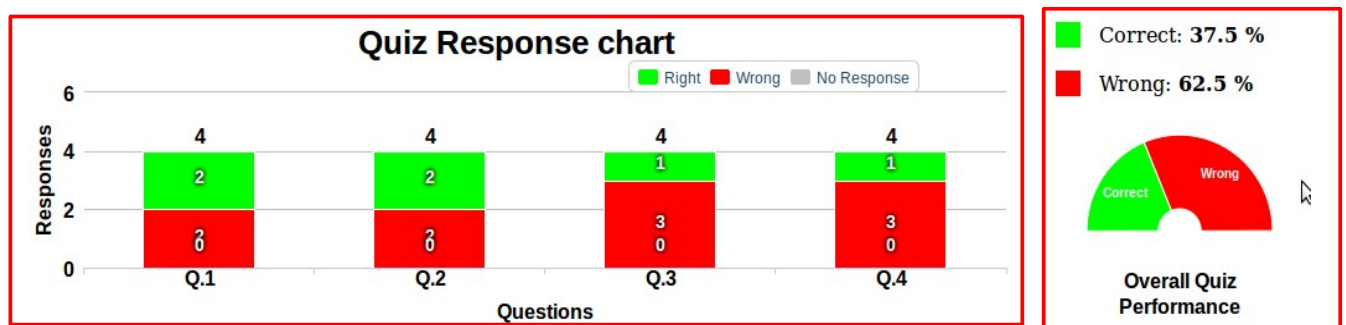
Please wait responses are still getting collected hence chart will get update...

4. Once response get collected, coordinator will see below screen with charts.

This indicates response are still getting collected and chart will get refreshed



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

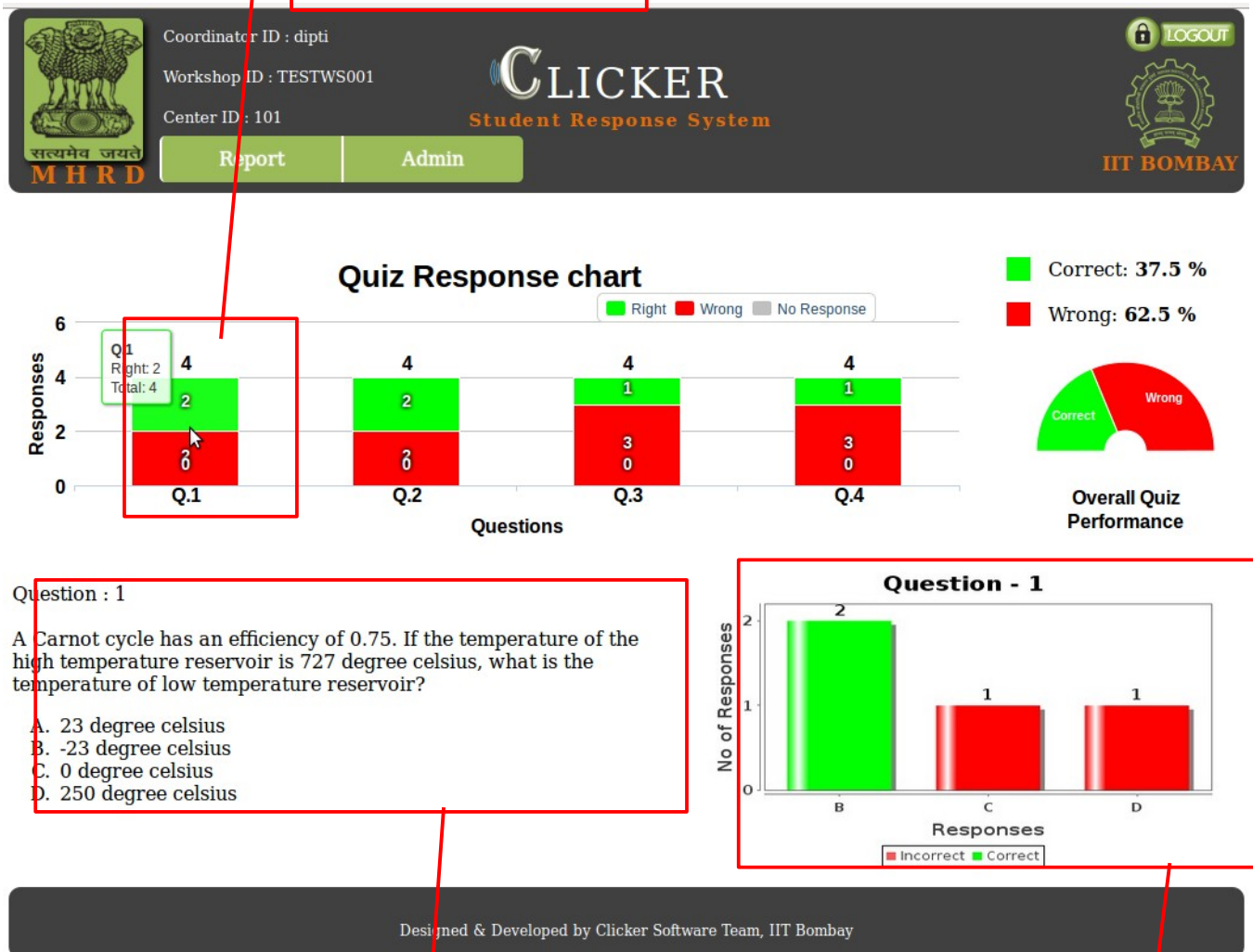


This show chart of question wise response for particular quiz, Each bar represent each question response

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

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

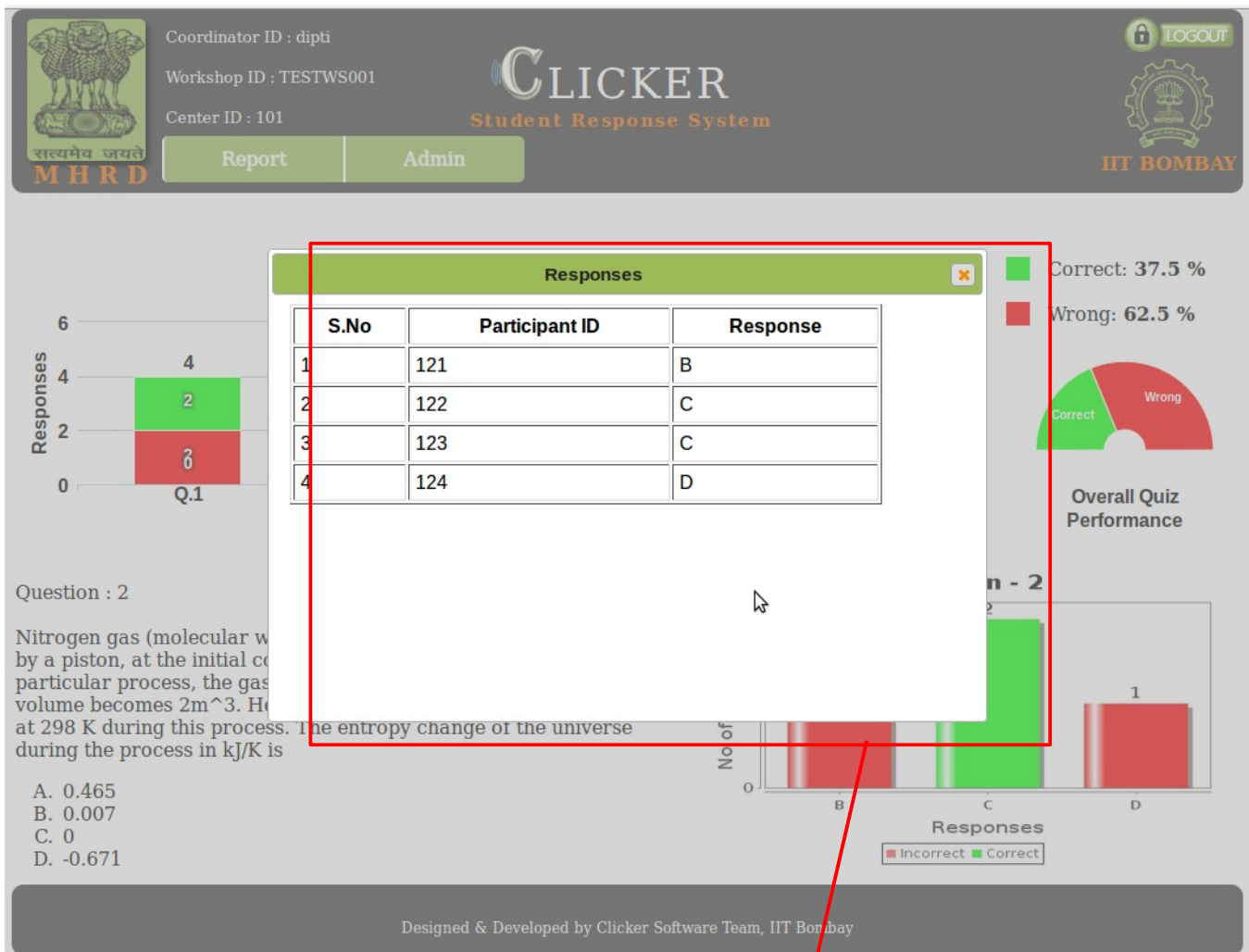
1. When you click on any particular question bar of chart eg. In this Question 1 (Q.1)



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 participant along with their responses.

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

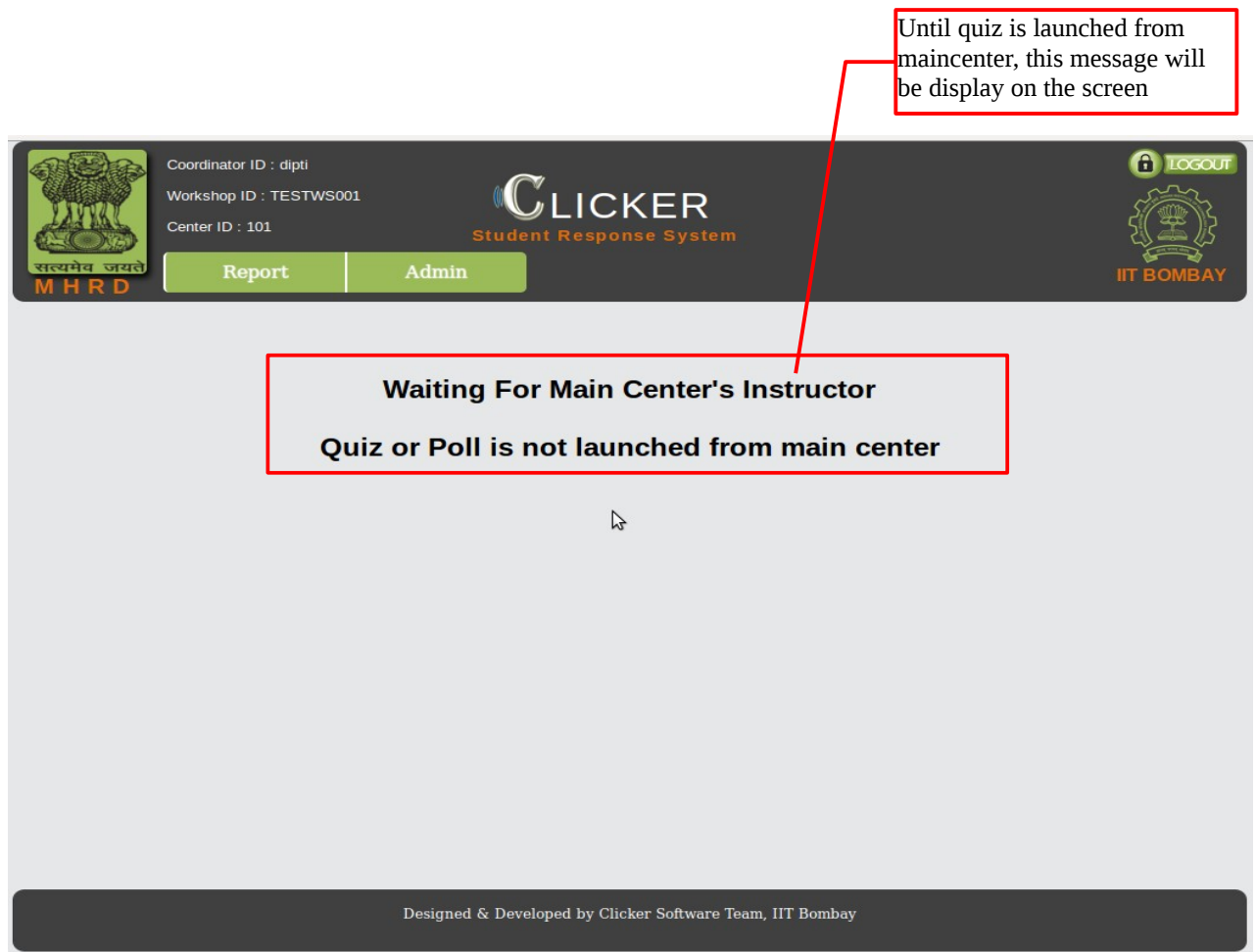


Participant list along with their response for this question

Instant Quiz

Instant quiz are those quiz in which actual question and its option value are projected on projector or in presentation on some screen, but in tablet or in instant clicker quiz, we get a general question type and option of that question type. Participant has to refer to presentation and projector for question and option and select correct answer as per their wish on tablet screen.

Before any Quiz or Poll is launched, the coordinator will see following screen.



Once instant quiz is launched from Main Center (eg. IIT Bombay), you will receive instant quiz on your system screen and it will look like below.

This indicates that it is instant quiz

This indicates how many response has come ,out of total participant

This is time for quiz

Coordinator ID : dipti
Workshop ID : TESTWS001
Center ID : 101

LICKER
Student Response System

Report Admin

LOGOUT

IIT BOMBAY

Instant quiz

Responses : 0 / 10

1 : 39

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

2 . Select the options from the following
A. Option 1
B. Option 2
C. Option 3
D. Option 4
E. Option 5

3 . Enter the correct ans

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This is dialog, where questions of instant quiz is display, along with options

Once instant quiz is over and timer becomes 00:00 , then responses from all participant will start getting collected.

This indicates that still response are getting collected from tablets of participant



The header of the Clicker Student Response System interface. It features the MHRD logo on the left, the Clicker logo in the center, and the IIT Bombay logo on the right. The text 'Coordinator ID : dipti', 'Workshop ID : TESTWS001', and 'Center ID : 101' is displayed. There are 'Report' and 'Admin' buttons, and a 'Logout' button with a lock icon.

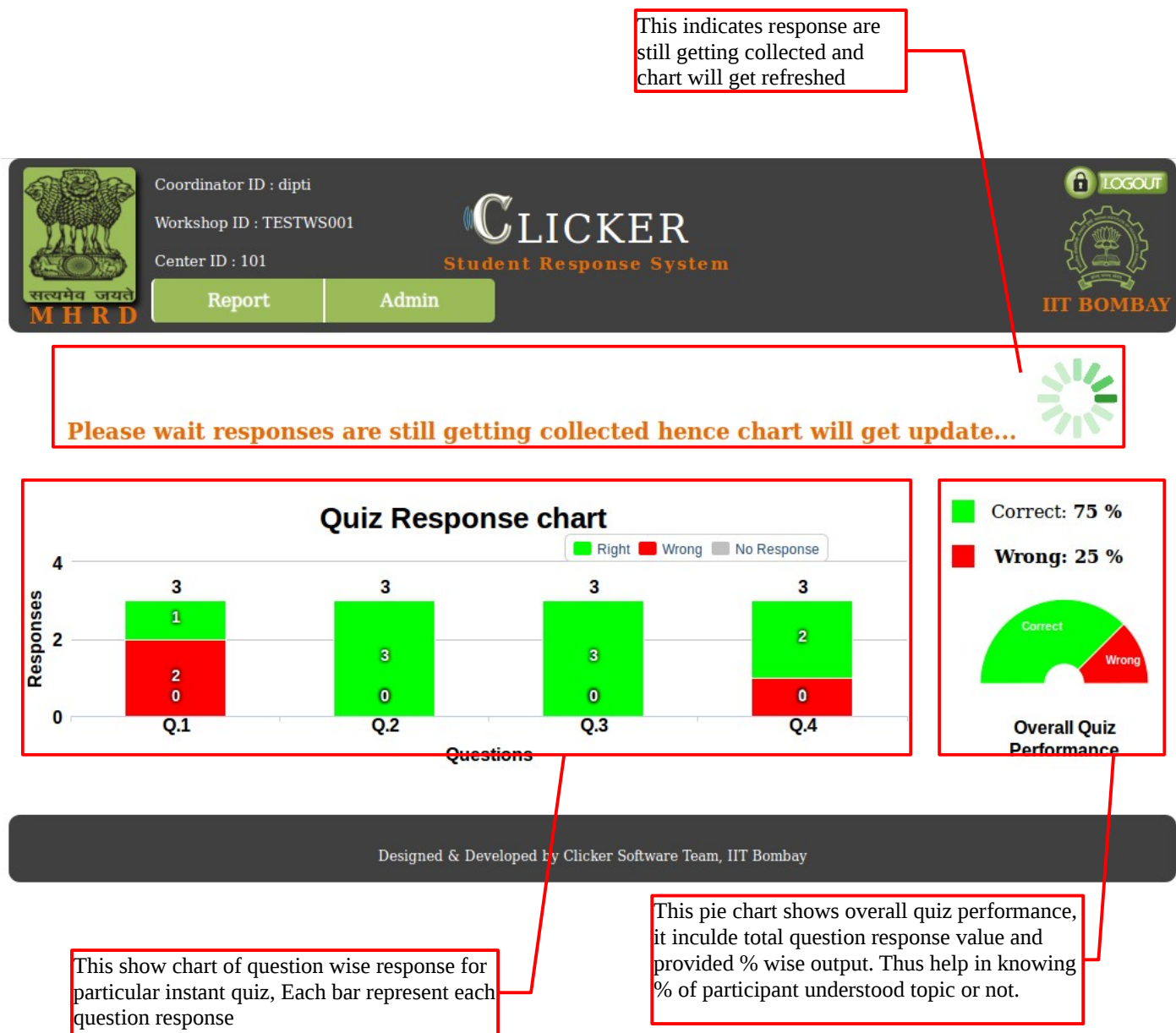
Please wait responses are still getting collected hence chart will get update...



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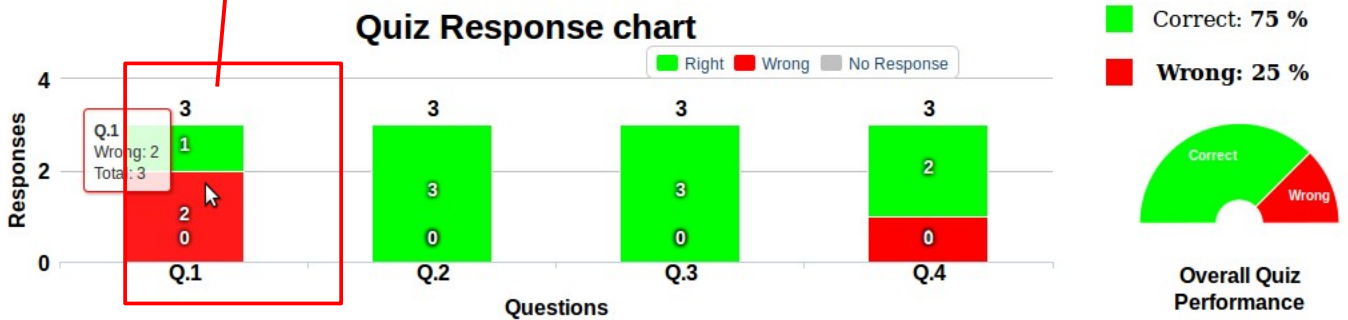
This display message that response are still getting collected once response get collected chart can be seen

Once response are collected you can see following screen



Once you click on bar of chart , you will be able to see responses of participant for that particular question.

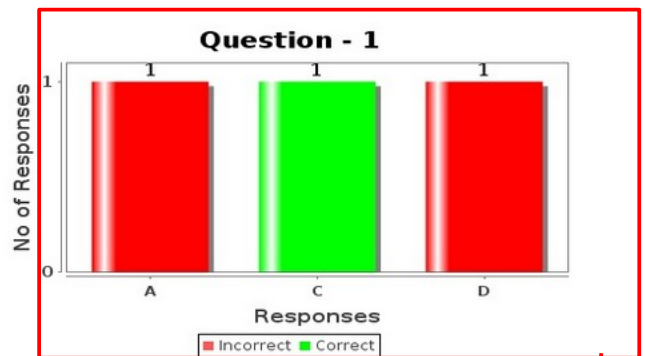
1. When you click on any particular question bar of chart eg. In this Question 1 (Q.1)



Question : 1

Select a option from the following

1. Option 1
2. Option 2
3. Option 3
4. Option 4

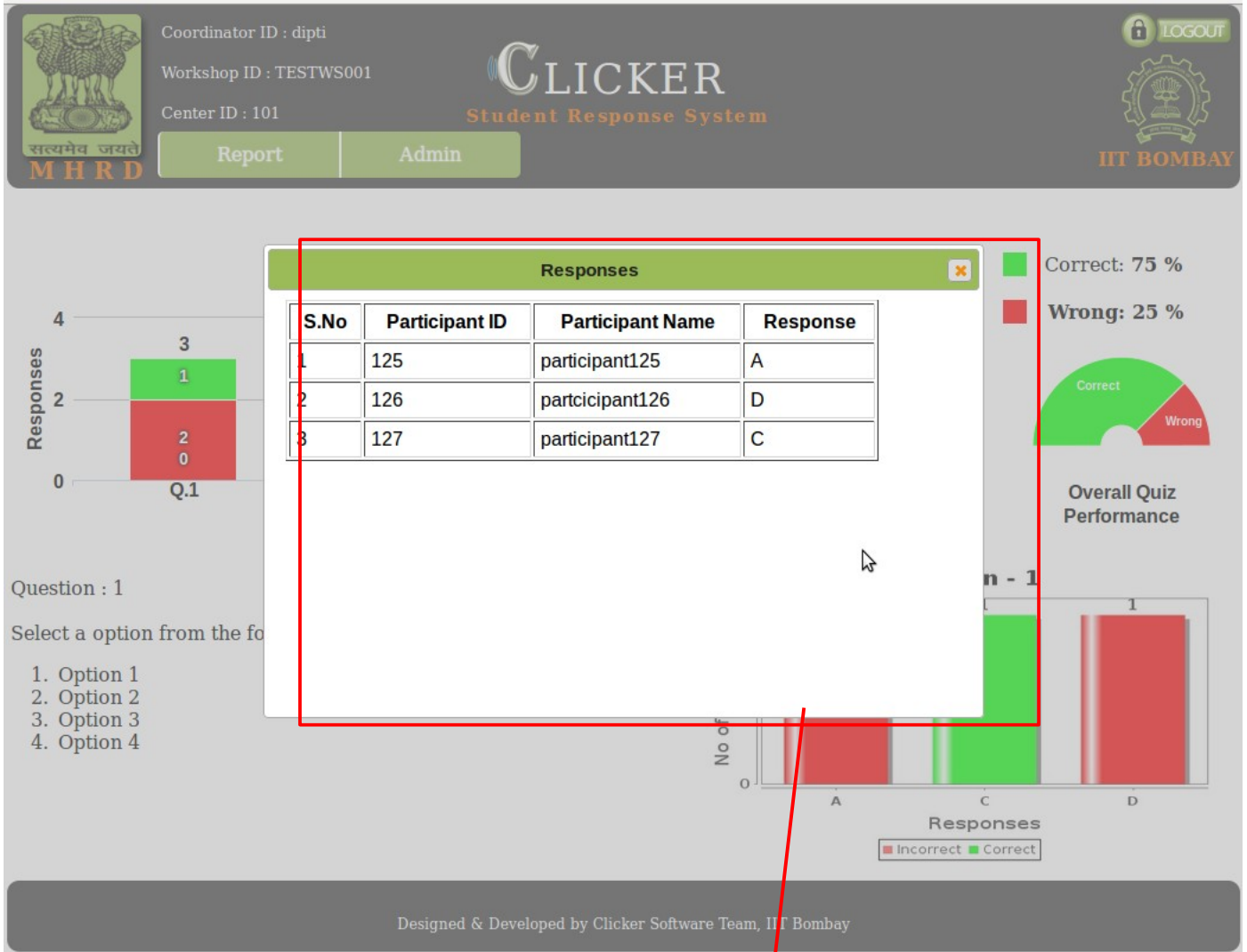


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2. A) Once question bar is clicked, we will be able to see question detail of that question. We will see question and its option list.

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 participant along with their responses.

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



Participant list along with their response for this question

POLL

At all Remote centres timer will get displayed when main centre launches the poll.

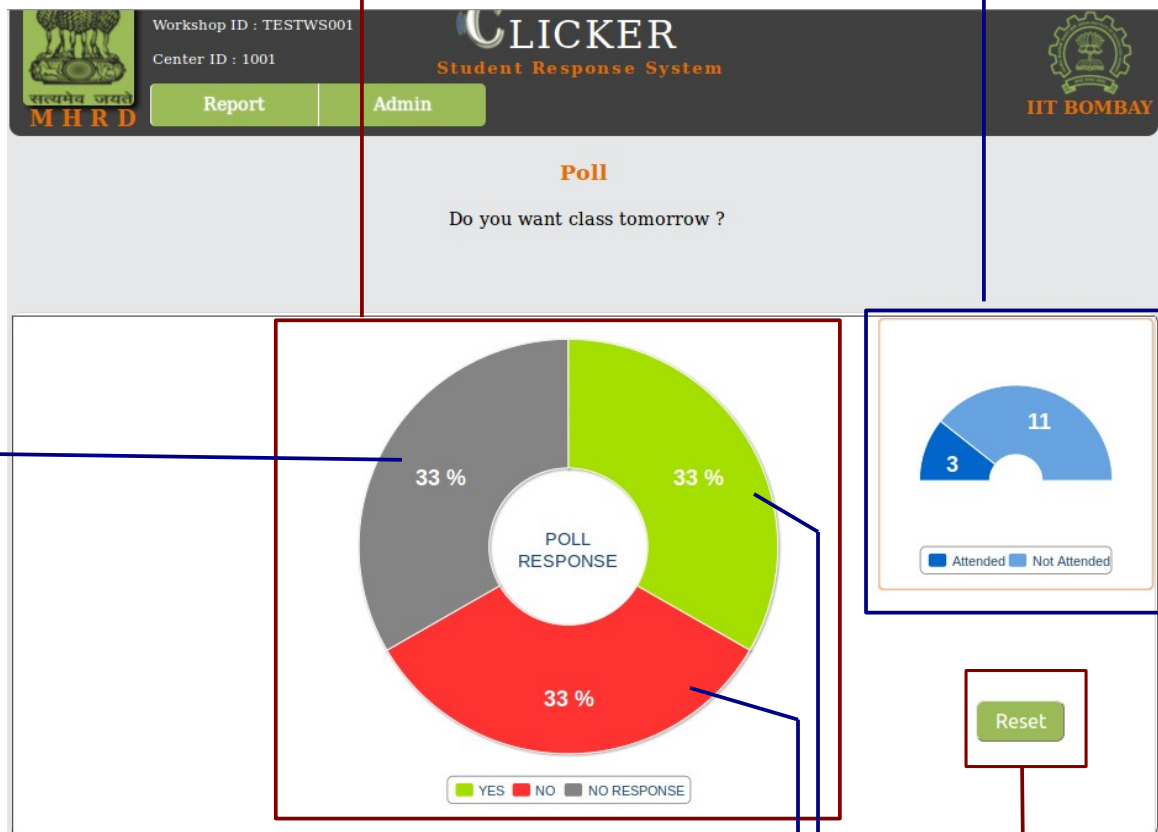
Poll question will get displayed here.

The screenshot shows the CLICKER Student Response System interface. The top header bar is dark grey and contains the following elements from left to right: the MHRD logo with the text 'सत्यमेव जयते' and 'MHRD'; the text 'Coordinator ID : kirti', 'Workshop ID : TESTWS001', and 'Center ID : 1001'; the 'CLICKER Student Response System' logo; a 'Report' button; an 'Admin' button; a 'Logout' button with a lock icon; and the IIT Bombay logo. Below the header, the main content area has a light grey background. In the center, the word 'Poll' is displayed in orange. Below it, a blue-bordered box contains the poll question: 'Do you want class tomorrow ?'. At the bottom center, a red-bordered box displays a 'Countdown' timer showing '14 seconds' in orange. A red line connects the top text box to the 'Logout' button and the 'Countdown' box. A blue line connects the middle text box to the poll question box.

After poll timer gets over following page get displayed which shows responses of all participants from that respected remote centre.

This chart will show the poll responses in percentage.

This chart will show the number of participants those who attended the poll and those who didn't.



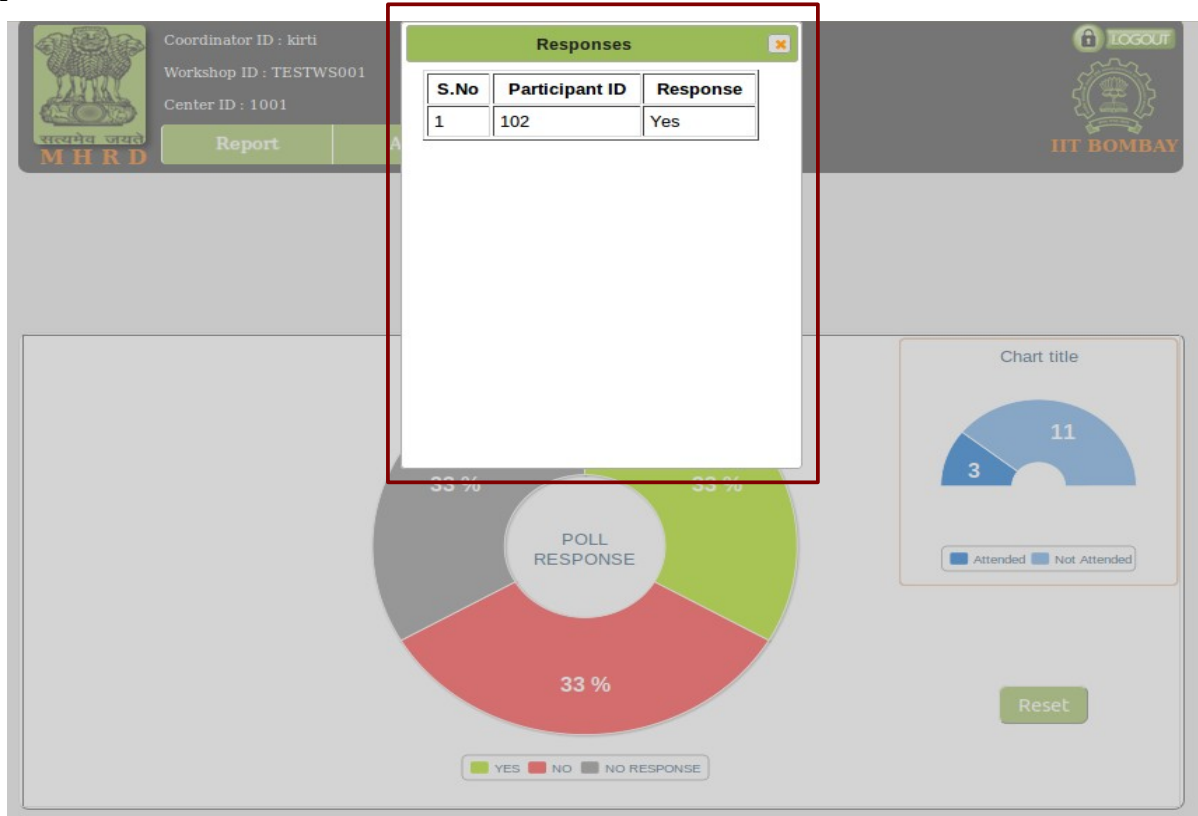
In this chart the **Green** area represents the percentage for number of participants who gave poll response as "Yes".

The **Red** area represents the percentage for number of participants who gave poll response as "No".

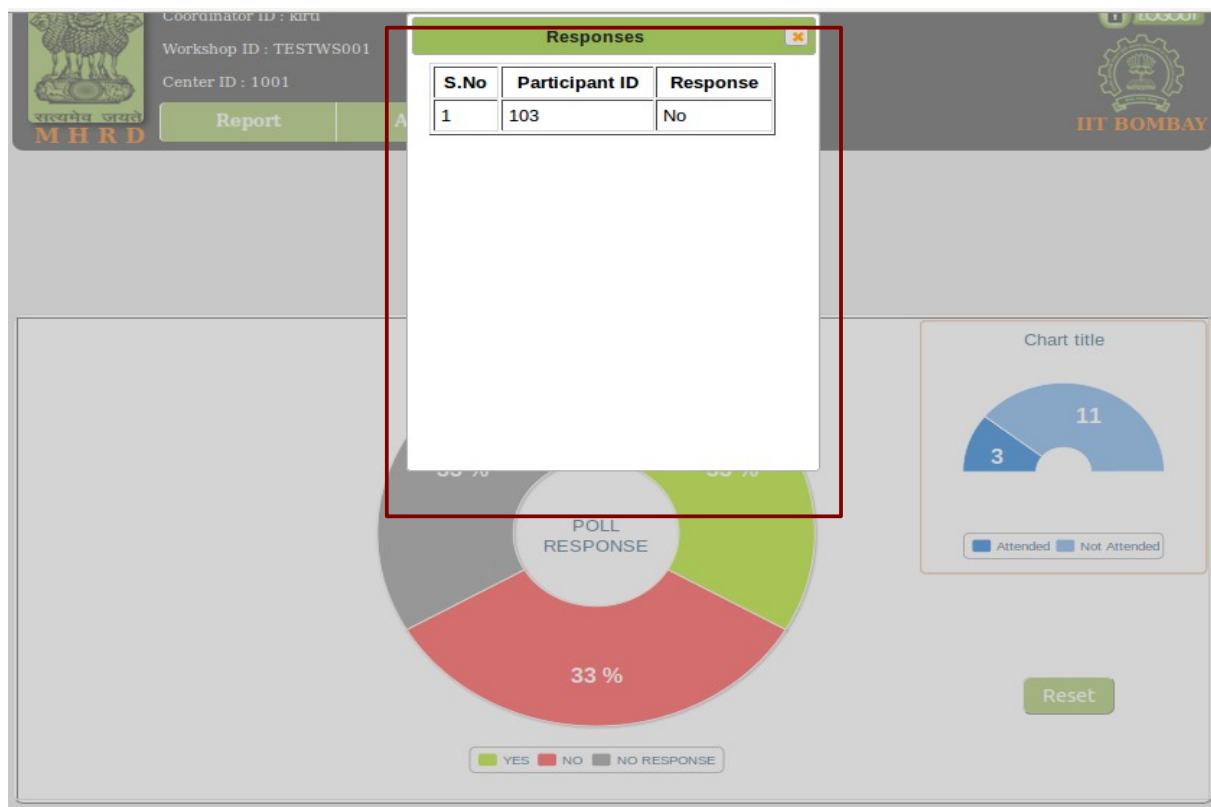
The **Grey** area represents the percentage for number of participants who fetched the poll but doesn't responded.

By clicking on reset button instructor can go back to conduct poll page.

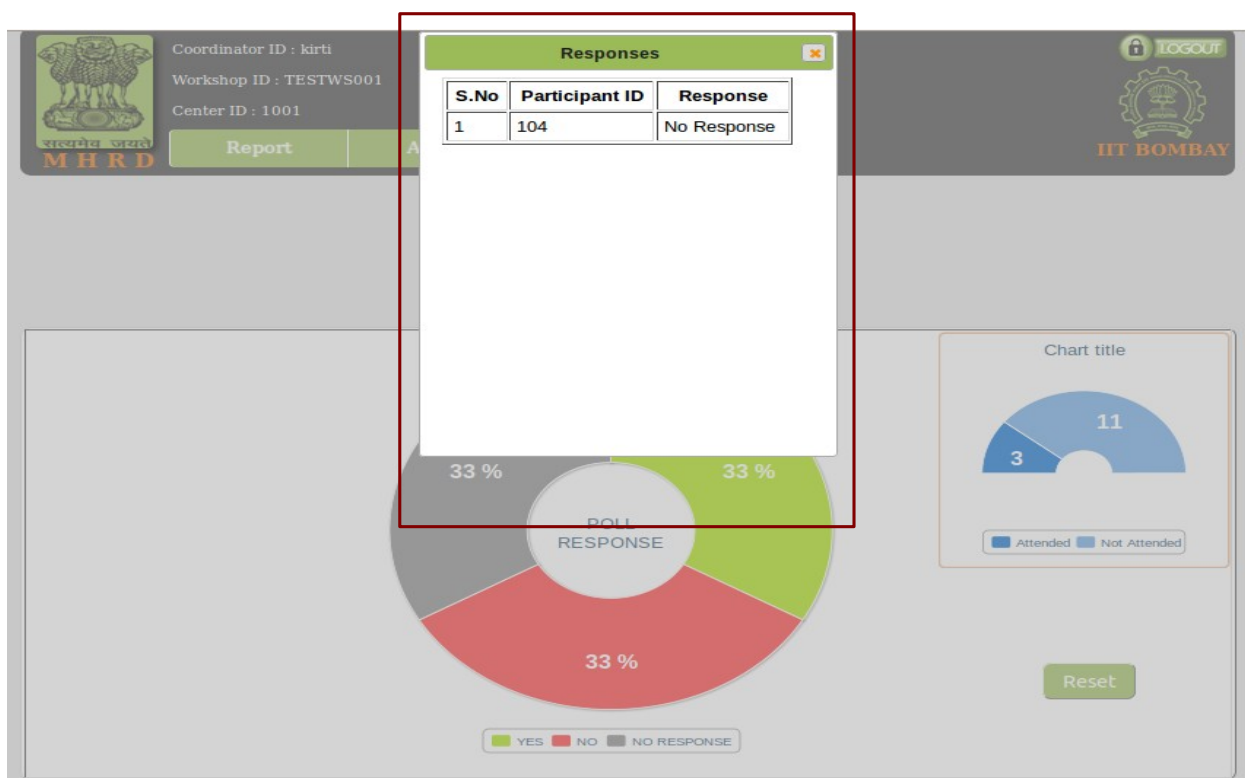
When you click on **Green** area, one pop up will appear showing the list of participants who responded **“Yes”**.



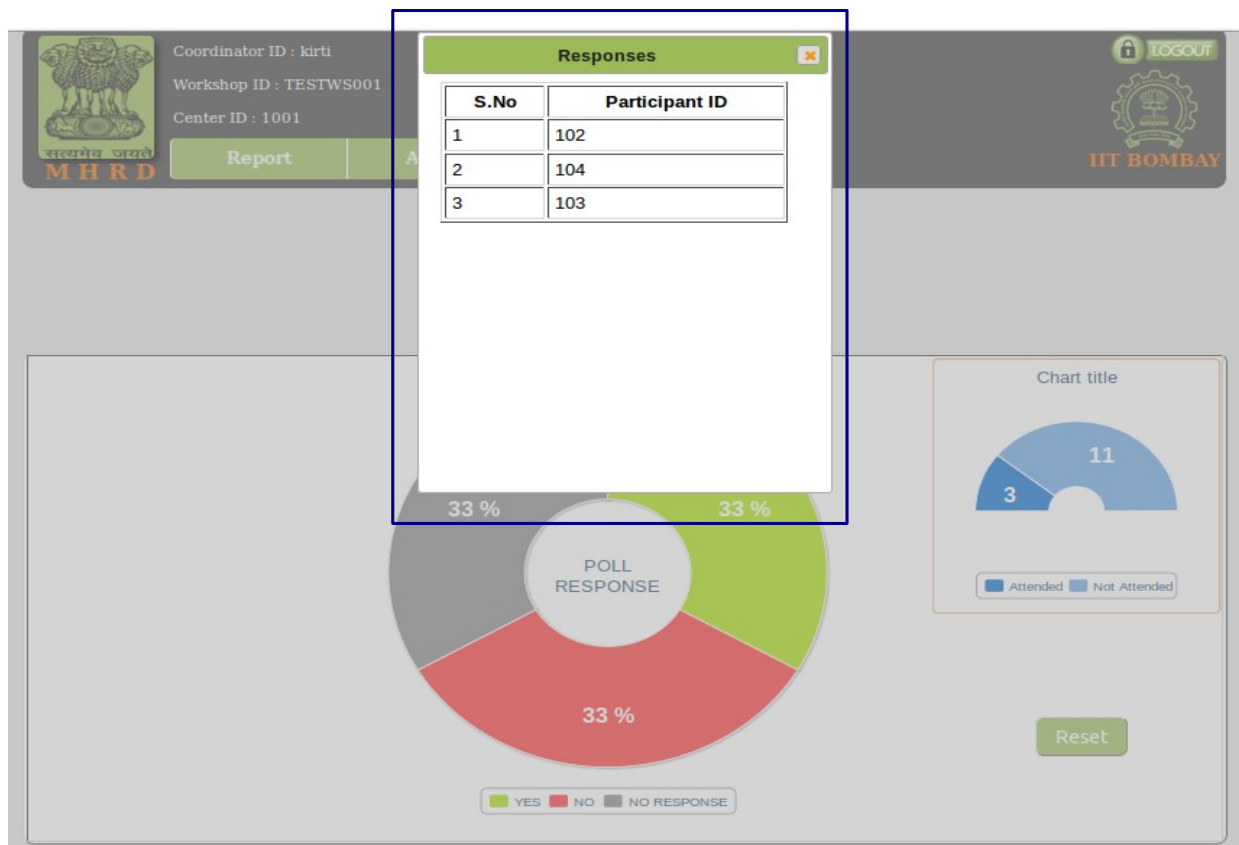
When you click on **Red** area, one pop up will appear showing the list of participants who responded **“No”**.



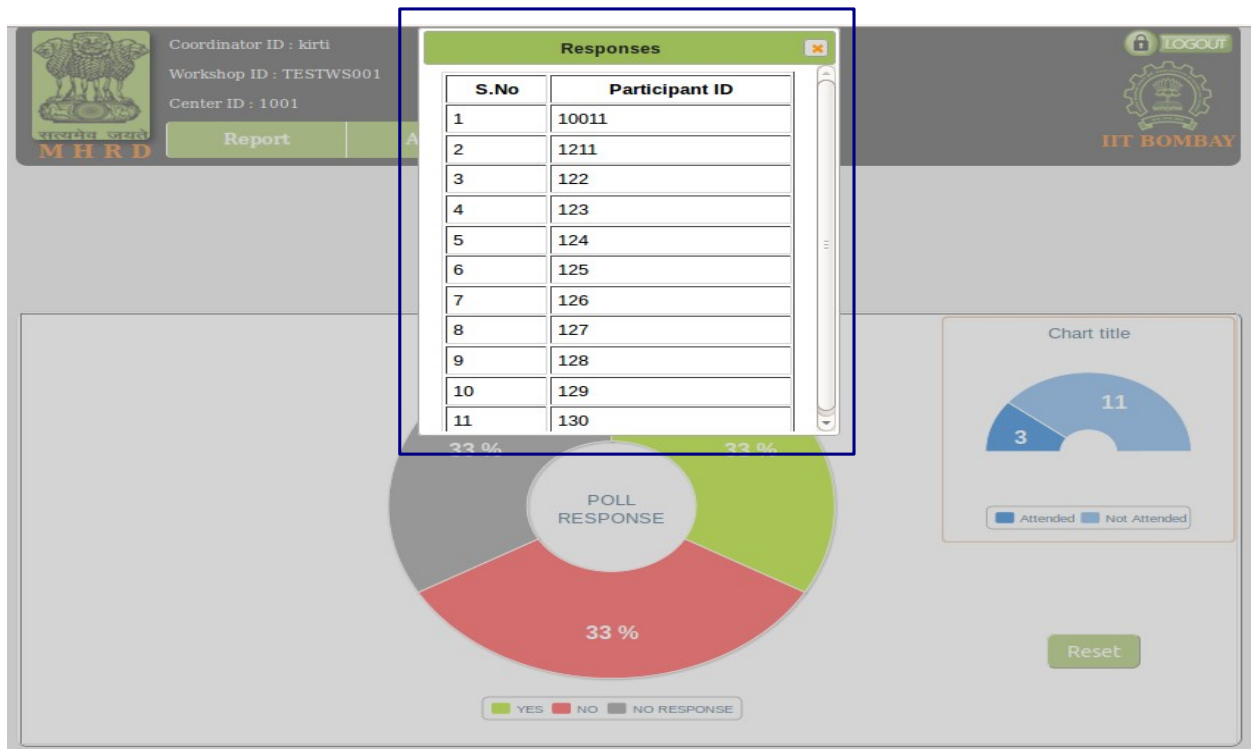
When you click on **Grey** area, one pop up will appear showing the list of participants **who fetched the poll but doesn't responded**.



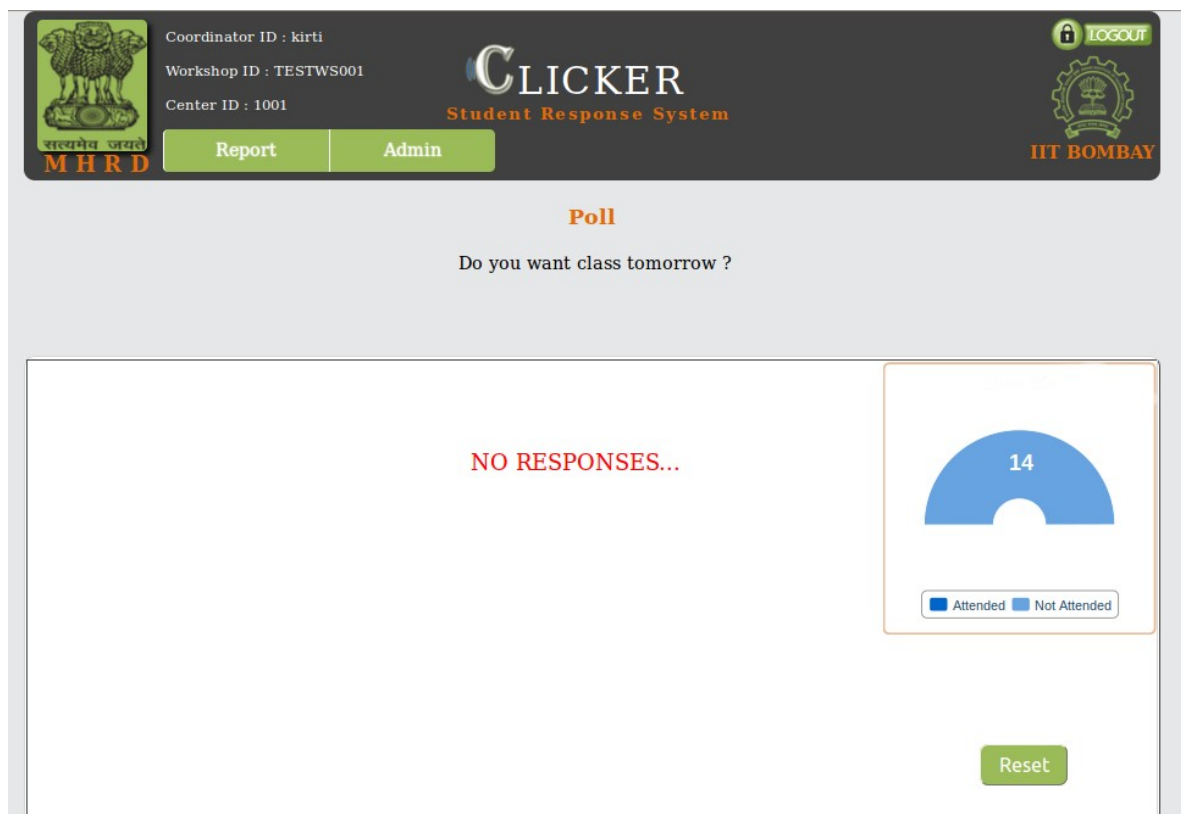
In right hand side's **attendance** chart when user clicks on **dark blue** color area it will display list of participants who **attended the poll**.



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



Suppose all the participants didn't attended poll, then “**no response**” message will gaet displayed on response page.



Report Module (Dashboard) :

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

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.

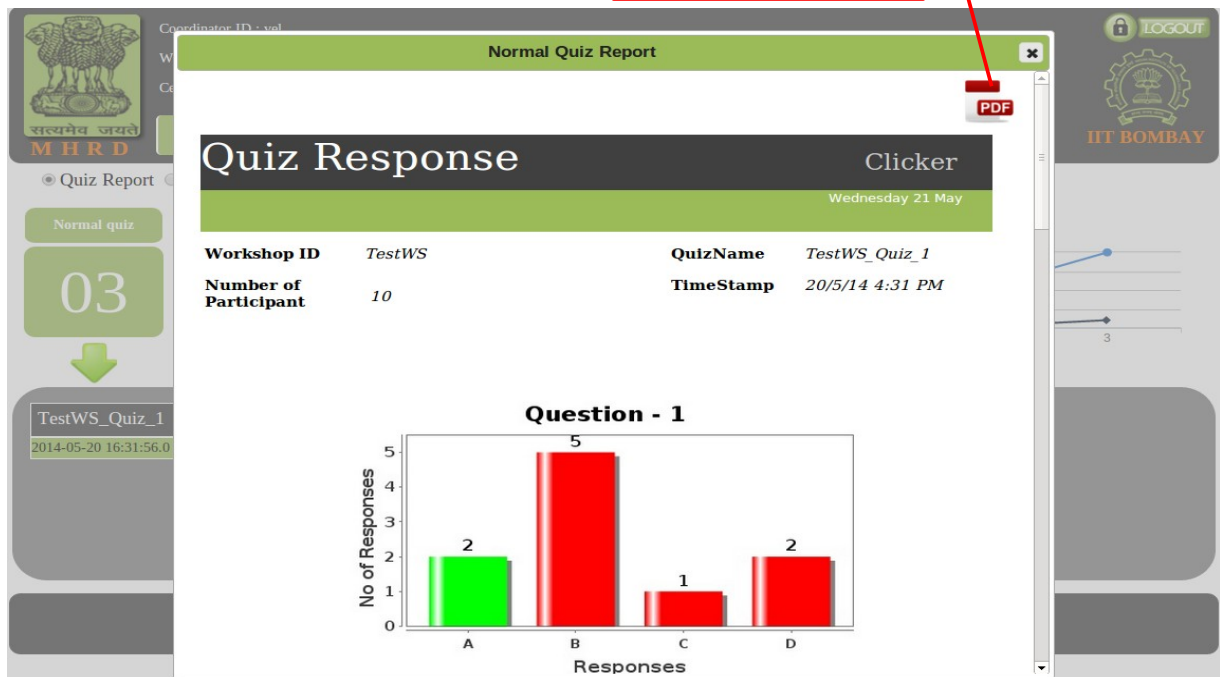


Quiz Response Report :

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

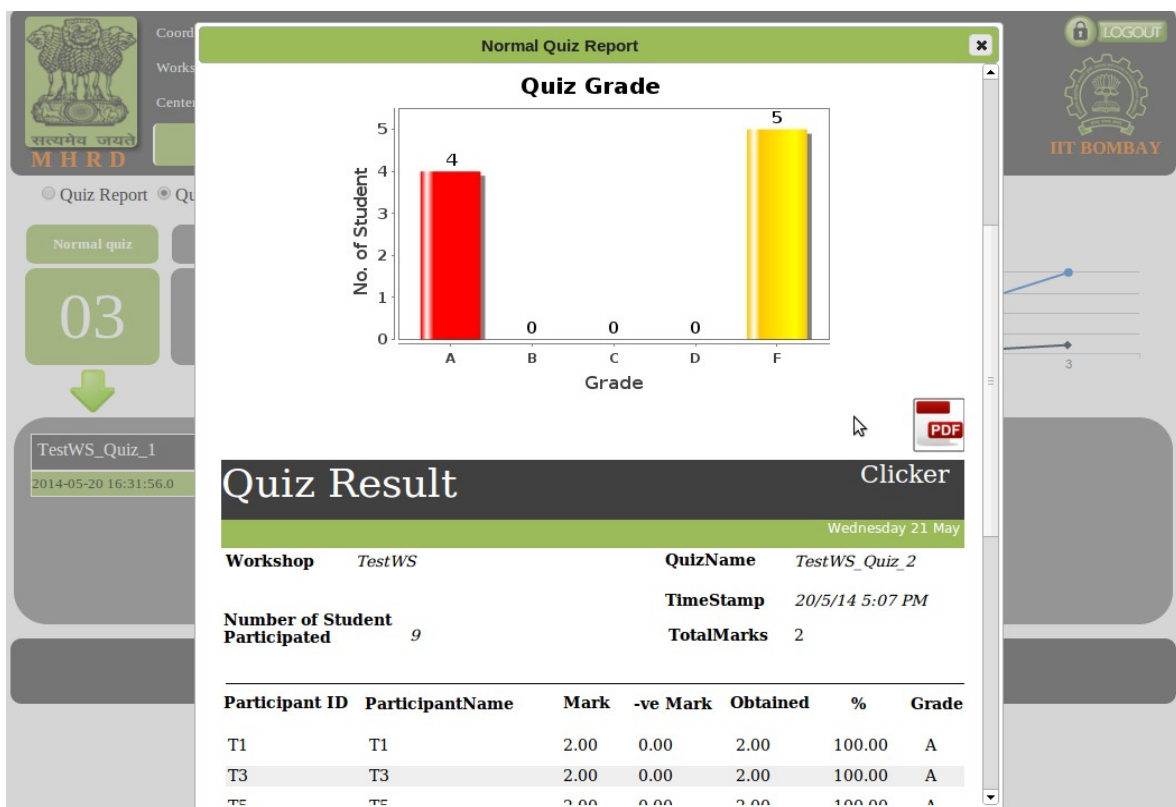


Clicking the PDF Icon , the PDF report is downloaded



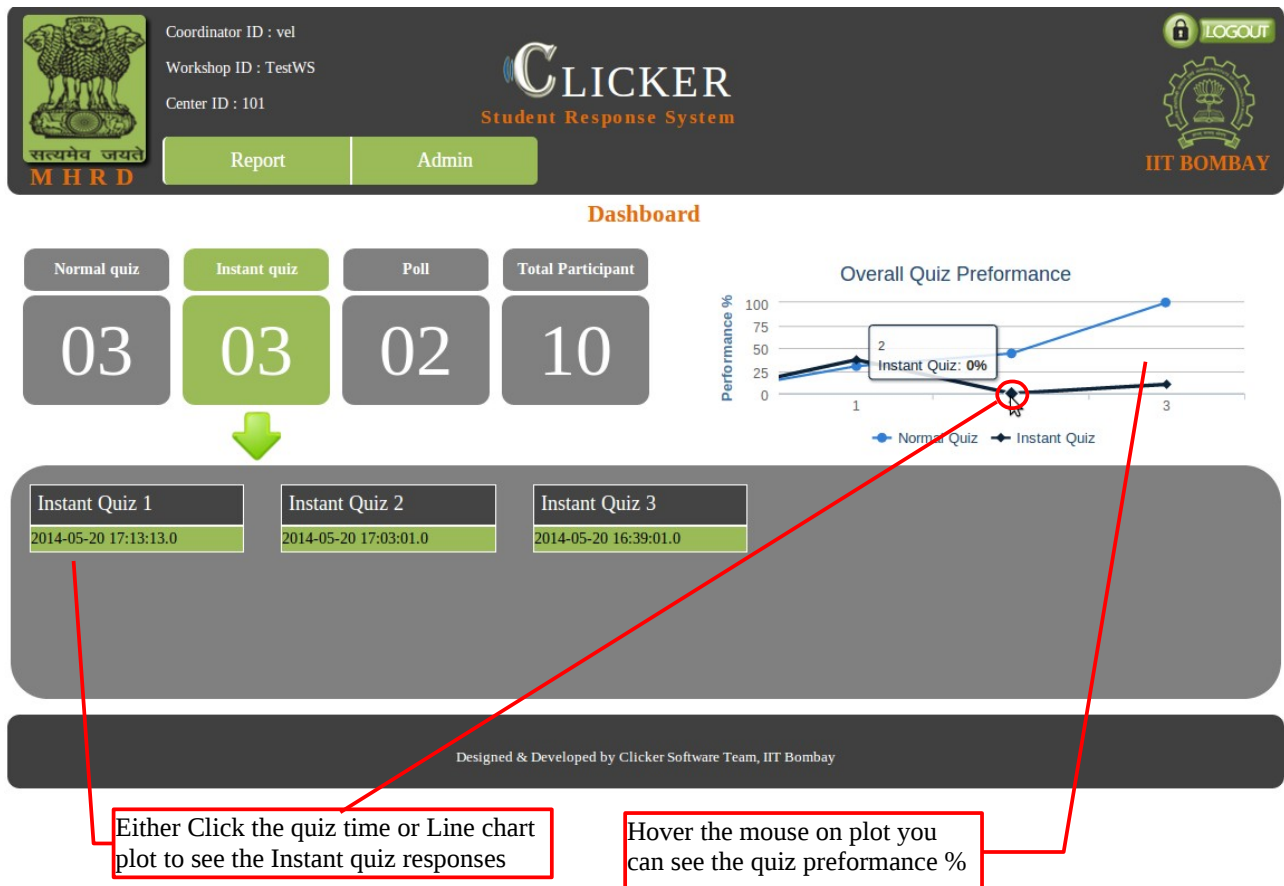
Quiz Result Report :

Normal quiz result is shown with chart and individual participant result with percentage and grade. You can download the report as PDF by click the PDF icon. Before click the quiz time or plot, select the Quiz Result option button.

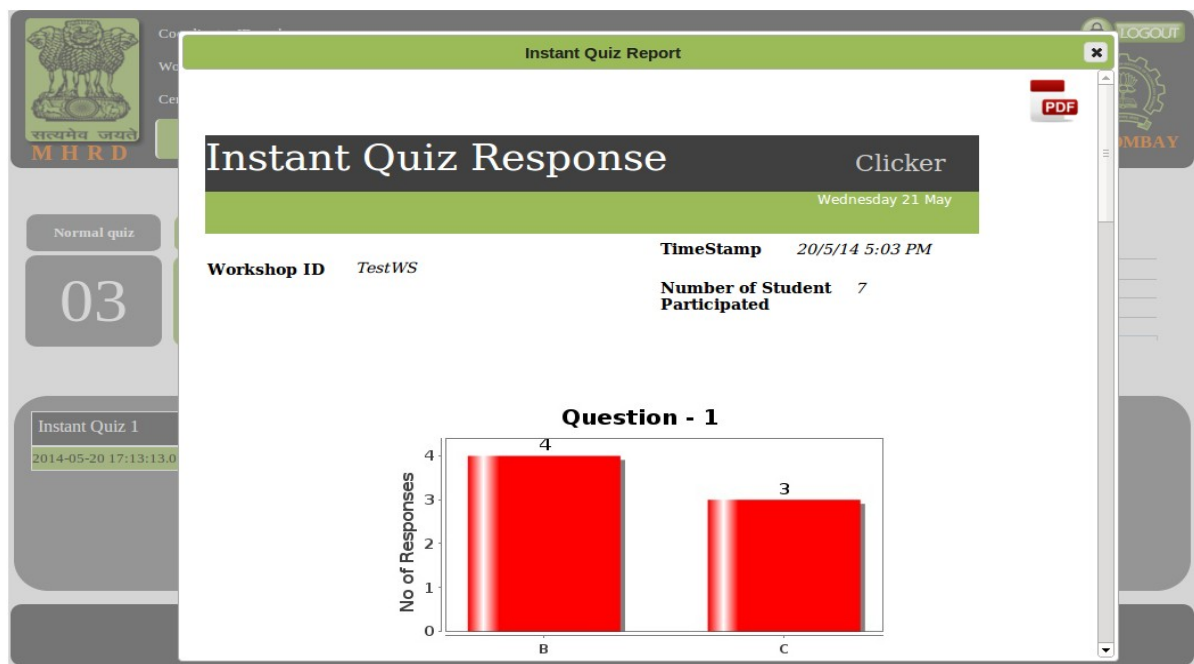


Instant Quiz Report :

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



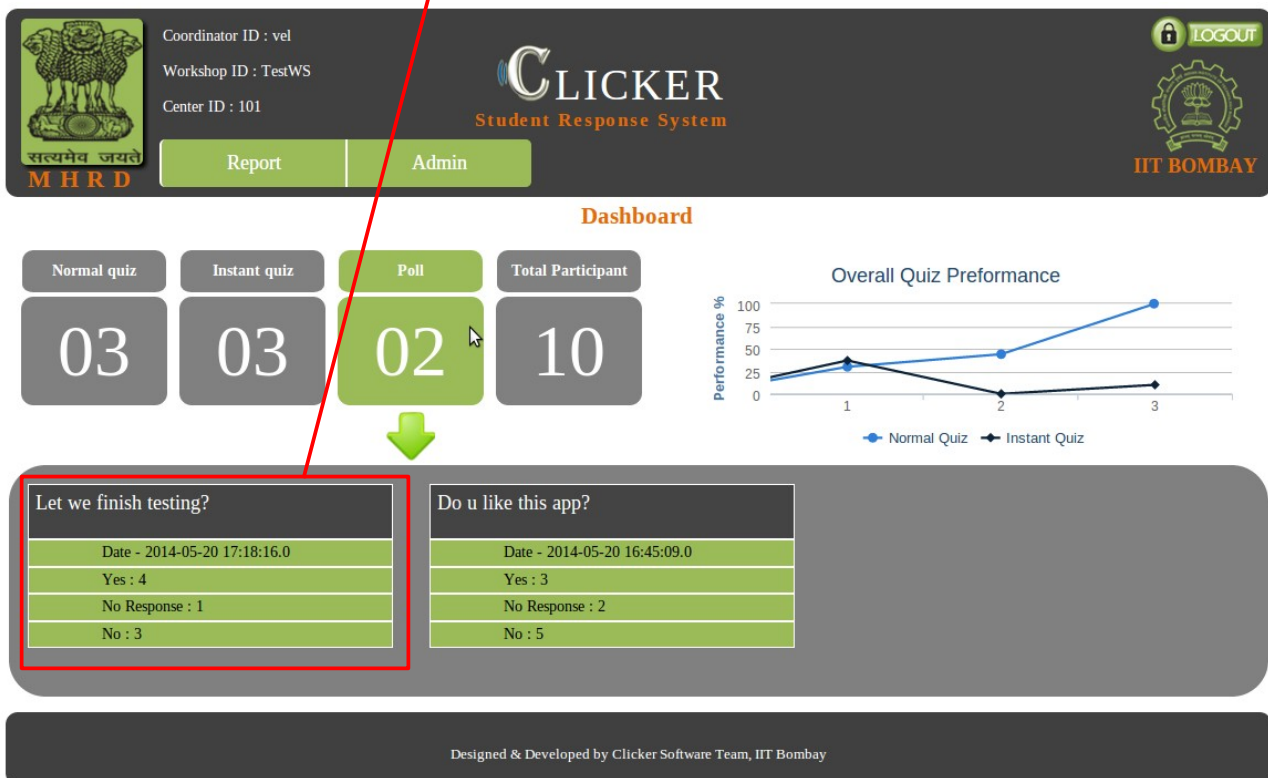
Instant Quiz responses with chart and individual participant responses. On click of PDF icon you can download the report as PDF.



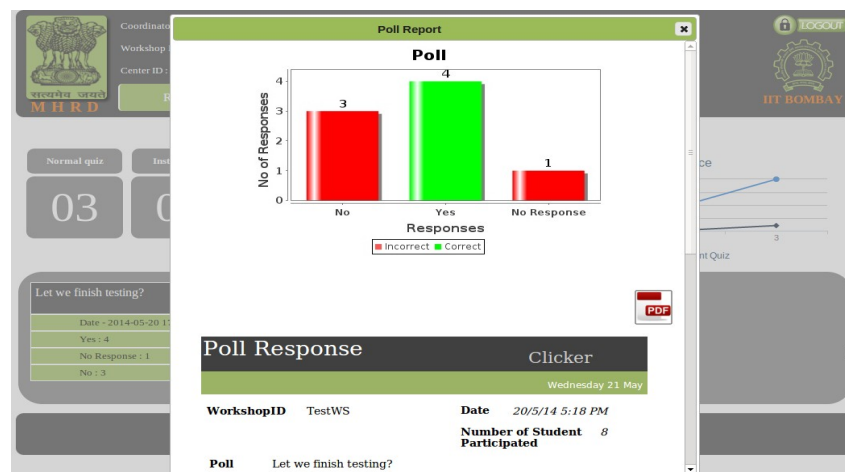
Poll Report :

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

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



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



Participant Report :

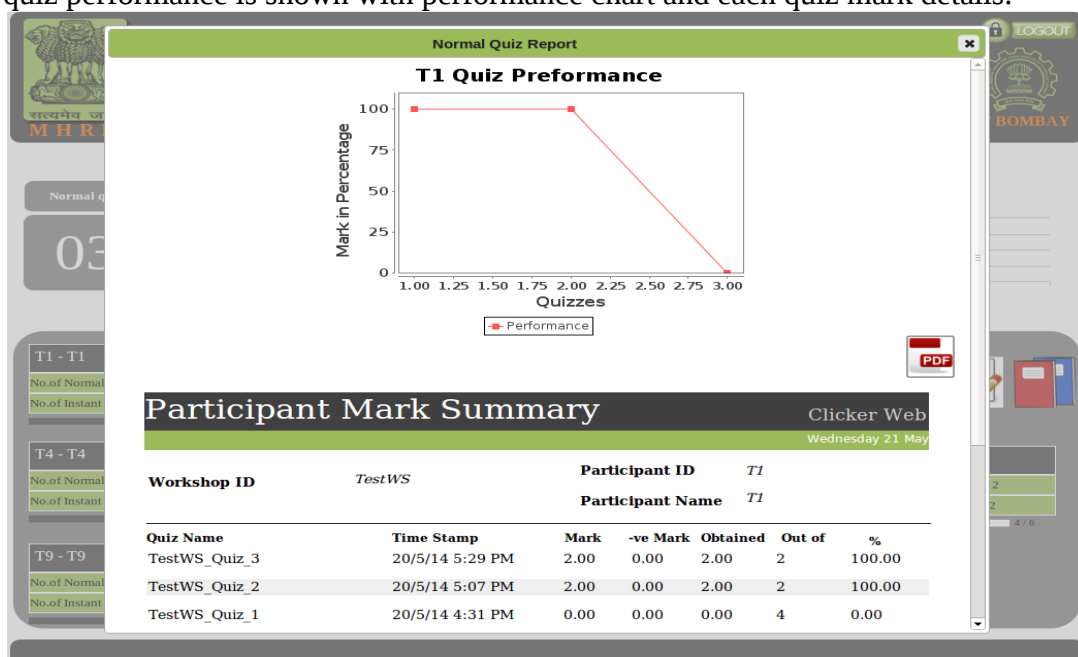
Click the Total Participant, the list of participant is displayed in a box with participant name, id and number of normal and instant quiz participated. Below each participant, progress bar to show the number of quiz attempted out of number of quiz conducted. Two icons to get the report of Participant List and Attendance.



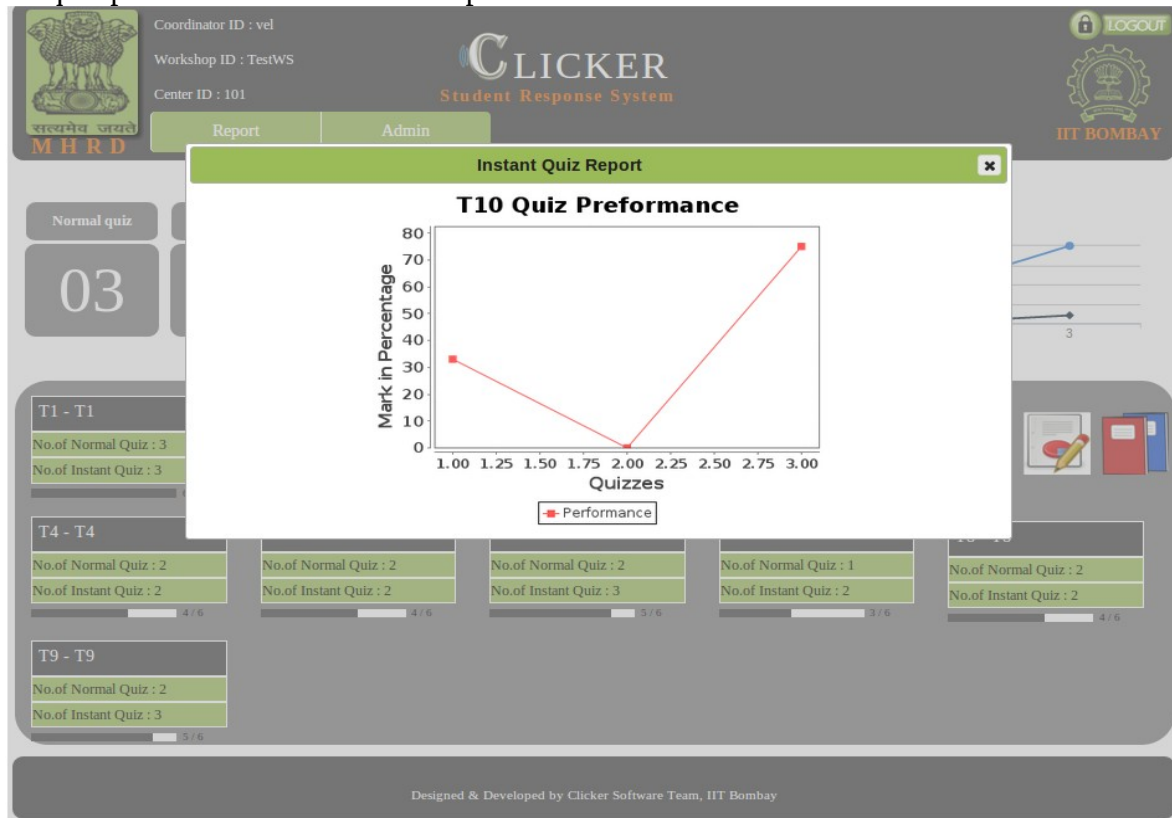


Participant Normal Quiz Performance :

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



Instant quiz performance is shown with performance chart.



Participant List Report :

List of participant for the coruse is shown and you can download it as PDF.

Participant List

Clicker

Wednesday 21 May

Workshop ID TestWS No of Students 10

Participant ID	Participant Name
T1	T1
T10	T10
T2	T2
T3	T3
T4	T4
T5	T5
T6	T6
T7	T7
T8	T8
T9	T9

Participant Attendance :

List of participant with abstant and present detail is shown with chart based on the date and session. You can download the report as PDF.

