

**Arham Education  
Institute Management System**

**USER MANUAL**

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## **1. Introduction**

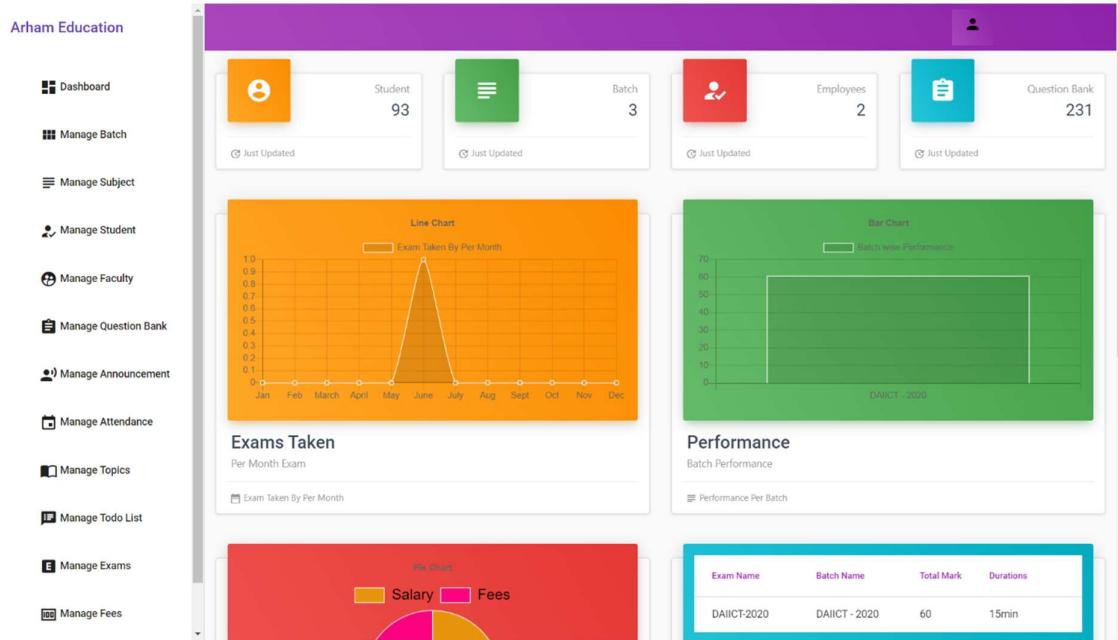
This document lays out a User Manual for the development of “Institute Management System” for the “Arham Education”. The intended readers of this document are Admin, Faculties, Students. This User Guide gives a summary of the system functionality.

This system is intended to be used by “ARHAM EDUCATION” only. By using this system, the institute can manage activities of institute and can track the performance of all students and faculties. We aim to develop this system which would enable Faculties, Tutors and Students work easy.

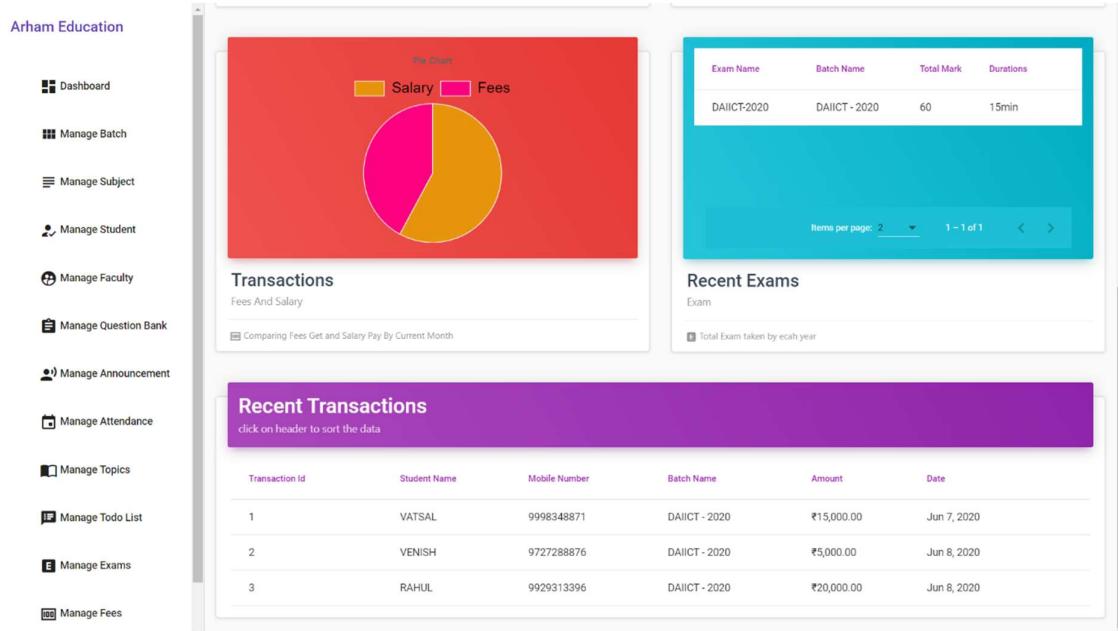
Arham Institute Management System is an online management system by using it the owner of the institute can manage daily activities like attendance of students, fee payment details, salary payment details and can also generate question paper and conduct online exam.

## 2. Admin

### 2.1. DashBoard



Here is Admin Module DashBoard which Shows Total Number of Students, Total Batch, Total Employees and Total Number of Questions. Below that, First Most Graph shows exams taken by the faculties. Second Chart Compares the performance of batches.



Third Transaction Pie Chart indicates the income and Expense statistics and Recent Exam Indicates the details of exam taken by institute recently.

## 2.2. Batch

### 2.2.1. View Batch

Arham Education

- Dashboard
- Manage Batch**
- Manage Subject
- Manage Student
- Manage Faculty
- Manage Question Bank
- Manage Announcement
- Manage Attendance
- Manage Topics
- Manage Todo List
- Manage Exams
- Manage Fees

**Batch Management**  
click on header to sort the data

Search batch \_\_\_\_\_ + ADD BATCH

Batch Name	Action
<input type="checkbox"/> DAIICT - 2020	
<input type="checkbox"/> DAIICT - 2021-BATCH_1	

Delete All Items per page: 2 1 - 2 of 3 < >

Manage Batch Tab indicates all batches listed below the search bar.

### 2.2.2. Add Batch

Arham Education

- Dashboard
- Manage Batch**
- Manage Subject
- Manage Student
- Manage Faculty
- Manage Question Bank
- Manage Announcement
- Manage Attendance
- Manage Topics
- Manage Todo List
- Manage Exams
- Manage Fees

**Batch Management**  
click on header to sort the data

Search batch \_\_\_\_\_ + ADD BATCH

Batch Name	Action
<input type="checkbox"/> DAIICT - 2020	
<input type="checkbox"/> DAIICT - 2021-BATCH_1	

Add-Batch  
Batch Name: \_\_\_\_\_  
ADD CANCEL

Arham Education

Batch Management

click on header to sort the data

Search batch

+ ADD BATCH

Batch Name

Action

DAIICT - 2020

DAIICT - 2021-BATCH\_1

CLAT

DAIICT - 2021-BATCH\_2

Items per page: 2 1 - 2 of 3

ADD CANCEL

Clicking on Add Batch Button, The admin is able to add batch according to their Naming Conventions.

Arham Education

Batch Management

click on header to sort the data

Search batch

+ ADD BATCH

Batch Name

Action

DAIICT - 2020

DAIICT - 2021-BATCH\_1

DAIICT - 2021-BATCH\_2

CLAT

Items per page: 5 1 - 4 of 4

## 2.3. Subject

### 2.3.1. Add Subject

The screenshot shows the Arham Education software interface. On the left, there is a vertical sidebar with various management options: Dashboard, Manage Batch, Manage Subject (which is selected and highlighted in a box), Manage Student, Manage Faculty, Manage Question Bank, Manage Announcement, Manage Attendance, Manage Topics, Manage Todo List, Manage Exams, and Manage Fees. The main content area is titled "Subject Management" and contains a table with two rows of data:

Subject Name	Action
ARITHMETIC APTITUDE	
LOGICAL REASONING	

Below the table, there is a "Search Subject" input field, a "+ ADD SUBJECT" button, a "Delete All" button, and a pagination section indicating "Items per page: 2" and "1 - 2 of 5".

Here, Admin Can add all the subjects that are being taught at institute.

The screenshot shows the Arham Education software interface with the "Add-Subject" dialog box open. The dialog box has a title "Add-Subject" and contains a single input field for the subject name. Below the input field are two buttons: "ADD" (gray) and "CANCEL" (red). The background shows the same "Subject Management" table as the previous screenshot, with the "Add Subject" button visible in the top right corner of the main content area.

The screenshot shows the Arham Education application's Subject Management page. On the left is a sidebar with various management options: Dashboard, Manage Batch, Manage Subject (selected), Manage Student, Manage Faculty, Manage Question Bank, Manage Announcement, Manage Attendance, Manage Topics, Manage Todo List, Manage Exams, and Manage Fees. The main area is titled "Subject Management" with a sub-instruction "click on header to sort the data". It features a search bar labeled "Search Subject" and a purple button "+ ADD SUBJECT". A modal window titled "Add-Subject" is open, showing a list of subject names: ARITHMETIC APT, LOGICAL REASON, VERBAL ABILITY, C PROGRAMMING, and GENERAL KNOWL. Below this list is a text input field containing "MATHS", with a purple pencil icon to its left. At the bottom of the modal are two buttons: "ADD" (purple) and "CANCEL" (red). The background of the main page shows a table with one row of data: MATHS, with edit and delete icons next to it. Below the table are buttons for "Delete All" and "Items per page: 5".

### 2.3.2. View Subject

Once the subject is added, Admin will able to see all the subject below the search bar.

This screenshot shows the same Arham Education Subject Management interface as the previous one, but now with the "MATHS" subject added. The main table now displays two rows of data: one for "MATHS" and one for "ARITHMETIC APT". Both rows have edit and delete icons. The "Action" column for "MATHS" contains a purple pencil icon and a grey trash can icon. The "Action" column for "ARITHMETIC APT" also contains a purple pencil icon and a grey trash can icon. The rest of the interface remains the same, with the sidebar and the "+ ADD SUBJECT" button visible.

## 2.4. Student

### 2.4.1. Add Student

In this tab, Admin will able to add student in a particular batch in which he enrolled.

So, Here, Admin have to select the batch in which he want to put in.

The screenshots illustrate the 'Student Management' feature in the Arham Education system. The top screenshot shows a list of existing students with columns for Name, Email, Batch, Mobile Number, Date of birth, Fees, Joining Date, Status, and Action. The bottom screenshot shows a form for adding a new student, requiring fields for First Name, Middle Name, Last Name, Parent Name, Address, Email\_id, Password, Mobile\_no, Date of birth, Parent\_Mobile\_no, Select Batch, and Select Gender.

**Student Management**  
click on header to sort the data

Name	Email	Batch	Mobile Number	Date of birth	Fees	Joining Date	Status	Action
VATSAL	vatsalmehta175@gmail.com	DAIICT - 2020	9998348871	May 16, 1999	₹15,000.00	Jun 7, 2020	ACTIVE	
RAHUL	rmahrsee1997@gmail.com	DAIICT - 2020	9929313396	Sep 11, 1997	₹20,000.00	Jun 7, 2020	ACTIVE	
VENISH	201912116@daiict.ac.in	DAIICT - 2020	9727288876	Jun 21, 1998	₹15,000.00	Jun 8, 2020	ACTIVE	
PRIYANSHI	piyu12rathod@gmail.com	DAIICT - 2020	8140778244	Dec 11, 1998	₹15,000.00	Jun 8, 2020	ACTIVE	
NAIKA	naikabhatt17@gmail.com	DAIICT - 2020	9429305185	Jul 24, 1999	₹15,000.00	Jun 8, 2020	ACTIVE	

+ ADD STUDENT

**New Student**  
New Student is being added

First Name *
Middle Name *
Last Name *
Parent Name *
Address *
Email_id *
Password *
Mobile_no: *
Date of birth
Parent_Mobile_no: *
Select Batch *
Select Gender *

Arham Education

- [Dashboard](#)
- [Manage Batch](#)
- [Manage Subject](#)
- [Manage Student](#)
- [Manage Faculty](#)
- [Manage Question Bank](#)
- [Manage Announcement](#)
- [Manage Attendance](#)
- [Manage Topics](#)
- [Manage Todo List](#)
- [Manage Exams](#)
- [Manage Fees](#)

### New Student

New Student is being added

First Name \*  
Ashwath

Middle Name \*  
Virupalla

Last Name \*  
Venkat

Parent Name \*  
Virupalla Venkat

Address \*  
Address is required  
[Empty input field]

Password: \*

Mobile\_no: \*

Date of birth

Parent\_Mobile\_no: \*

Select Batch \*

Select Gender \*

Arham Education

- [Dashboard](#)
- [Manage Batch](#)
- [Manage Subject](#)
- [Manage Student](#)
- [Manage Faculty](#)
- [Manage Question Bank](#)
- [Manage Announcement](#)
- [Manage Attendance](#)
- [Manage Topics](#)
- [Manage Todo List](#)
- [Manage Exams](#)
- [Manage Fees](#)

First Name \*  
Ashwath

Middle Name \*  
Virupalla

Last Name \*  
Venkat

Parent Name \*  
Virupalla Venkat

Address \*  
kottucherry, Nagapattinam.

Email\_id \*  
ashwathviru@gmail.com

Password \*  
\*\*\*\*\*

Mobile\_no \*  
9632147852

Date of birth  
7/3/1995

Parent\_Mobile\_no: \*  
8520369741

Select Batch \*  
CLAT

Select Gender \*  
Male

20000

**ADD STUDENT**    **CANCEL**

### 2.4.2. Search Student

Admin can search particular student that he want to find.

The screenshot shows the 'Student Management' section of the Arham Education application. On the left is a sidebar with various management options: Dashboard, Manage Batch, Manage Subject, Manage Student (selected), Manage Faculty, Manage Question Bank, Manage Announcement, Manage Attendance, Manage Topics, Manage Todo List, Manage Exams, and Manage Fees. The main area has a purple header 'Student Management' with a note 'click on header to sort the data'. A search bar contains 'ashw'. Below it is a table with columns: Name, Email, Batch, Mobile Number, Date of birth, Fees, Joining Date, Status, and Action. One row is shown for 'ASHWATH' with details: ashwathviru@gmail.com, CLAT, 9632147852, Jul 3, 1995, ₹20,000.00, Jun 9, 2020, ACTIVE. There are edit and delete icons in the Action column. A red 'Delete All' button is at the bottom left. The footer shows page 1-1 of 1, items per page dropdown set to 5, and a purple 'ADD STUDENT' button.

## 2.5. Faculty

### 2.5.1. View Employees

Admin will find the all faculties listed below the search bar.

The screenshot shows the 'Employee Management' section of the Arham Education application. The sidebar is identical to the Student Management one. The main area has a purple header 'Employee Management' with a note 'click on header to sort the data'. A search bar contains 'Employee'. Below it is a table with columns: Name, Mobile Number, Email, Date of birth, Salary, Qualification, and Action. Two rows are shown: 'DEEP BHAVSAR' (Mobile: 8128240106, Email: deepbhavasar9@gmail.com, DOB: Jun 9, 1999, Salary: ₹25,000.00, Qualification: MSc.IT) and 'UMANG ZAVERI' (Mobile: 9664652185, Email: umangzaveri@gmail.com, DOB: Mar 15, 1988, Salary: ₹30,000.00, Qualification: MSc). There are edit and delete icons in the Action column. A red 'Delete All' button is at the bottom left. A purple 'PAY SALARY' button is in the center. The footer shows page 1-2 of 2, items per page dropdown set to 5, and a purple 'ADD EMPLOYEE' button.

### 2.5.2. Add Faculty/Tutor

Admin can add employees like Faculties and Tutors from here.

The screenshot shows a purple header with the text 'Arham Education'. On the left is a sidebar with icons for various management tasks: Dashboard, Manage Batch, Manage Subject, Manage Student, Manage Faculty, Manage Question Bank, Manage Announcement, Manage Attendance, Manage Topics, Manage Todo List, Manage Exams, and Manage Fees. The main content area has a purple title bar 'New Faculty' with the sub-instruction 'New Faculty is being added'. Below it is a form with fields: 'Faculty' (containing 'TA'), 'Password: \*', 'Employee Name \*', 'Mobile\_no: \*', 'Qualification of Faculty \*' (a dropdown menu), 'Date of birth' (with a calendar icon), and 'Salary \*'. At the bottom are 'ADD EMPLOYEE' and 'CANCEL' buttons.

### 2.5.3. Pay Salary of Faculty

Admin can also manage salary accounts from here

The screenshot shows a purple header with the text 'Arham Education'. The sidebar on the left is identical to the previous screenshot. The main content area has a purple title bar 'Employee Management' with the sub-instruction 'click on header to sort the data'. Below it is a table titled 'Employee Management' with a search bar 'Search Employee' and an 'ADD EMPLOYEE' button. The table has columns: Name, Mobile Number, Email, Date of birth, Salary, Qualification, and Action. It lists three entries: DEEP BHAVSAR (Jun 9, 1999, ₹25,000.00, MSc.IT), UMANG ZAVERI (Mar 15, 1988, ₹30,000.00, MSc), and ALOK SHAH (Feb 14, 1985, ₹25,000.00, MSc). Each row has edit and delete icons in the 'Action' column. At the bottom are 'Delete All', 'PAY SALARY', and pagination controls '1 - 3 of 3' and 'Items per page: 3'.

Name	Mobile Number	Email	Date of birth	Salary	Qualification	Action
DEEP BHAVSAR	8128240106	deepbhavsar9@gmail.com	Jun 9, 1999	₹25,000.00	MSc.IT	
UMANG ZAVERI	9664652185	umangzaveri@gmail.com	Mar 15, 1988	₹30,000.00	MSc	
ALOK SHAH	7876555688	alok85@gmail.com	Feb 14, 1985	₹25,000.00	MSc	

## 2.6. Question Bank

### 2.6.1. View Available Questions

Here, is facility to add questions in the question bank according to need.

The screenshot shows the 'Question Bank Management' section of the Arham Education platform. On the left is a sidebar with various management options: Dashboard, Manage Batch, Manage Subject, Manage Student, Manage Faculty, Manage Question Bank, Manage Announcement, Manage Attendance, Manage Topics, Manage Todo List, Manage Exams, and Manage Fees. The main area is titled 'Question Bank Management' and contains a table with the following data:

Question_Id	Difficulty	Topic_Name	Action
1	Easy	Area	<span>+ View Question</span> <span>Edit</span> <span>Delete</span>
2	Easy	synonyms	<span>+ View Question</span> <span>Edit</span> <span>Delete</span>
3	Easy	synonyms	<span>+ View Question</span> <span>Edit</span> <span>Delete</span>
4	Easy	synonyms	<span>+ View Question</span> <span>Edit</span> <span>Delete</span>
5	Easy	synonyms	<span>+ View Question</span> <span>Edit</span> <span>Delete</span>

At the bottom left is a red 'Delete All' button, and at the bottom right are pagination controls for items per page (5) and page number (1 - 5 of 231).

### 2.6.2. Add Question

There are all fields available in this section which are need including deficuity level.

The screenshot shows the 'New Question' form. The sidebar on the left is identical to the one in the previous screenshot. The main form has the following fields:

- Add Question here \*  
Calculate Area of Circle which has radius of 7 CM ?
- Option1 \*  
176
- Option2 \*  
154
- Option3 \*  
980
- Option4 \*  
198
- Correct Answer \*  
154
- Select Subject \*  
MATHS
- Select Topic \*  
Area and Volume
- Difficulty Level:  
Easy  
Medium  
Hard

### 2.6.3. View The Question

Admin can also view the question once he add it the question bank.

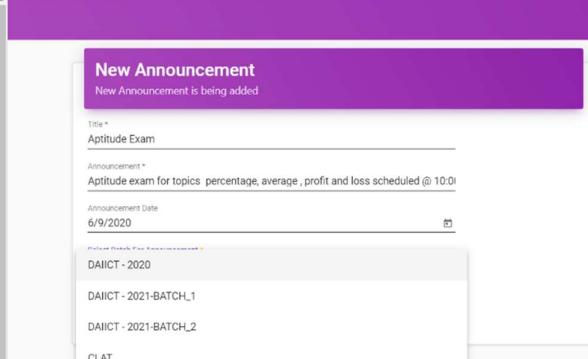
The screenshot shows a web-based application for managing a question bank. On the left, there is a sidebar with various administrative options: Dashboard, Manage Batch, Manage Subject, Manage Student, Manage Faculty, Manage Question Bank (which is currently selected), Manage Announcement, Manage Attendance, Manage Topics, Manage Todo List, Manage Exams, and Manage Fees. The main area is titled "Question Bank Management" and contains a "Question View" dialog. The question in the dialog is "Calculate Area of Circle which has radius of 7 CM ?". Below the question are four answer options: 176, 154, 980, and 198, each preceded by a radio button. The number 154 is highlighted with a blue background. The dialog has a "QUESTION" button at the top right and a "CANCEL" button at the bottom right. A status bar at the bottom of the dialog indicates "232 of 232". The overall interface has a purple and grey color scheme.

## 2.7. Announcement

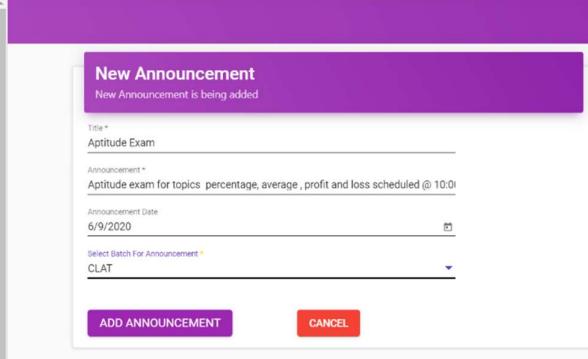
### 2.7.1. Add Announcement

Announcement is a facility to announce or to make notice of some reminders to student about Exams, Holidays and Pending Fees Payments

Admin have to click on add Announcement than have to fill the details in it.



The screenshot shows the 'New Announcement' form with a dropdown menu open under 'Select Batch For Announcement'. The options listed are DAIICT - 2020, DAIICT - 2021-BATCH\_1, DAIICT - 2021-BATCH\_2, and CLAT.



The screenshot shows the 'New Announcement' form with the 'Select Batch For Announcement' dropdown closed, showing 'CLAT' as the selected option.

**New Announcement**  
New Announcement is being added

Title \*  
Aptitude Exam

Announcement \*  
Aptitude exam for topics percentage, average ,profit and loss scheduled @ 10:01

Announcement Date  
6/9/2020

Select Batch For Announcement  
DAIICT - 2020  
DAIICT - 2021-BATCH\_1  
DAIICT - 2021-BATCH\_2  
CLAT

ADD ANNOUNCEMENT CANCEL

**New Announcement**  
New Announcement is being added

Title \*  
Aptitude Exam

Announcement \*  
Aptitude exam for topics percentage, average ,profit and loss scheduled @ 10:01

Announcement Date  
6/9/2020

Select Batch For Announcement  
CLAT

ADD ANNOUNCEMENT CANCEL

### 2.7.2. View Announcement

Here, Admin will find all the announcement listed below the search bar.

The screenshot shows the 'Announcement Management' section of the Arham Education application. On the left, a sidebar lists various administrative functions: Dashboard, Manage Batch, Manage Subject, Manage Student, Manage Faculty, Manage Question Bank, Manage Announcement, Manage Attendance, Manage Topics, Manage Todo List, Manage Exams, and Manage Fees. The main area is titled 'Announcement Management' with a sub-instruction 'click on header to sort the data'. It features a search bar and a 'ADD ANNOUNCEMENT' button. A single announcement entry is displayed in a table:

Title	Announcemet	Date	Batch	Faculty_name	Action
APTITUDE EXAM	Aptitude exam for topics percentage, average , profit and loss scheduled @ 10:00 A.M. IST on this upcoming Sunday.	Jun 9, 2020	4	Deep Bhavar	

Below the table are buttons for 'Delete All' and 'Items per page: 2'. The top right corner of the main area has a user profile icon.

### 2.7.3. Delete Announcement

Once the announcement is made admin can also delete announcement by clicking on delete button.

The screenshot shows the 'Announcement Management' section of the Arham Education application. The sidebar and overall layout are identical to the previous screenshot. However, the main table is currently empty, displaying '0 of 0' items. The 'Delete All' button is visible at the bottom of the table area.

## 2.8. Attendance

### 2.8.1. Select Batch and Mark Attendance

Here , Admin can take attendance of student after selecting the batch.

The screenshot shows the Arham Education software interface. On the left is a sidebar with various administrative options: Dashboard, Manage Batch, Manage Subject, Manage Student, Manage Faculty, Manage Question Bank, Manage Announcement, Manage Attendance, Manage Topics, Manage Todo List, Manage Exams, and Manage Fees. The 'Manage Attendance' option is selected. The main area is titled 'Add Attendance' and displays a message 'Attendance added'. Below this, a dropdown menu shows 'Select Batch' with 'DAIICT - 2021-BATCH\_1' selected. A list of students is shown with their attendance status indicated by purple toggle switches:

- Mitul Shah
- Raj Purohit
- TIRTHAK SHAH
- Nishi Jain
- Bushra Sama
- Rinkal Chomai
- Pranay Joshi
- harsh koradiya
- Shreyansh Jain
- Mayur Trilokchandani
- Anmol Patel

## 2.9. Topics

### 2.9.1. Add Sub-Topics of Subject

Admin can also add subtopics or chapters of subject to distribute questions relating to each topic in a proper manner.

The screenshot shows the Arham Education platform's Course Management section. On the left, a sidebar lists various administrative functions: Dashboard, Manage Batch, Manage Subject, Manage Student, Manage Faculty, Manage Question Bank, Manage Announcement, Manage Attendance, Manage Topics, Manage Todo List, Manage Exams, and Manage Fees. The main area is titled 'Course Management' with a sub-instruction 'click on header to sort the data'. A search bar labeled 'Search Topic' is present. A prominent 'Add-Topic' modal is open in the center. It contains a list of topic names with checkboxes: AVERAGE, AREA, NUMBER-SERIES, VERBAL, and SYNONYMS. Below this is a text input field labeled 'Add topic \*' containing 'Area and Volume'. At the bottom of the modal are two buttons: 'ADD' (in blue) and 'CANCEL' (in red). To the right of the modal, there is a 'Action' column with icons for edit and delete. At the bottom right of the main screen, there are pagination controls: 'Items per page: 5', '1 - 5 of 21', and navigation arrows.

This screenshot is similar to the one above, showing the 'Course Management' section of the Arham Education platform. The sidebar and main layout are identical. The 'Add-Topic' modal is open, but the 'Add topic \*' field now contains 'MATHS'. A dropdown menu labeled 'Select Subject \*' has 'MATHS' selected. The rest of the modal and the surrounding interface are the same as the first screenshot.

### 2.9.2. View Sub-Topics of Subject

All the sub topic will be listed below search bar with their corresponding subjects.

The screenshot shows the 'Course Management' section of the Arham Education platform. On the left, there is a sidebar with various administrative links: Dashboard, Manage Batch, Manage Subject, Manage Student, Manage Faculty, Manage Question Bank, Manage Announcement, Manage Attendance, Manage Topics (which is highlighted), Manage Todo List, Manage Exams, and Manage Fees. The main area is titled 'Course Management' with a sub-instruction 'click on header to sort the data'. It features a search bar labeled 'Search Topic' and a purple button '+ ADD TOPIC'. Below these are five rows of data, each containing a checkbox, a topic name, a subject name, and two circular icons with edit and delete symbols. At the bottom, there is a grey button 'Delete All' and a pagination section showing 'Items per page: 5' and '1 - 5 of 21'.

	Topic Name	Subject Name	Action
<input type="checkbox"/>	AVERAGE	ARITHMETIC APTITUDE	
<input type="checkbox"/>	AREA	ARITHMETIC APTITUDE	
<input type="checkbox"/>	NUMBER-SERIES	LOGICAL REASONING	
<input type="checkbox"/>	VERBAL	LOGICAL REASONING	
<input type="checkbox"/>	SYNONYMS	VERBAL ABILITY	

## 2.10. To-Do List

### 2.10.1. Add To-Do Task

Admin can add To-Do list items here in this section.

The screenshot shows the 'Todo List Management' section of the Arham Education platform. The sidebar is identical to the one in the previous screenshot, with 'Manage Todo List' also being highlighted. The main area is titled 'Todo List Management' with the instruction 'click on header to sort the data'. It has a search bar 'Search Todo' and a purple button '+ ADD TODO'. Below is a table with columns 'Todo Name' and 'Action'. A red button 'Delete All' is at the bottom left, and a pagination section at the bottom right shows 'Items per page: 2' and '0 of 0'.

Todo Name	Action

The screenshot shows a web-based application for managing todo lists. On the left is a sidebar with various administrative options: Dashboard, Manage Batch, Manage Subject, Manage Student, Manage Faculty, Manage Question Bank, Manage Announcement, Manage Attendance, Manage Topics, Manage Todo List, Manage Exams, and Manage Fees. The main area is titled "Todo List Management" and contains a table with columns for "Todo Name" and "Action". A modal window titled "Add-Todo" is open in the center, prompting the user to enter a todo item ("Add todo: ") and providing "ADD" and "CANCEL" buttons.

### 2.10.2. Update To-Do Task

Admin will also able to update to-do list Item.

This screenshot shows the same application interface as the previous one, but with a different modal window. The "Update-Todo" dialog box is open, displaying a list of existing todo items: "I HAVE TO COLLECT PAPER", "PHOTOCOPY OF TEST", and "PREPARE EXAM PAPER". It also includes a text input field for a new task ("Prepare Exam Paper for s") and "Update" and "CANCEL" buttons. The background table and sidebar remain visible.

### 2.10.3. Delete To – Do Task

Admin will also able to delete to-do list Item once the task is completed.

The screenshot shows a 'Todo List Management' section within a larger application interface. On the left is a sidebar with various management options like Dashboard, Manage Batch, Manage Subject, etc. The main area has a purple header 'Todo List Management' with a note 'click on header to sort the data'. It includes a search bar, a red '+ ADD TODO' button, and a table with two rows of tasks. Each row has a checkbox, the task name, and four circular action icons. At the bottom are pagination controls and a 'Delete All' button.

## 2.11. Exam

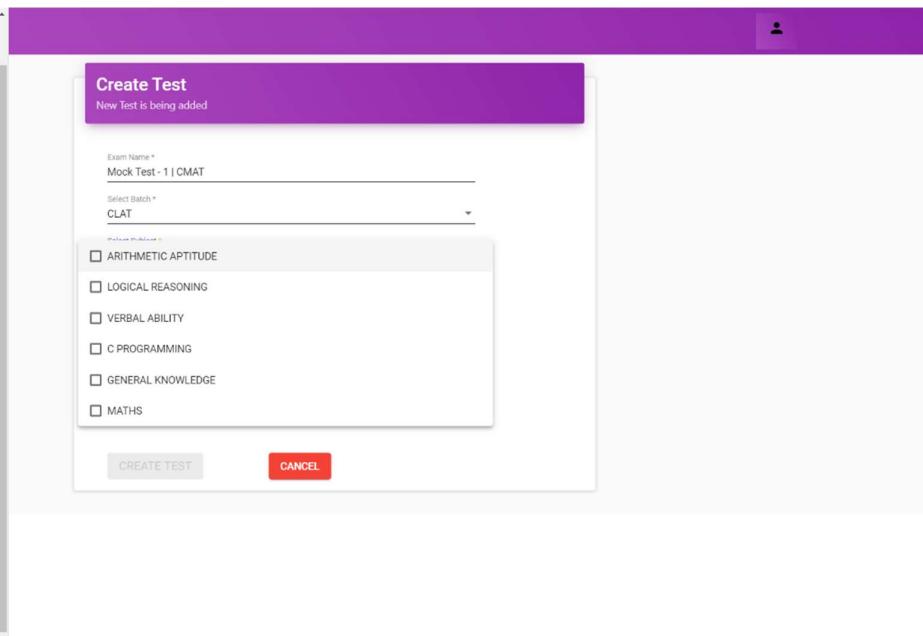
### 2.11.1. Create Test

Here, Admin will able to create test.

The screenshot shows an 'Exam Management' section. The sidebar on the left is identical to the previous Todo List Management screen. The main area has a purple header 'Exam Management' with a note 'click on header to sort the data'. It includes a search bar, a red '+ CREATE TEST' button, and a table with one row of exam details. The table columns are Exam Name, Batch Name, Date, Total Mark, Exam Durations, View Question Paper, and Exam Result. Below the table are navigation arrows and a 'Items per page' dropdown.

### 2.11.2. Set Properties of Test Paper (Time, Date, Subject)

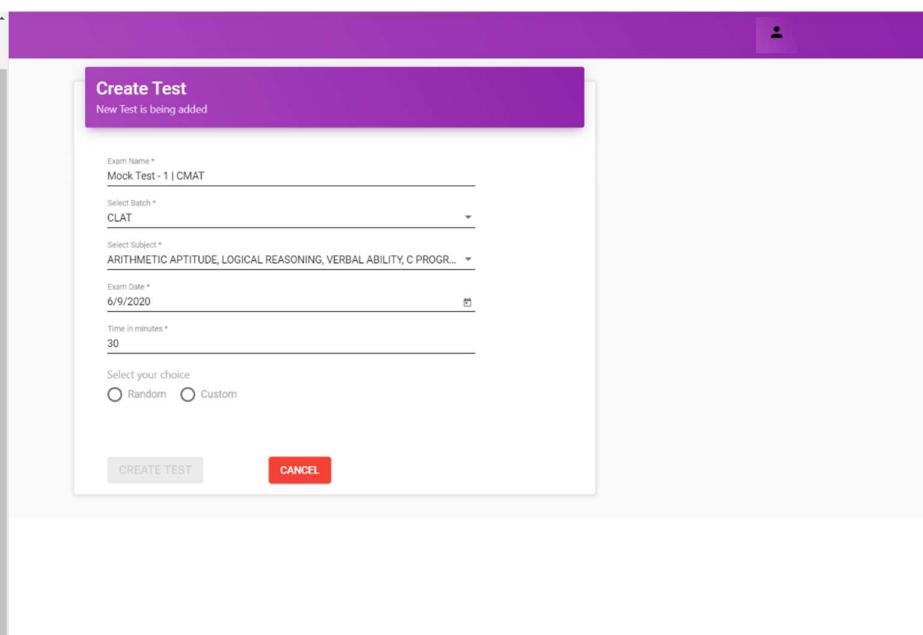
Once the create exam button is clicked it will show such input fields to set subjects , time and date of exam.



The screenshot shows the 'Create Test' interface. On the left is a sidebar with various management options: Dashboard, Manage Batch, Manage Subject, Manage Student, Manage Faculty, Manage Question Bank, Manage Announcement, Manage Attendance, Manage Topics, Manage Todo List, Manage Exams, Manage Fees, and Log Out. The main area is titled 'Create Test' with a sub-instruction 'New Test is being added'. It contains fields for 'Exam Name \*' (Mock Test - 1 | CMAT) and 'Select Batch \*' (CLAT). Below these is a list of subjects with checkboxes: ARITHMETIC APTITUDE, LOGICAL REASONING, VERBAL ABILITY, C PROGRAMMING, GENERAL KNOWLEDGE, and MATHS. At the bottom are 'CREATE TEST' and 'CANCEL' buttons.

### 2.11.3. Set Random Test

There are 2 scenerios in exam generation random and custom. Here in random Test , System will automatically generate the test paper.



This screenshot shows the 'Create Test' interface with different settings compared to the previous one. The sidebar and title are identical. The 'Select Subject' dropdown now lists 'ARITHMETIC APTITUDE, LOGICAL REASONING, VERBAL ABILITY, C PROGR...' (with ellipsis). The 'Exam Date' field is set to '6/9/2020'. The 'Time in minutes \*' field is set to '30'. The 'Select your choice' section contains radio buttons for 'Random' and 'Custom'. The 'CREATE TEST' and 'CANCEL' buttons are at the bottom.

The screenshot shows a 'Create Test' interface. On the left is a sidebar with various management options: Dashboard, Manage Batch, Manage Subject, Manage Student, Manage Faculty, Manage Question Bank, Manage Announcement, Manage Attendance, Manage Topics, Manage Todo List, Manage Exams, Manage Fees, and Log Out. The main area has fields for 'Exam Date' (6/9/2020) and 'Time in minutes' (30). Below these are sections for 'Select your choice' (Random or Custom) and 'Subject' with their respective 'Number of Question' and 'Number of Question in Database'. The subjects listed are ARITHMETIC (98), C PROGRAMMING (60), GENERAL KNOWLEDGE (0), VERBAL ABILITY (50), LOGICAL REASONING (23), and MATHS (1). At the bottom are 'CREATE TEST' and 'CANCEL' buttons.

Subject	Number of Question	Number of Question in Database
ARITHMETIC	98	
C PROGRAMMING	60	
GENERAL KNOWLEDGE	0	
VERBAL ABILITY	50	
LOGICAL REASONING	23	
MATHS	1	

#### 2.11.4. Set Custom Difficulty Test

In custom Test paper we can select sub topics and set difficulty level of test as well.

This screenshot shows a 'Set Custom Difficulty Test' page. It features a sidebar with the same management options as the previous screenshot. The main area includes fields for 'Time in minutes' (30) and 'Select your choice' (Custom). Below these is a 'Select Tags' section where several checkboxes are checked, indicating specific sub-topics selected for the test. These include Number-Series, verbal, ANALOGIES, Average, Area, Time and Work, pipes and cistern, arrays, basics, Functions, Pointers, Structure, Memory Allocation, inventions, world-geography, and synonyms.

The screenshot shows a user interface for an exam management system. On the left, a vertical sidebar lists various administrative tasks: Dashboard, Manage Batch, Manage Subject, Manage Student, Manage Faculty, Manage Question Bank, Manage Announcement, Manage Attendance, Manage Topics, Manage Todo List, Manage Exams, Manage Fees, and Log Out. The main content area is titled "Area and volume" and displays a table of questions categorized by tag, difficulty, and number of questions. The table includes columns for Tag, Difficulty, Number of Question, Total Questions in Database, and Action.

Tag	Difficulty	Number of Question	Total Questions in Database	Action
Number-Series	Hard	2	2	
Common	Hard	2	2	
Number-Series	Easy	0	3	
ANALOGIES	Easy	0	1	
ANALOGIES	Hard	0	0	
Area	Easy	0	11	
Area	Hard	0	5	
pipes and cistern	Easy	0	4	
pipes and cistern	Hard	0	7	

### 2.11.5. View Exams

All the exams will be listed here.

The screenshot shows a list of exams under the "Exam Management" section. The table has columns for Exam Name, Batch Name, Date, Total Mark, Exam Durations, View Question Paper, and Exam Result. Two exams are listed: "MOCK TEST - 1 | CMAT" and "DAIICT-2020". Each exam row includes "View Paper" and "Exam Result" buttons. A search bar labeled "Search Exam" is at the top, and a "CREATE TEST" button is on the right. The footer shows page navigation and item per page settings.

Exam Management						
click on header to sort the data						
<input type="text" value="Search Exam"/> <span>+ CREATE TEST</span>						
Exam Name	Batch Name	Date	Total Mark	Exam Durations	View Question Paper	Exam Result
MOCK TEST - 1   CMAT	CLAT	Jun 9, 2020	120	30min		
DAIICT-2020	DAIICT - 2020	Jun 8, 2020	60	15min		

1 - 2 of 2 < >

Items per page:

## 2.11.6. View Question Paper

The screenshot shows a sidebar menu on the left with various administrative options: Dashboard, Manage Batch, Manage Subject, Manage Student, Manage Faculty, Manage Question Bank, Manage Announcement, Manage Attendance, Manage Topics, Manage Todo List, Manage Exams, Manage Fees, and Log Out. The main content area displays a question from a mock test. The question is: "One side of a rectangular field is 4 m and its length along diagonal is 5 m. What is the area of the field?" Below the question are four multiple-choice options: 12m, 15m, 14m, and 13m. The correct answer is 12m. The topic name is Area, and the subject is ARITHMETIC APTITUDE. Another question is partially visible below it.

Admin can also view the question paper of the exam.

## 2.11.7. View Results

The screenshot shows a sidebar menu on the left with the same set of administrative options as the previous screenshot. The main content area is titled "Batch Result Management" and contains a table of student results. The table has columns for Name, Last Name, Exam Name, Date, Total Mark, Obtained Marks, and Exam Durations. The data in the table is as follows:

Name	Last Name	Exam Name	Date	Total Mark	Obtained Marks	Exam Durations
APOORVA	BHAVSAR	DAIICT-2020	Jun 8, 2020	60	48	15 Min
JAINAM	SHAH	DAIICT-2020	Jun 8, 2020	60	0	15 Min
SONU	SHAH	DAIICT-2020	Jun 8, 2020	60	60	15 Min
VENISH	SHIYANI	DAIICT-2020	Jun 8, 2020	60	28	15 Min
ANU	RANA	DAIICT-2020	Jun 8, 2020	60	52	15 Min
ARCHI	SHAH	DAIICT-2020	Jun 8, 2020	60	40	15 Min
ARCHI	SHAH	DAIICT-2020	Jun 8, 2020	60	56	15 Min
SMIT	SHAH	DAIICT-2020	Jun 8, 2020	60	8	15 Min

At the bottom right, there are navigation buttons for 'BACK', '1 - 8 of 8', 'Items per page: 10', and arrows for page navigation.

Clicking on Exam Result , Admin will able to see the result of the students.

## 2.12. Fees

### 2.12.1. View Pending Payments

Here, Admin will able to see all the pending fees payments and also will be able to add transaction according to incoming fees payments.

The screenshot shows a sidebar menu on the left with various administrative options: Dashboard, Manage Batch, Manage Subject, Manage Student, Manage Faculty, Manage Question Bank, Manage Announcement, Manage Attendance, Manage Topics, Manage Todo List, Manage Exams, Manage Fees, and Log Out. The main content area is titled "Fees Management" with a sub-instruction "click on header to sort the data". It features a search bar labeled "Search Student and Pay Fees". Below the search bar is a table with columns: Student Name, Email, Batch, Pending Amount, and Pay. The table contains four rows of student data:

Student Name	Email	Batch	Pending Amount	Pay
VATSAL MEHTA	vatsalmehta175@gmail.com	DAIICT - 2020	0	<button>Transaction Details</button>
VENISH SHIYANI	201912116@daiict.ac.in	DAIICT - 2020	10000	<button>Pay Fees</button>
RAJ SHAH	shahra2399@gmail.com	DAIICT - 2020	12000	<button>Pay Fees</button>
RAHUL MAHRSEE	rmahrsee1997@gmail.com	DAIICT - 2020	0	<button>Transaction Details</button>

At the bottom of the table, there are navigation links "1 ~ 4 of 34" and "Items per page: 4".

### 2.12.2. Create a Fees Transaction

The screenshot shows the same sidebar menu as the previous page. The main content area is titled "Student Fees Details" with a sub-instruction "click on payment of fee". It displays student details: Student Name: VENISH, EmailId: 201912116@daiict.ac.in, Batch Name: DAIICT - 2020, Mobile No: 9727288876, Joining Date: Jun 8, 2020, Total Fees: ₹15,000.00, and Pending Fees: ₹10,000.00. Below this, there are two buttons: "FEE PAYMENTS" (purple) and "CANCEL" (red). A "Fee Payment" form is shown with an "Amount" field set to "Rs. 9000.00" and a "Pay" button. At the bottom, there is a "Recent Transactions" section with a sub-instruction "click on header to sort the data". It shows a table with columns: Transaction Id, Amount, and Date. One transaction is listed: Transaction Id 2, Amount ₹5,000.00, Date Jun 8, 2020.

The screenshot displays a web-based administrative interface. On the left, a sidebar lists various management functions: Dashboard, Manage Batch, Manage Subject, Manage Student, Manage Faculty, Manage Question Bank, Manage Announcement, Manage Attendance, Manage Topics, Manage Todo List, Manage Exams, Manage Fees, and Log Out. The main content area is divided into two sections. The top section, titled "Student Fees Details", contains a message "click to payment of fee". Below this is a table with student information:

Student Name:	VENISH
EmailId:	201912116@daiict.ac.in
Batch Name:	DAIICT - 2020
Mobile No:	9727288876
Joining Date:	Jun 8, 2020
Total Fees:	₹15,000.00
Pending Fees:	₹1,000.00

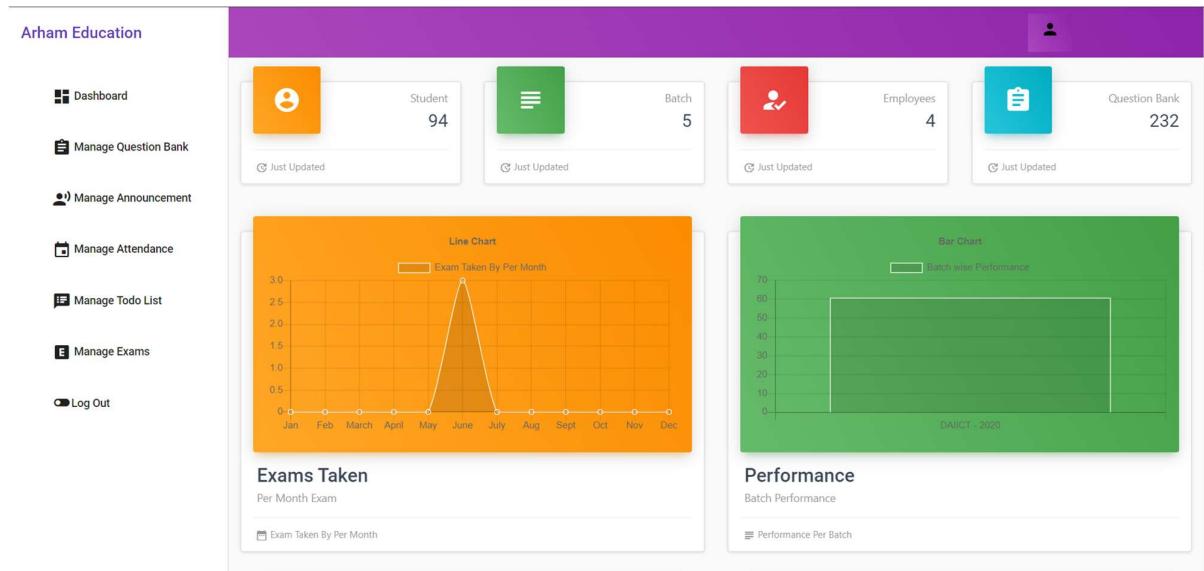
At the bottom of this section are two buttons: "FEE PAYMENTS" (purple) and "CANCEL" (red).

The bottom section, titled "Recent Transactions", includes a sub-instruction "click on header to sort the data". It displays a table of transaction history:

Transaction Id	Amount	Date
2	₹5,000.00	Jun 8, 2020
4	₹9,000.00	Jun 9, 2020

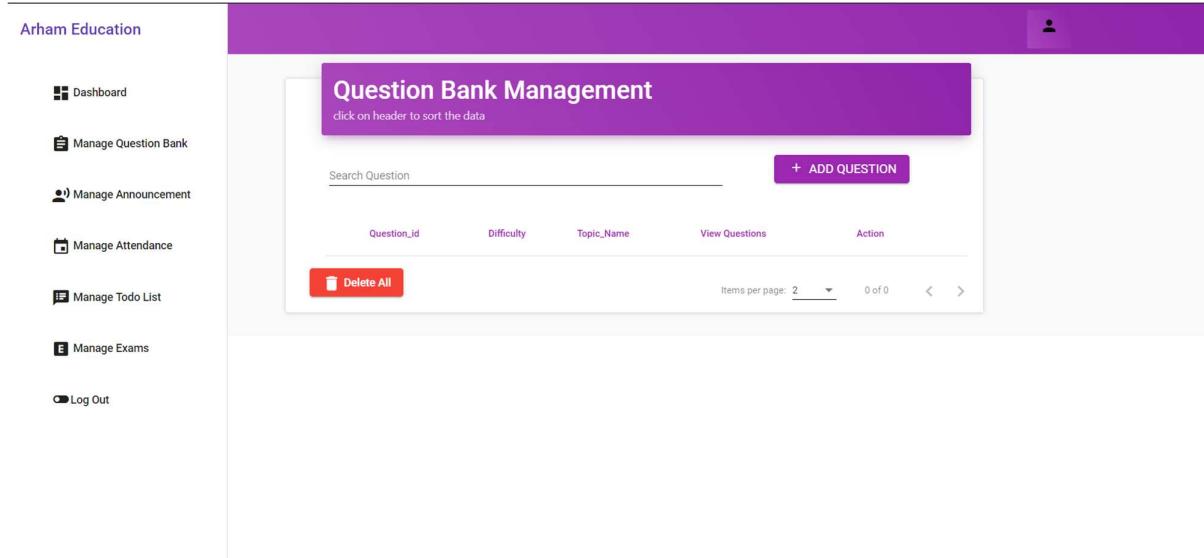
### 3. Faculty

#### 3.1 Dashboard



On Faculty site , Dashboard shows Total number of students, number of batches , number employees and available number questions of Question bank. It also shows Exam taken chart and overall performance of all batches.

#### 3.2 Manage Question Bank



On this page , Faculty can view, add, update and delete questions.

Arham Education

Dashboard

Manage Question Bank

Manage Announcement

Manage Attendance

Manage Todo List

Manage Exams

Log Out

### New Question

New Question is being added

Add Question here \*

A person crosses a 600 m long street in 5 minutes. What is his speed in km

Option1 \*

3.6

Option2 \*

7.2

Option3 \*

8.4

Option4 \*

10

Correct Answer \*

7.2

Select Subject \*

ARITHMETIC APTITUDE

Select Topic \*

time and distance

Medium

**ADD QUESTION**

**CANCEL**

### 3.2.1 Add new question

By clicking on Add Question button, This New Question box will be appear. On this faculty can Add question and its four options with one correct answer and select the subject from drop down list and also topic and level of the question. When these detail filled up , faculty can click on Add Question.

The screenshot shows a user interface for 'Question Bank Management'. On the left, a sidebar lists navigation options: Dashboard, Manage Question Bank, Manage Announcement, Manage Attendance, Manage Todo List, Manage Exams, and Log Out. The main area has a purple header 'Question Bank Management' with a note 'click on header to sort the data'. Below is a search bar, an 'ADD QUESTION' button, and a table with one row. The table columns are Question\_Id, Difficulty, Topic\_Name, View Questions, and Action. The row data is: Question\_Id 234, Difficulty Medium, Topic\_Name time and distance, View Questions (button), Action (edit and delete icons). At the bottom are 'Delete All' and pagination controls.

### 3.2.2 Question list View

As, The faculty add the question it will add in the list and display here.

The screenshot shows a 'Question View' dialog box. It displays a question: 'A person crosses a 600 m long street in 5 minutes. What is his speed in km per hour ?' Below the question are four radio button options: 3.6, 7.2, 8.4, and 10. Underneath the options is a section labeled 'Answer' containing the value '7.2'. At the bottom right of the dialog is a red 'CANCEL' button.

### 3.2.3 Question View

After clicking on View Question button ,Faculty can view the Question and its options.

The screenshot shows the 'Announcement Management' section of the Arham Education application. On the left, there is a sidebar with various navigation options: Dashboard, Manage Question Bank, Manage Announcement (selected), Manage Attendance, Manage Todo List, Manage Exams, and Log Out. The main content area has a purple header bar with the title 'Announcement Management' and a sub-instruction 'click on header to sort the data'. Below this is a search bar labeled 'Search Announcement'. A purple button on the right says '+ ADD ANNOUNCEMENT'. The main table has columns for Title, Announcemet, Date, Batch, Faculty\_name, and Action. One row is visible: 'FULL TEST EXAM THIS' with the note 'CMAT full course exam will be taken on this sunday.', dated 'Jun 9, 2020', belonging to 'Batch 4' and 'Alok Shah'. Action buttons for edit and delete are shown next to the row. At the bottom, there is a red 'Delete All' button, a page number '1 - 1 of 1', and a dropdown for 'Items per page' set to 2.

### 3.3 Manage Announcement

Here, Faculty can manage the announcements by add, edit and delete the announcement.

The screenshot shows the 'New Announcement' form. The sidebar on the left is identical to the one in the previous screenshot. The main form has a purple header bar with the title 'New Announcement' and a sub-instruction 'New Announcement is being added'. The form fields include: 'Title \*' with the value 'Online Exam'; 'Announcement \*' with the value 'Mocktest5 will be conduct on 12Jun'; 'Announcement Date' with the value '6/10/2020'; and 'Select Batch For Announcement \*' with the value 'DAIICT - 2021-BATCH\_1'. At the bottom, there are two buttons: a purple 'ADD ANNOUNCEMENT' button and a red 'CANCEL' button.

#### 3.3.1 Add Announcement

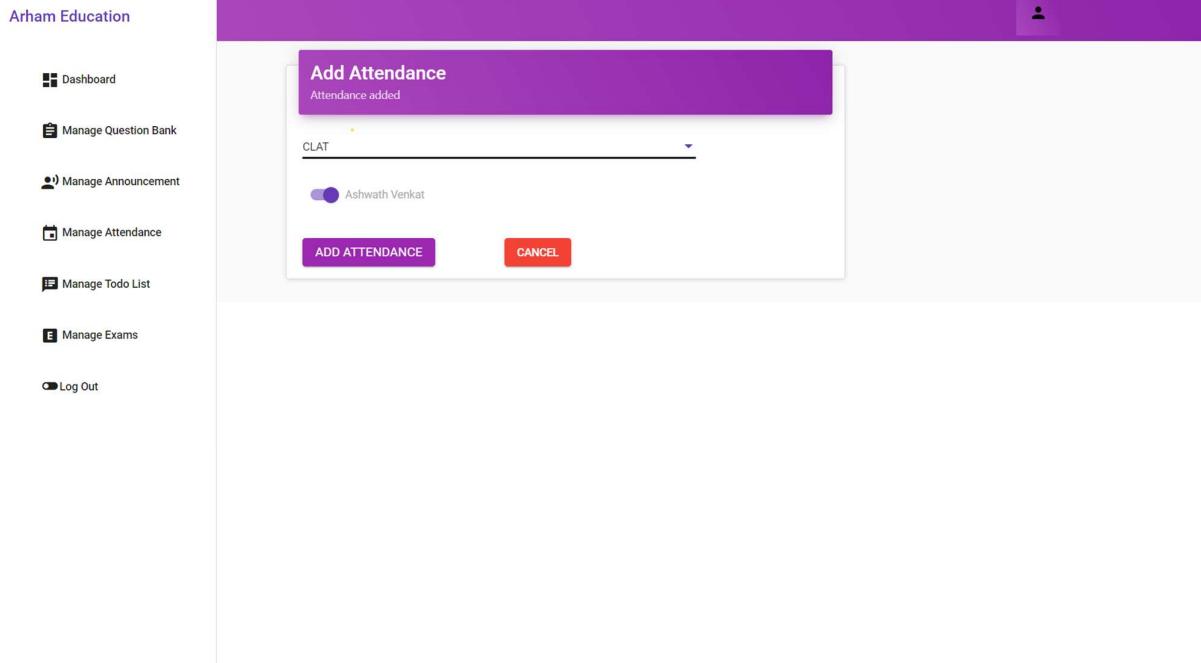
As, Faculty click the Add announcement , this page will appear. On this page faculty should give announcement title, description, date and batch name from dropdown. After adding all details ,faculty can click Add Announcement button.

The screenshot shows a web-based application interface for 'Attendance Management'. The top navigation bar is purple with the text 'Arham Education' on the left and a user profile icon on the right. A sidebar on the left contains links: 'Dashboard', 'Manage Question Bank', 'Manage Announcement' (which is highlighted in blue), 'Manage Attendance', 'Manage Todo List', 'Manage Exams', and 'Log Out'. The main content area has a purple header with the text 'Attendance Management' and a sub-instruction 'click on header to sort the data'. Below this is a dropdown menu showing 'CLAT' selected. To the right of the dropdown is a purple button labeled '+ ADD ATTENDANCE'. A search bar labeled 'Search batch' is present. A table displays student attendance data:

Student Name	Absent Days	Present Days	Total Days	Absent Days Percentage	Action
ASHWATH VENKAT	1	0	1	100.00 %	<button>Details</button>

### 3.4 Manage Attendance

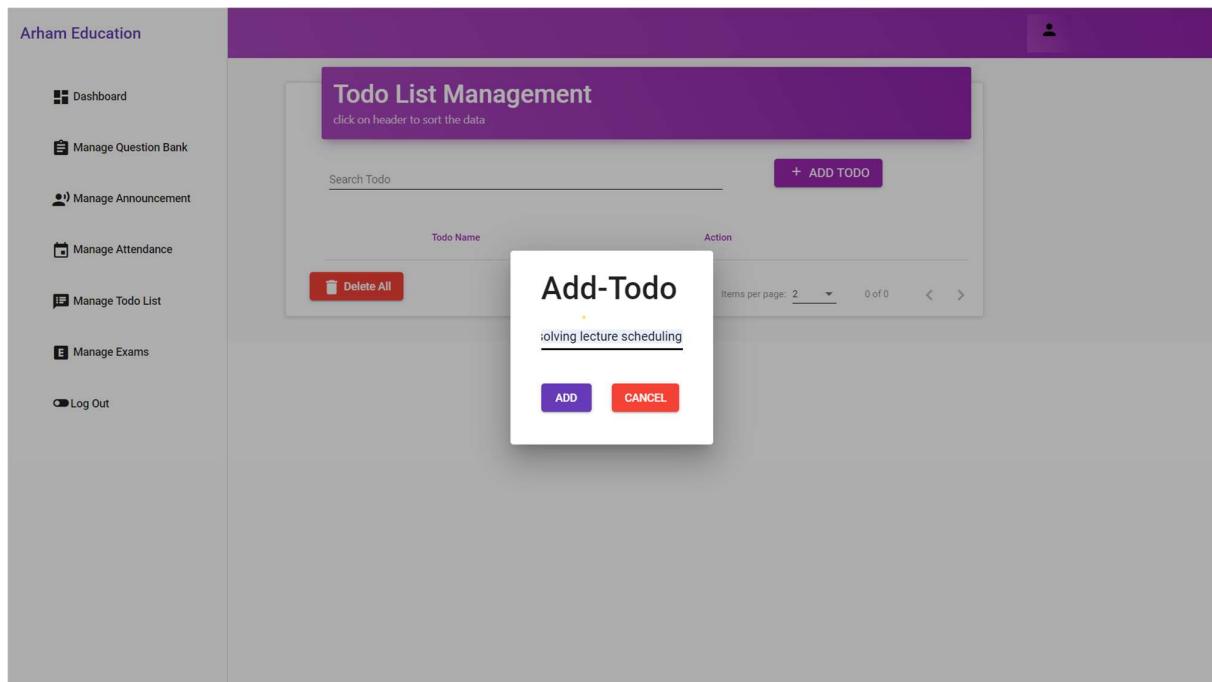
Here, faculty can add attendance and can view student's attendance details.



### 3.4.1 Add Attendance

Faculty have to select the batch name and unselect the absent students then select the Add Attendance button.

## 3.5 Manage Todo List



### 3.5.1 Add Todo work

By clicking on Add-Todo button,Add-Todo Box will appear.In that box ,faculty should add todo work detail and select the Add button.

### 3.5.2 View Todo list

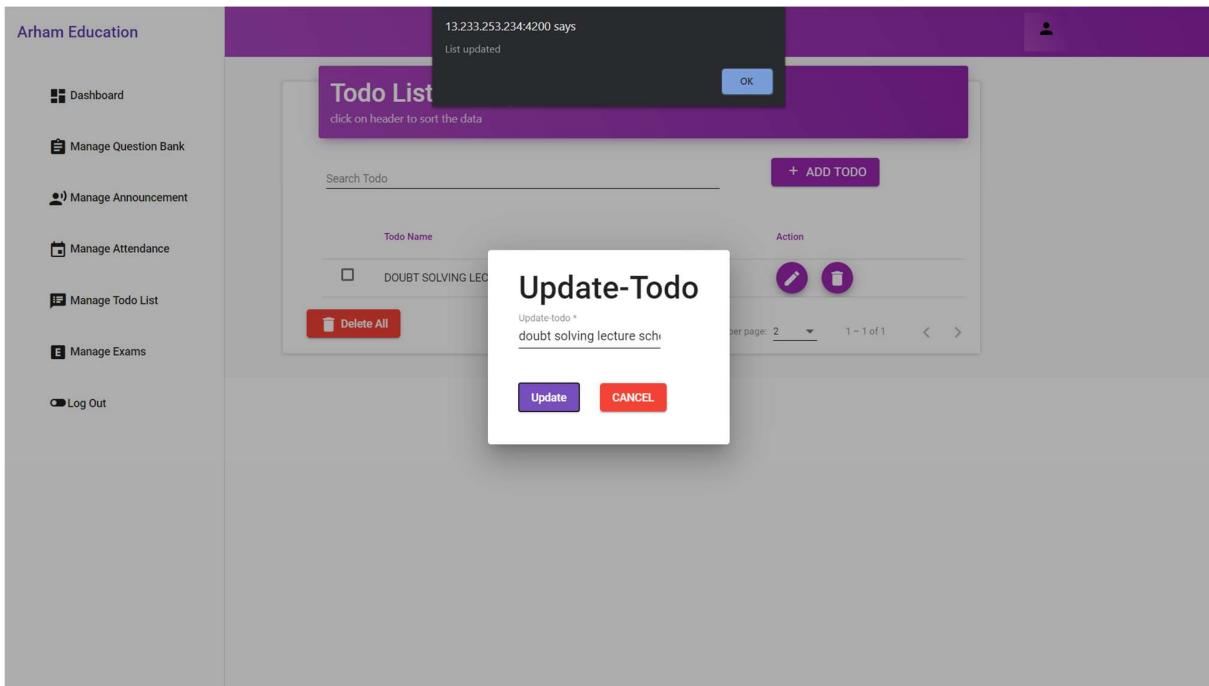
The screenshot shows the 'Todo List Management' page. On the left is a sidebar with the 'Arham Education' logo and links: Dashboard, Manage Question Bank, Manage Announcement, Manage Attendance, Manage Todo List, Manage Exams, and Log Out. The main area has a purple header 'Todo List Management' with a note 'click on header to sort the data'. Below it is a search bar 'Search Todo' and a purple button '+ ADD TODO'. A table lists one todo item: 'Doubt solving lecture scheduling' with a checkbox, edit icon, and delete icon. At the bottom are buttons for 'Delete All', 'Items per page: 2', and '1 - 1 of 1'.

As faculty add the todo work, it will display here.

The screenshot shows the 'Todo List Management' page with a modal window titled 'Update-Todo'. The modal contains the todo item 'doubt solving lecture sch' and two buttons: 'Update' and 'CANCEL'. The background is dimmed, and the rest of the interface is visible.

### 3.5.2 Update Todo list

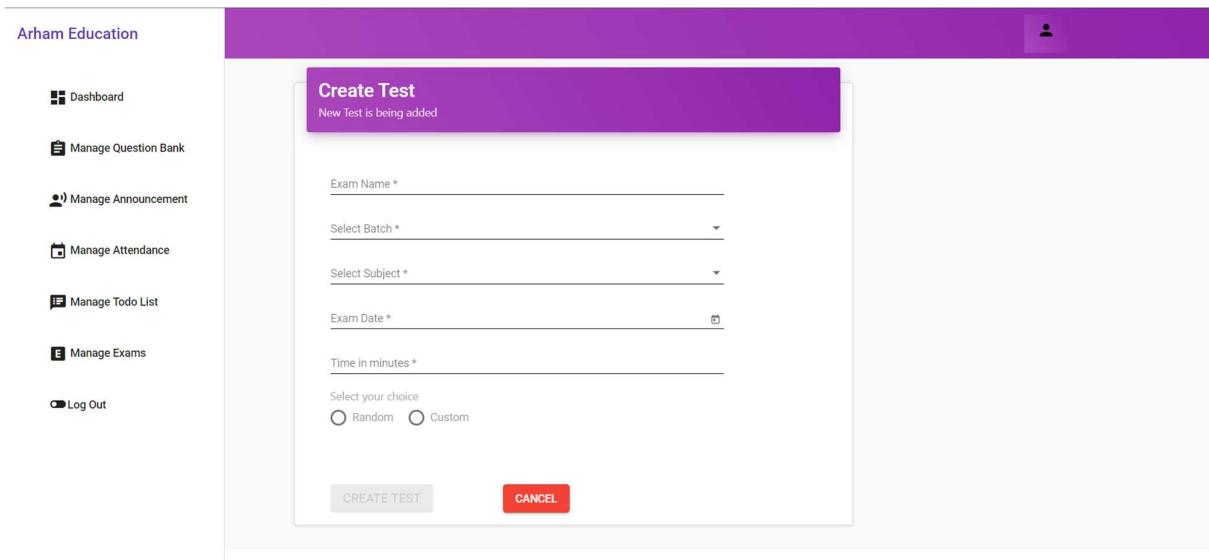
Faculty can update the todo work by clicking on Update button.



### 3.5.4 Updated List

As faculty click the Update button , this list updated box will be appear.

## 3.6 Manage Exam



### 3.6.1 Create Text

As faculty click on Create test , this page will be appear. Here faculty should enter the exam name, select batch , subject, date and exam time duration in minutes. Faculty have two options , one is

Random and Second is Custom for selecting question.

Here, Faculty can select number of questions from selected subjects.

### 3.6.2 View Paper

By clicking on View Paper button, faculty can view the Question paper's questions, options and correct answer.

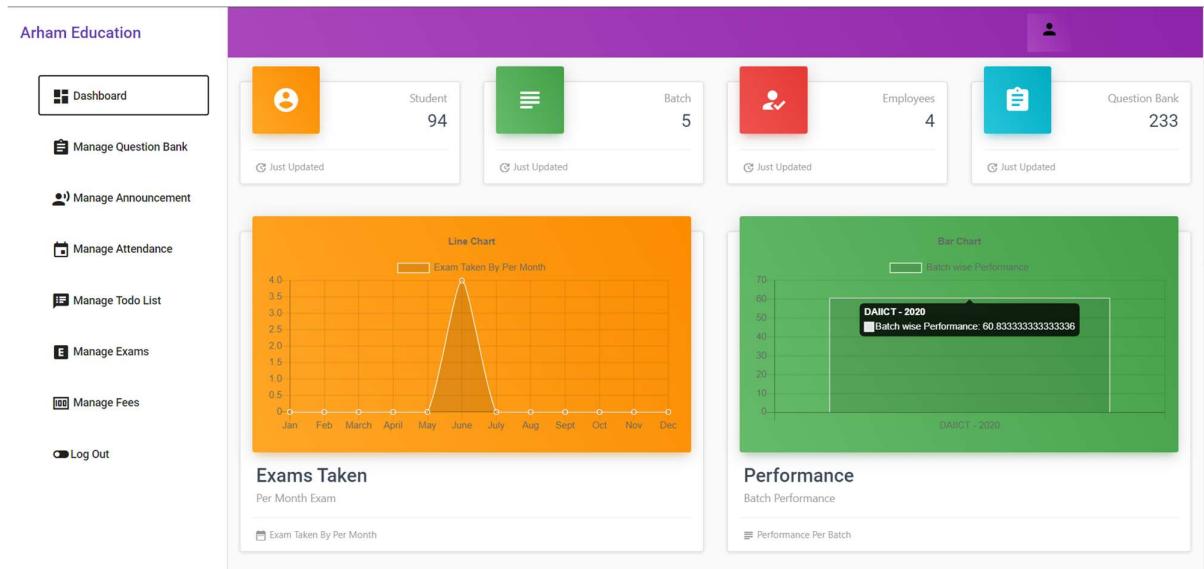
The screenshot shows a user interface for 'Arham Education'. On the left, there is a sidebar with various navigation options: Dashboard, Manage Question Bank, Manage Announcement, Manage Attendance, Manage Todo List, Manage Exams, and Log Out. The main content area displays a question from a logical reasoning topic. The question asks: 'Look at this series: V, VIII, XI, XIV, \_\_, XX, ... What number should fill the blank?' Below the question are four answer choices: ix, xxiii, xv, and xvii. The correct answer is 'xvii'. At the bottom of the main content area are two buttons: 'DOWNLOAD PDF' and 'CANCEL'. The browser's address bar shows 'angular-demo ....pdf'.

### 3.6.3 Download Paper PDF

By clicking on Download PDF, faculty can download the PDF of question paper.

## 4.1 Dashboard

- On tutor site , Dashboard shows Total number of students, number of batches , number employees and available number questions of Question bank. It also shows Exam taken chart and overall performance of all batches.



## 4.2 Manage Question Bank

- On this page , tutor can view, add, update and delete questions.

The screenshot shows the 'Question Bank Management' page. On the left is a sidebar with the 'Arham Education' logo and links for Dashboard, Manage Question Bank, Manage Announcement, Manage Attendance, Manage Todo List, Manage Exams, Manage Fees, and Log Out. The main area has a purple header 'Question Bank Management' with a note 'click on header to sort the data'. Below it is a search bar and a '+ ADD QUESTION' button. A table lists one question: Question\_id 235, Difficulty Medium, Topic\_Name time and distance. Actions include View Question, Edit, and Delete. At the bottom are buttons for Delete All and a pagination section showing 1 - 1 of 1.

### 4.2.1 Add new question

- By clicking on Add Question button, This New Question box will be appear. On this tutor can Add question and its four options with one correct answer and select the subject from drop down list and also topic and level of the question. When these detail filled up , tutor can click on Add Question.

The screenshot shows the 'New Question' form. It has a purple header 'New Question' with the sub-instruction 'New Question is being added'. The form contains fields for the question text ('Add Question here \* cover the same distance in 1 hours, it must travel at a speed of:'), four option inputs ('Option1 \* 300 kmph', 'Option2 \* 360 kmph', 'Option3 \* 600 kmph', 'Option4 \* 720 kmph'), a correct answer input ('Correct Answer \* 720 kmph'), a subject dropdown ('Select Subject \* ARITHMETIC APTITUDE'), a topic dropdown ('Select Topic \* time and distance'), and a difficulty level dropdown ('Medium'). At the bottom are 'ADD QUESTION' and 'CANCEL' buttons.

## 4.2.2 Question list View

- As, The tutor add the question it will add in the list and display here.

The screenshot shows a web-based application titled "Question Bank Management". On the left, there is a sidebar with various menu items: Dashboard, Manage Question Bank (which is currently selected), Manage Announcement, Manage Attendance, Manage Todo List, Manage Exams, Manage Fees, and Log Out. The main content area has a purple header bar with the title "Question Bank Management" and a sub-instruction "click on header to sort the data". Below this is a search bar labeled "Search Question" and a " + ADD QUESTION" button. A table displays one question entry: Question\_id 235, Difficulty Medium, Topic\_Name time and distance. To the right of the table are three icons: a pencil for edit, a trash can for delete, and a magnifying glass for view. At the bottom of the table are buttons for "Delete All" and "View Question". The footer of the main content area includes "Items per page: 2" and "1 - 1 of 1".

## 4.2.3 Question View

- After clicking on View Question button ,Tutor can view the Question and its options.

The screenshot shows a modal window titled "Question View". Inside, there is a question: "An aeroplane covers a certain distance at a speed of 240 kmph in 5 hours. To cover the same distance in 1 hours, it must travel at a speed of:". Below the question are four multiple-choice options, each preceded by a radio button:

- 300 kmph
- 360 kmph
- 600 kmph
- 720 kmph

Below the options is a section labeled "Answer" containing the text "720 kmph". At the bottom of the modal is a red "CANCEL" button.

## 4.3 Manage Announcement

- Here, tutor can manage the announcements by add, edit and delete the announcement.

The screenshot shows the 'Announcement Management' section of the Arham Education platform. On the left, a sidebar lists various management options: Dashboard, Manage Question Bank, Manage Announcement (which is selected and highlighted in red), Manage Attendance, Manage Todo List, Manage Exams, Manage Fees, and Log Out. The main content area has a purple header 'Announcement Management' with a sub-instruction 'click on header to sort the data'. Below it is a search bar labeled 'Search Announcement'. A large red button '+ ADD ANNOUNCEMENT' is at the top right. The main table has columns for Title, Announcement, Date, Batch, Faculty\_name, and Action. One row is visible: 'FULL TEST EXAM THIS WEEK CMAT full course exam will be taken on this sunday.' with date 'Jun 9, 2020 4', author 'Alok Shah', and action buttons (edit and delete). At the bottom are buttons for 'Delete All', navigation arrows, and a dropdown for 'Items per page: 2'.

### 4.3.1 Add Announcement

As, tutor click the Add announcement , this page will appear. On this page tutor should give announcement title, description, date and batch name from dropdown. After adding all details ,tutor can click Add Announcement button.

The screenshot shows the 'New Announcement' form. The sidebar on the left is identical to the previous screenshot. The main form has a purple header 'New Announcement' with the sub-instruction 'New Announcement is being added'. It contains four input fields: 'Title \*' (a simple text input), 'Announcement \*' (a text input), 'Announcement Date' (a date picker input), and 'Select Batch For Announcement \*' (a dropdown menu). At the bottom are two buttons: 'ADD ANNOUNCEMENT' (in grey) and 'CANCEL' (in red).

## 4.4 Manage Attendance

- Here, tutor can add attendance and can view student's attendance details.

The screenshot shows the 'Attendance Management' section of the Arham Education platform. At the top, there is a header bar with the Arham Education logo and a user profile icon. Below the header, a sidebar on the left contains links for Dashboard, Manage Question Bank, Manage Announcement, Manage Attendance, Manage Todo List, Manage Exams, Manage Fees, and Log Out. The main content area is titled 'Attendance Management' and includes a sub-instruction 'click on header to sort the data'. A dropdown menu for 'DUMMY' is open. A button '+ ADD ATTENDANCE' is visible. Below this, there is a search bar labeled 'Search batch'. A table displays student attendance data:

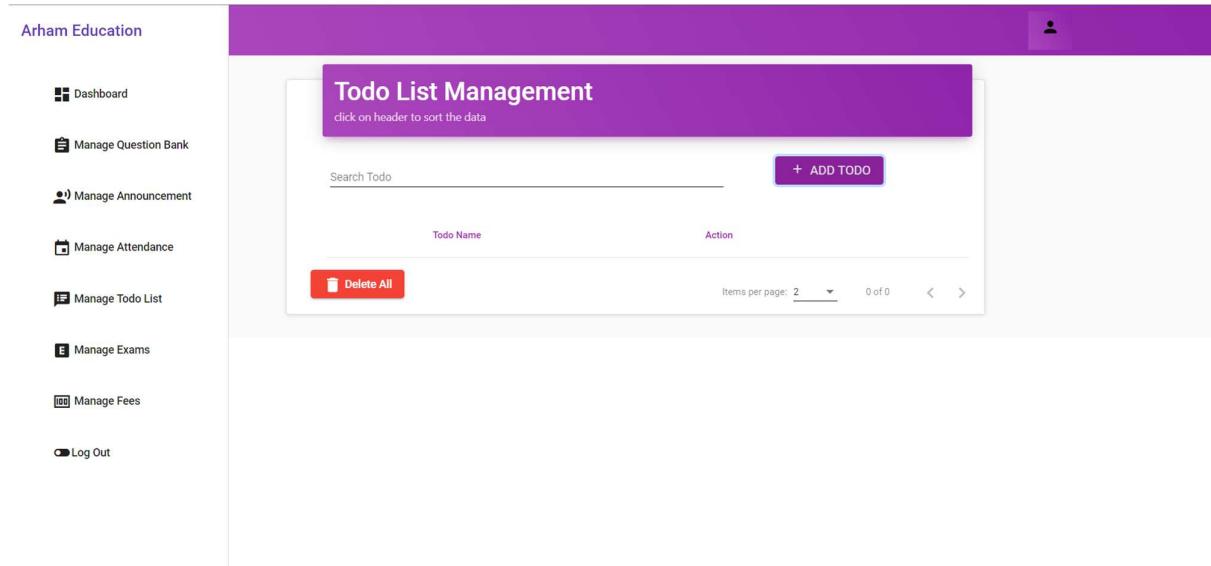
Student Name	Absent Days	Present Days	Total Days	Absent Days Percentage	Action
SHAH SHAH	1	0	1	100.00 %	<button>Details</button>

### 4.4.1 Add Attendance

- tutor have to select the batch name and unselect the absent students then select the Add Attendance button.

The screenshot shows the 'Add Attendance' dialog box. At the top, it says 'Attendance added'. Below that, a dropdown menu shows 'CLAT'. Underneath, there is a list item 'Ashwath Venkat' with a toggle switch that is turned off (unselected). At the bottom of the dialog are two buttons: 'ADD ATTENDANCE' (in purple) and 'CANCEL' (in red).

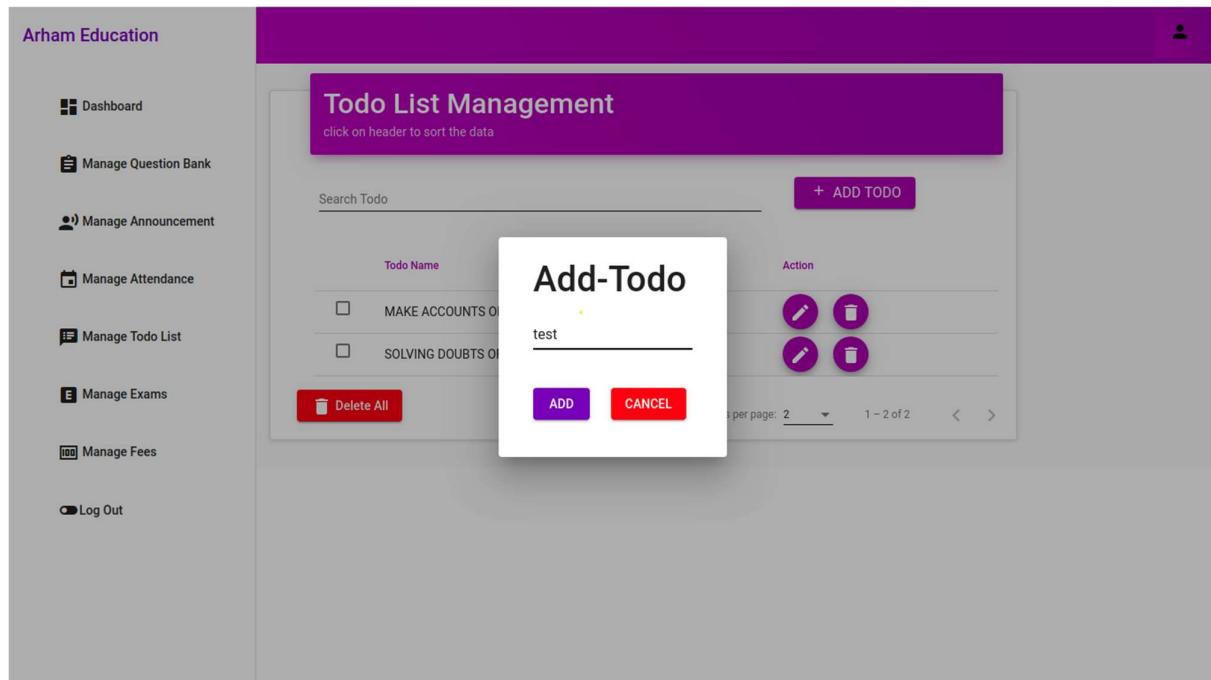
## 4.5 Manage Todo List



The screenshot shows the 'Todo List Management' section of the Arham Education application. At the top, there is a purple header bar with the title 'Todo List Management' and a note 'click on header to sort the data'. Below the header is a search bar labeled 'Search Todo'. To the right of the search bar is a purple button labeled '+ ADD TODO'. The main area contains a table with two columns: 'Todo Name' and 'Action'. There is a red button labeled 'Delete All' at the bottom left of the table. At the bottom right, there are pagination controls and a message 'Items per page: 2 0 of 0'.

### 4.5.1 Add Todo work

- By clicking on Add-To-do button ,Add To-do Box will appear. In that box ,tutor should add to-do work detail and select the Add button.



The screenshot shows the 'Add-Todo' dialog box overlaid on the 'Todo List Management' page. The dialog has a purple header 'Add-Todo'. Inside, there is a list of tasks with checkboxes: 'MAKE ACCOUNTS OF STUDENTS' and 'SOLVING DOUBTS OF STUDENTS'. Below the list is a text input field containing 'test'. At the bottom of the dialog are two buttons: 'ADD' (purple) and 'CANCEL' (red). The background of the page shows the same 'Todo List Management' interface as the previous screenshot.

## 4.5.2 View To-do list

- As tutor add the todo work, it will display here.

The screenshot shows the 'Todo List Management' page. On the left is a sidebar with various management options: Dashboard, Manage Question Bank, Manage Announcement, Manage Attendance, Manage Todo List, Manage Exams, Manage Fees, and Log Out. The main area is titled 'Todo List Management' with a sub-instruction 'click on header to sort the data'. It features a search bar labeled 'Search Todo' and a button '+ ADD TODO'. Below is a table with two rows of todo items. Each row contains a checkbox, the todo name, and an 'Action' column with edit and delete icons. At the bottom are buttons for 'Delete All', 'Items per page: 2', and navigation arrows.

Todo Name		Action
<input type="checkbox"/>	MAKE ACCOUNTS OF FEES.	
<input type="checkbox"/>	SOLVING DOUBTS OF CMAT BATCH.	

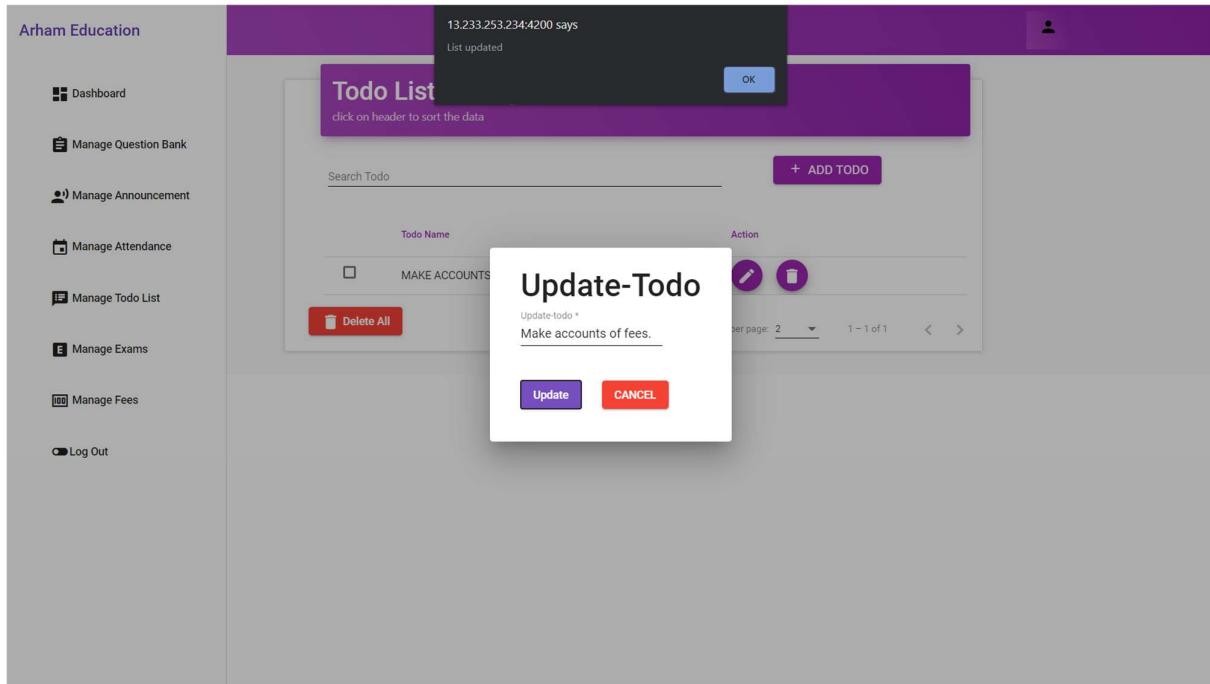
## 4.5.2 Update Todo list

- tutor can update the todo work by clicking on Update button.

The screenshot shows the 'Todo List Management' page with a modal dialog titled 'Update-Todo'. The dialog contains the todo name 'MAKE ACCOUNTS OF FEES.' and two buttons at the bottom: 'Update' (purple) and 'CANCEL' (red). The background of the main page is dimmed.

#### 4.5.4 Updated To-DO List

- As tutor click the Update button , this list updated box will be appear.



## 4.6 Manage Exam

The screenshot shows the 'Exam Management' section of the Arham Education platform. On the left, a sidebar lists various management options: Dashboard, Manage Question Bank, Manage Announcement, Manage Attendance, Manage Todo List, Manage Exams (which is selected and highlighted with a red border), Manage Fees, and Log Out. The main area is titled 'Exam Management' with a sub-instruction 'click on header to sort the data'. It features a search bar labeled 'Search Exam' and a 'CREATE TEST' button. A table displays two exam entries:

Exam Name	Batch Name	Date	Total Mark	Exam Durations	View Question Paper	Exam Result
WEEKLY EVALUATION TEST	CLAT	Jun 9, 2020	36	15min	View Paper	Exam Result
MOCK TEST - 2   CMAT	CLAT	Jun 9, 2020	96	30min	View Paper	Exam Result

Pagination shows '1 - 2 of 10' and a dropdown for 'Items per page: 2'. The top right corner of the main area has a user profile icon.

### 4.6.1 Create Text

- As tutor click on Create test , this page will be appear. Here tutor should enter the exam name, select batch , subject, date and exam time duration in minutes. tutor have two options , one is Random and Second is Custom for selecting question.

The screenshot shows the 'Create Test' form. The sidebar on the left remains the same as the previous screenshot. The main form is titled 'Create Test' with a sub-instruction 'New Test is being added'. It contains the following fields:

- Exam Name \* (text input field)
- Select Batch \* (dropdown menu)
- Select Subject \* (dropdown menu)
- Exam Date \* (date picker)
- Time in minutes \* (text input field)
- Select your choice:
  - Random
  - Custom

- Here, tutor can select number of questions from selected subjects.

**Arham Education**

- [Dashboard](#)
- [Manage Question Bank](#)
- [Manage Announcement](#)
- [Manage Attendance](#)
- [Manage Todo List](#)
- [Manage Exams](#)
- [Manage Fees](#)
- [Log Out](#)

Exam Name \*  
CMT-3

Select Batch \*  
CLAT

Select Subject \*  
ARITHMETIC APTITUDE, VERBAL ABILITY

Exam Date \*  
6/10/2020

Time in minutes \*  
5

Select your choice  
 Random  Custom

Subject	Number of Question	Number of Question in Database
VERBAL ABILITY	50	
ARITHMETIC APTITUDE	100	

[CREATE TEST](#) [CANCEL](#)

## 4.6.2 View Paper

- By clicking on View Paper button, tutor can view the Question paper's questions, options and correct answer.

**Arham Education**

- [Dashboard](#)
- [Manage Question Bank](#)
- [Manage Announcement](#)
- [Manage Attendance](#)
- [Manage Todo List](#)
- [Manage Exams](#)
- [Manage Fees](#)
- [Log Out](#)

**Exam Name: Weekly Evaluation Test**  
**Batch Name: CLAT**

The sides of a triangle are in the ratio 5: 12: 13 and its perimeter is 300 m its area is?

3000 sq m  
 3100 sq m  
 4000 sq m  
 1200 sq m

Topic Name: Area  
Subject: ARITHMETIC APTITUDE

**Answer**

3000 sq m

A man walked 20 m to cross a rectangular field diagonally. If the length of the field is 16 cm. Find the breadth of the field is?

11m  
 12m  
 13m

### 4.6.3 Download Paper PDF

- By clicking on Download PDF, tutor can download the PDF of question paper.

The screenshot shows a user interface for a question paper. On the left is a sidebar with navigation links: Dashboard, Manage Question Bank, Manage Announcement, Manage Attendance, Manage Todo List, Manage Exams, Manage Fees, and Log Out. The main content area displays a question about a number series (V, VIII, XI, XIV, \_\_\_, XX) and four answer choices (ix, xxxiii, xv, xvii). Below the question are the topic name (Number-Series), subject (LOGICAL REASONING), and the word "Answer". At the bottom are two buttons: "DOWNLOAD PDF" and "CANCEL".

### 4.6.4 Exam Result

- tutor show batch wise student results.

The screenshot shows a "Batch Result Management" page. The sidebar on the left includes the same navigation links as the previous screenshot. The main content area has a title "Batch Result Management" with a note "click on header to sort the data". It features a search bar labeled "Search Result". A table lists student results with columns: Name, Last Name, Exam Name, Date, Total Mark, Obtained Marks, and Exam Durations. One row is shown for ASHWATH VENKAT from the WEEKLY EVALUATION TEST on Jun 9, 2020, with marks 36 and 20 and duration 15 Min. At the bottom are "BACK", "1 ~ 1 of 1", and "Items per page: 5" dropdown.

## 4.7 Manage Fees

- tutor can mange the student fees. Tutor can show student fees and also take fee from student and add entry in system.

The screenshot shows a 'Fees Management' page with a purple header. On the left is a sidebar with icons for Dashboard, Manage Question Bank, Manage Announcement, Manage Attendance, Manage Todo List, Manage Exams, Manage Fees (which is highlighted with a red box), and Log Out. The main area has a search bar labeled 'Search Student and Pay Fees'. Below it is a table with columns: Student Name, Email, Batch, Pending Amount, and Pay. Two rows are shown: PRIYANSHI RATHOD (Email: piyu12rathod@gmail.com, Batch: DAIICT - 2020, Pending Amount: 500) and JAINAM SHAH (Email: jainamdhshah3998@gmail.com, Batch: DAIICT - 2020, Pending Amount: 12000). Each row has a 'Pay Fees' button. At the bottom, there are pagination controls (1 - 2 of 24) and an 'Items per page' dropdown set to 2.

### 4.7.1 Add Fee

- tutor can add fee in system. When tutor click pay fees option then open student fees details look like below. It is show student name, pending fees and fees transaction.

The screenshot shows a 'Recent Transactions' page with a purple header. On the left is a sidebar with icons for Dashboard, Manage Question Bank, Manage Announcement, Manage Attendance, Manage Todo List, Manage Exams, Manage Fees (highlighted with a red box), and Log Out. The main area has a table with columns: Transaction Id, Amount, and Date. Three transactions are listed: Transaction 7 (Amount: ₹10,000.00, Date: Jun 9, 2020), Transaction 8 (Amount: ₹2,000.00, Date: Jun 9, 2020), and Transaction 9 (Amount: ₹2,500.00, Date: Jun 9, 2020).

- When tutor click fee payment button then open fee payment filed and tutor can add fee by clicking pay button.

The screenshot shows the Arham Education application interface. On the left, there is a sidebar with the following menu items:

- Dashboard
- Manage Question Bank
- Manage Announcement
- Manage Attendance
- Manage Todo List
- Manage Exams
- Manage Fees
- Log Out

The main content area has a purple header bar with the text "click to payment of fee". Below this, there is a "Fee Payment" section containing student information and payment options. The student details are:

Student Name:	PRIYANSHI
EmailID:	piyu12rathod@gmail.com
Batch Name:	DAIICT - 2020
Mobile No:	8,140,778,244
Joining Date:	Jun 8, 2020
Total Fees:	₹15,000.00
Pending Fees:	₹500.00

Below the student details are two buttons: "FEE PAYMENTS" (purple) and "CANCEL" (red). A text input field labeled "Rs." with a value of "0.00" and a "Pay" button (purple) are also present.

At the bottom, there is a "Recent Transactions" section with a purple header bar and a sub-instruction "click on header to sort the data". The transaction table has columns: Transaction Id, Amount, and Date. The data is as follows:

Transaction Id	Amount	Date
7	₹10,000.00	Jun 9, 2020
8	₹2,000.00	Jun 9, 2020

## 5.1 Dashboard

- Once the student Login into the application, the screen will look as below:

The screenshot shows the ARHAM EDUCATION student dashboard. The sidebar on the left includes links for Dashboard (selected), Profile, Exam, Result, Attendance, Fees, and Log out. The main content area features four cards at the top: Pending Exams (0, Just Updated), Due Fees (₹10,000.00, Just Updated), Result (55.56%, Just Updated), and Absent Days (1, Just Updated). Below these are sections for My Information (student details like Name, Batch, Mobile, Email, etc.) and Latest announcement (a CMAT exam notice). A large blue circle with the number 5 is overlaid on the dashboard area.

### 1. Pending Exam :-

show total number of pending exams.

### 2. Due Fees :-

show total Due Fees Amount.

### 3. Result :-

Show Average of percentage base on Total given exam by student.

### 4. Absent Days :-

show total number of absent day.

### 5. My information :-

show all information about student.

### 6. Latest Announcement :-

show all announcement which created by admin, tutor and faculty.

### 7. Recent exam Result :-

show recent exam result

## 5.2 Profile

- students can update their mobile numbers and Address.

The screenshot shows a web-based application for managing student profiles. On the left, there's a sidebar with a purple header labeled 'ARHAM EDUCATION' and a list of navigation options: Dashboard (selected), Profile, Exam, Result, Attendance, Fees, and Log out. The main content area has a white background with a purple header bar. It displays a 'Student Profile' form with the following fields and values:

Student Name	Ashwath Virupalla Venkat
Batch Name	CLAT
Email_id	ashwathviru@gmail.com
Phone_no: *	9632147852
Student's parent Name	Virupalla Venkat
Parent Mobile no: *	8520369741
Address *	kottucherry, Nagapattinam.
Fees	20000
Date	6/9/2020

At the bottom of the form are two buttons: a purple 'Update Student' button and a red 'CANCEL' button.

- change your mobile number.
- change your parent mobile number.
- change your Address.
- click update student button.

## 5.3 Exam

- show all pending exam\*

ARHAM EDUCATION

Dashboard

Profile

Exam

Result

Attendance

Fees

Log out

Weekly Evaluation Test

Time: 15

Total Mark: 36

Start Exam

Mock Test - 2 | CMAT

Time: 30

Total Mark: 96

Start Exam

Mock Test - 1 | CMAT

Time: 30

Total Mark: 120

Start Exam

### 5.3.1 Start Exam

- when student click start exam then the screen looks like below :

ARHAM EDUCATION

Dashboard

Profile

Exam

Result

Attendance

Fees

Log out

Weekly Evaluation Test

Time: 15

Mock Test - 2 | CMAT

Time: 30

Mock Test - 1 | CMAT

Time: 30

Please Read the Instructions Carefully.

- 1) You will be allotted Minutes to Give Test, After which window will close Automatically.
- 2) You can't go back after submitting the Answer for each Question.
- 3) You can submit the Test before the finishing Time if you want but can't after the time finishes, It will Automatically be submitted.
- 4) Please don't do cheating in test. Be fair to yourself for your true Assessment of skills.
- 5) If you agree with all the terms stated above you may proceed by clicking Start Button Below.
- 6) You are not allowed to press any keyboard keys if you press more than 3 times then you can not continue.

**Best Of Luck!**

Back Start Test

- when student click start test button then student show question of exam. Looks like below:

Time Left : 0Hours : 9Minutes : 41 Seconds

What will be the output of the program If the integer is 4bytes long? #include<stdio.h> int main() { int \*\*\*r, \*\*q, \*p, i=8; p = &i; q = &p; r = &q; printf("%d, %d, %d\n", \*p, \*\*q, \*\*\*r); return 0; }

8, 8, 8  
 4000, 4002, 4004  
 4000, 4004, 4008  
 4000, 4008, 4016

[Clear Choice](#)

[Save & Next](#) [Previous](#) [Submit](#)

2 of 10

**Question Pallette**

1 2 3 4 5 6 7 8 9 10

Attempted Unanswered

#### 1. Remaining time :-

Right side top Conner student show remaining time of exam

#### 2. Clear Choice :-

when student choose wrong answer by mistake that time student clear their answer choice.

#### 3. Save and Next :-

student can save their answer and go to next question.

#### 4. Previous :-

if student want to go previous question that time this button use.

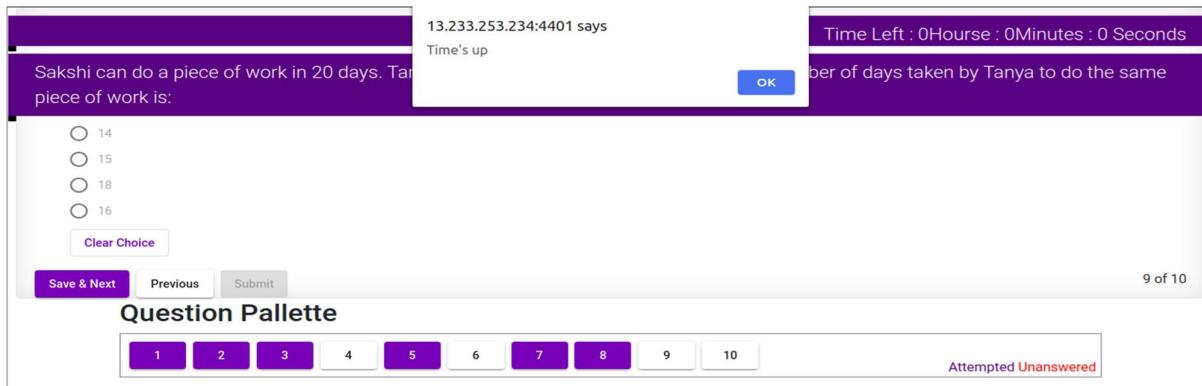
### 5.3.2 Security of exam

- when student press any key of keyboard that time show warning box of exam ending.
- Student can press three times any keyboard key during exam after exam will be stop.
- When student press key during exam that looks like below:

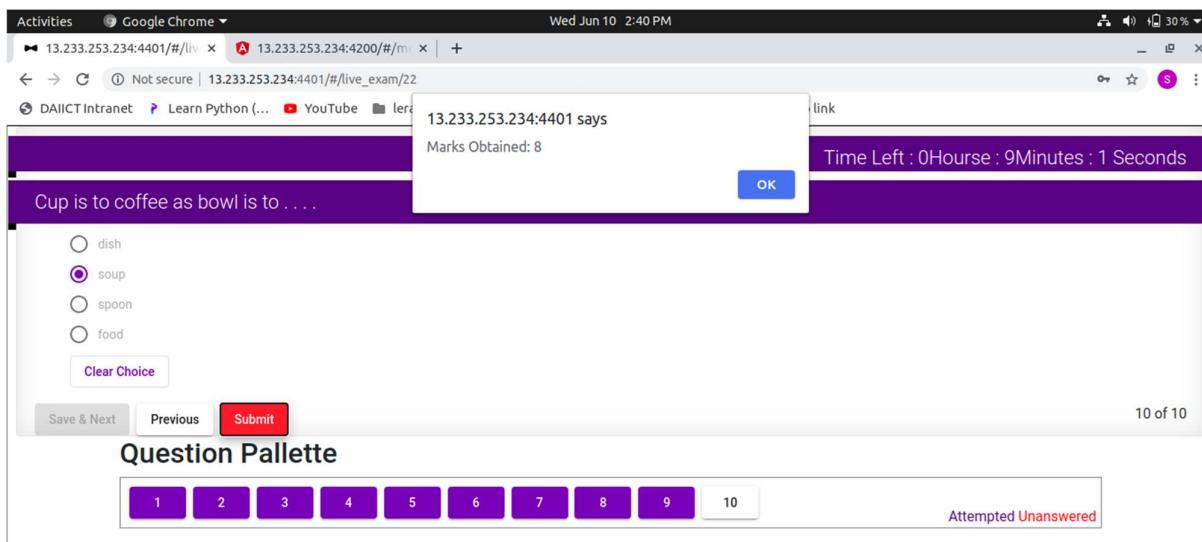
The screenshot shows a digital exam interface. On the left, a question is displayed: "Three taps A, B and C can fill a tank in 12, 15 alternately, the tank will be full in:". Below the question are four options: 6hr, 7hr, 6.5hr, and 7.5hr. The "7hr" option is selected. There is also a "Clear Choice" button. At the bottom of this section are "Save & Next", "Previous", and "Submit" buttons. To the right of the question is a white box containing the IP address "13.233.253.234:4401 says" and the message "2key press remaining". Below this is a blue "OK" button. Further right is another white box showing a timer: "Time Left : 0Hours : 0Minutes : 33 Seconds" and the text "A, B and C are open for one hour each". At the very bottom right of the interface is the text "Attempted Unanswered".

### 5.3.3 End Exam

- there are two scenarios of End of exam, one is student click submit button and other is time up.
- When time up of exam that time student show time up alert box, looks like below and exam will be finish.



- When student click submit button then exam will be finish and show total obtain mark in alert box. Its look like below:



## 5.4 Result

- student can view of all exam result which is give already.

The screenshot shows a mobile application interface for 'ARHAM EDUCATION'. The top navigation bar is purple. On the left, there is a vertical sidebar with a white background containing several menu items: 'Dashboard' (selected), 'Profile', 'Exam', 'Result' (selected and highlighted with a border), 'Attendance', 'Fees', and 'Log out'. The main content area has a white background and displays a card titled 'Weekly Evaluation Test'. Inside the card, it says 'Time: 15' and 'Obtained Mark: 20/36'. Below this is a blue button labeled 'View Result'.

## 5.4.1 View Result

- when student click view result button that time screen looks like below:

The screenshot shows a user interface for 'ARHAM EDUCATION'. On the left, a sidebar menu includes 'Dashboard' (selected), 'Profile', 'Exam', 'Result' (selected), 'Attendance', 'Fees', and 'Log out'. The main content area displays the following information:

**Result :** 20 / 36 Marks Scored  
**Percentage :** 55.56 %

**Question 1:** The sides of a triangle are in the ratio 5: 12: 13 and its perimeter is 300 m its area is?  
Options:  3000 sq m,  3100 sq m,  4000 sq m,  1200 sq m  
Correct Answer : 3000 sq m

**Question 2:** Three pipes A, B and C can fill a tank from empty to full in 30 minutes, 20 minutes, and 10 minutes respectively. When the tank is empty, all the three pipes are opened. A, B and C discharge chemical solutions PQ and R respectively. What is the proportion of the solution R in the liquid in the tank after 3 minutes?  
Options:  5/11,  6/11,  7/11,  8/11  
Correct Answer : 6/11

**Question 3:** A man walked 20 m to cross a rectangular field diagonally. If the length of the field is 16 cm. Find the breadth of the field is?  
Options:  11m,  12m

- student show all question with correct answer.
- Student show their particular exam of obtain mark and percentage.
- If student give wrong answer then correct answer show with red colour.
- If student give right answer then correct answer show with green colour.

## 5.5 Attendance

- student show their attendance. Its looks like below:

The screenshot shows the ARHAM EDUCATION student dashboard. On the left is a sidebar with icons for Dashboard, Profile, Exam, Result, Attendance (which is selected and highlighted with a red box), Fees, and Log out. The main area features a calendar for June 2020. The days of the week are labeled at the top: Su, Mo, Tu, We, Th, Fr, Sa. The month of JUN is centered above the grid. The dates are arranged as follows:

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

In the top right corner of the calendar area, there is a red box containing the text "Total ABSENT DAYS : 1".

- student show their total number of absent days in top right corner.
- Its also show their previous months attendance using calendar controller option.

## 5.6 Fees

- Student show their fees transaction. Its looks like below:

The screenshot shows a web-based application interface for ARHAM EDUCATION. On the left, there is a vertical sidebar with a purple header labeled "ARHAM EDUCATION". Below the header, the sidebar contains several menu items: "Dashboard" (selected), "Profile", "Exam", "Result", "Attendance", "Fees" (selected), and "Log out". The main content area has a white background. At the top right of this area, it displays "Id : 96", "Name : Ashwath Venkat", "Total Fees : ₹20,000.00", and "Pending Fees : ₹20,000.00". Below this, there is a table with two columns: "Payment Date" and "Amount". A single row in the table shows "Jun 9, 2020" in the "Payment Date" column and "₹10,000.00" in the "Amount" column.