

AMIGO

User Manual

Product Info

“Amigo” is basically a web application that offers a user-friendly interface for management of academic affairs (Admissions, Assessments, Awards and Archives. The process of admission and academic management of our institution is less efficient and clumsy in various organizations (NU), as per one of the spokesperson from the Academic Department. Hence we aim to create a platform for smooth, easy and efficient interaction between the students, academic administration and Fees And Admission Department (FnA).

→ Hardware Requirements :

All the hardware on which a Web Browser can be installed can act as an interface for the product and the user. The Hardware can be mobile, laptop, pc and tablet. To use the functionalities of the AMIGO application you need an internet connection to your device as well.

→ 3 User Levels :

- ◆ Student
- ◆ HoD
- ◆ Fna

→ Communication interfaces :

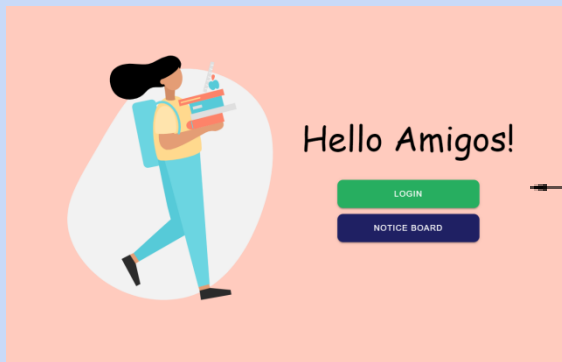
The communication between the different parts of the system is important since they depend on each other. However, in what way the communication is achieved is not important for the system and is therefore handled by the underlying operating systems for web application. But, any transaction on the web deals with the following protocols.

- TCP/IP
- HTTP

→ Web App Link :

<https://amigo-73b2a.web.app/>

LOGIN :



Click on the login button after getting redirected to home page of amigo from the link given above. After clicking the button you will be redirected to the login page.

After you come to the login page you will have 3 options (as users) to choose from namely as student or HoD or FnA. Select the type of user and then enter the valid credentials for the selected user given above.

The Login credentials for the 3 type of users are :-

STUDENT:

Username : iit2019198@amigo.com

Password : 123

(Also new students can be registered and used).

FnA:

Username : fna@amigo.com

Password : 123

HoD:

Username : it@amigo.com

Password : 123



Amigo

Student

Fee and Administration

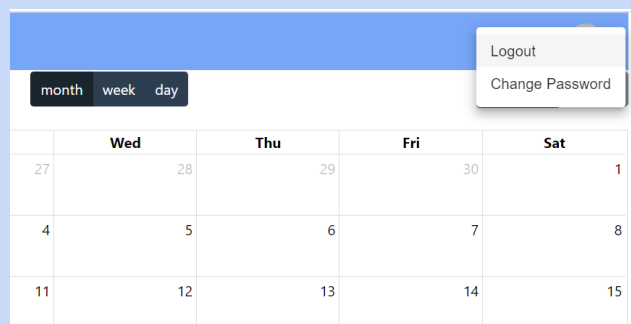
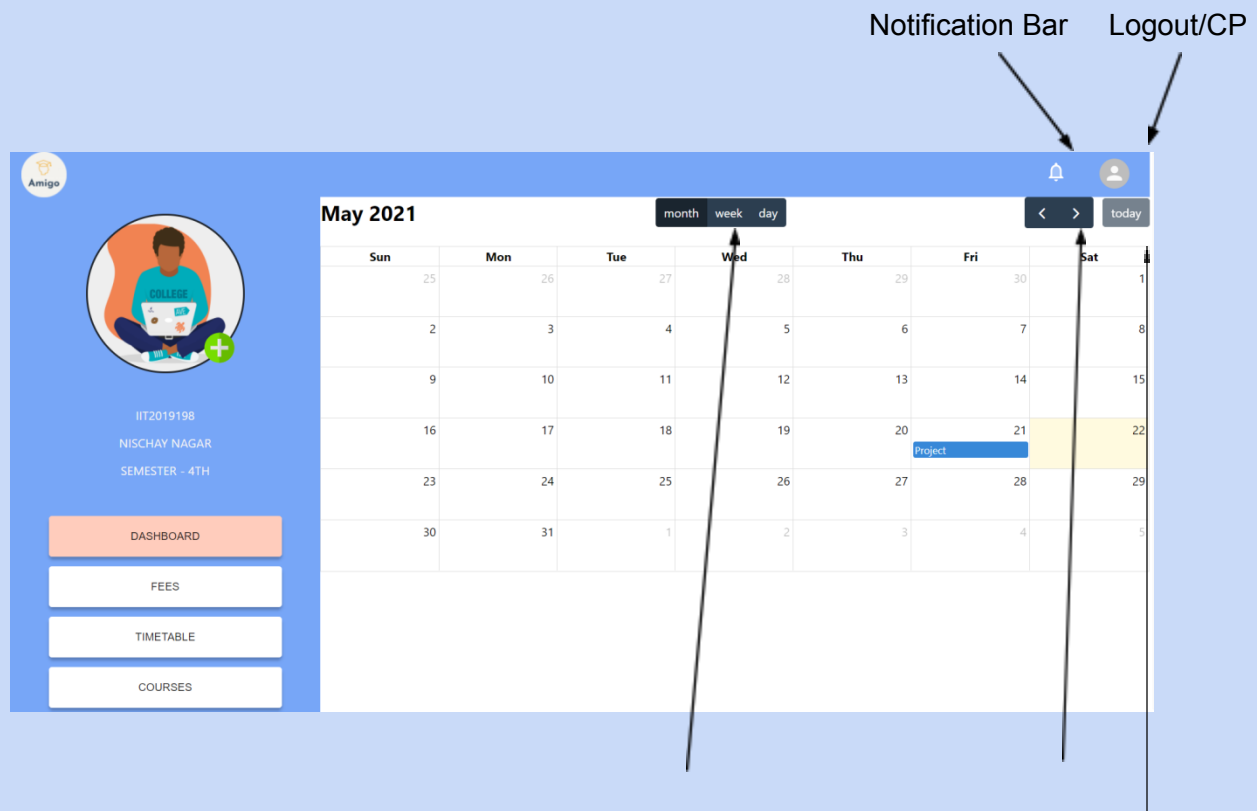
Head of Department

Password

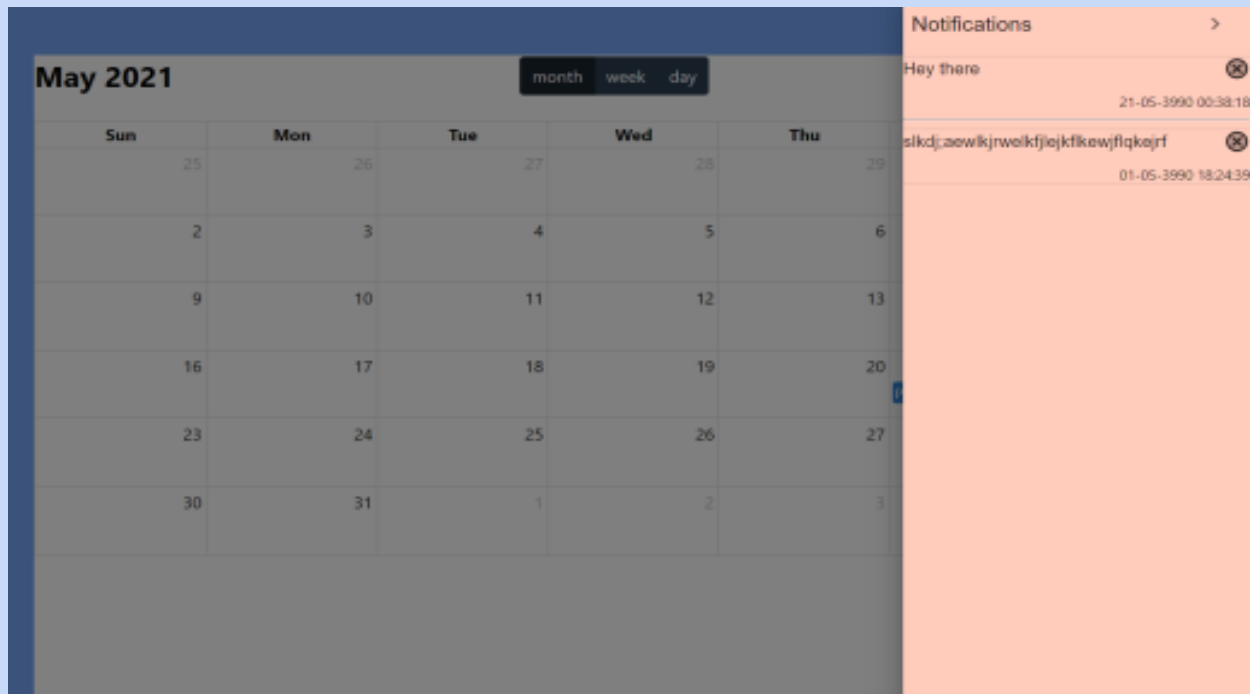
LOGIN

STUDENT DASHBOARD :

WHEN YOU SUCCESSFULLY LOGIN AS **STUDENT** YOU WILL BE REDIRECTED TO THE STUDENT DASHBOARD WHICH LOOKS AS GIVEN BELOW :



When you click on the Logout/CP button located on the top right corner, you will have the option for logout and change password.



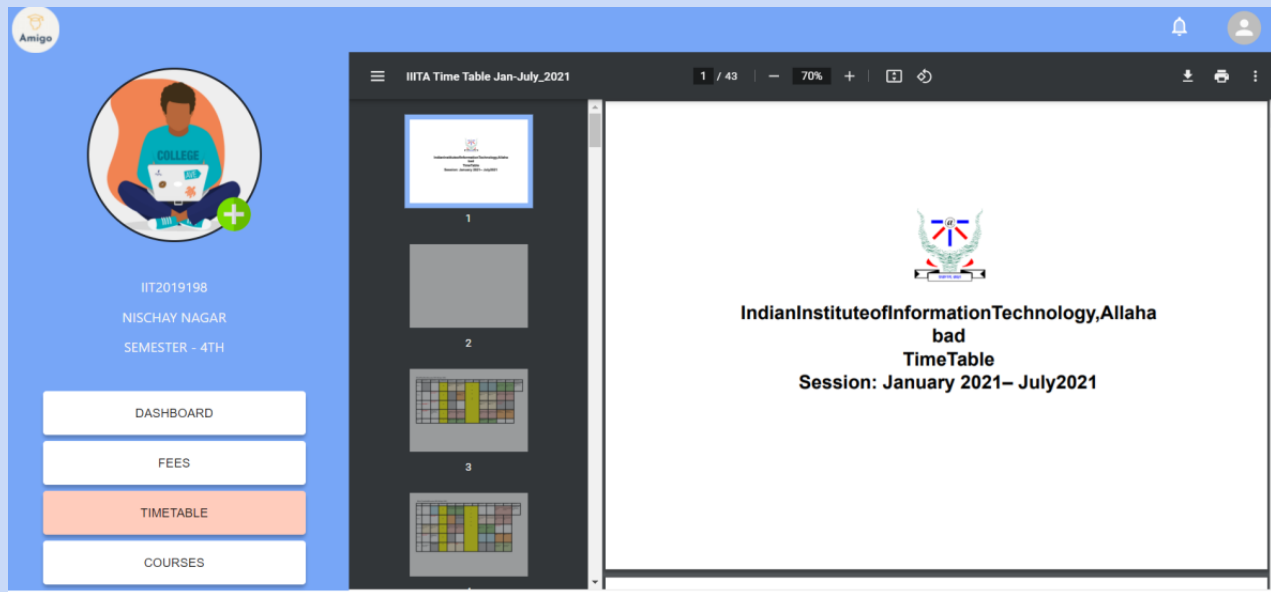
Clicking on Notification Bar you will see a pink colored slider pop up from right which will show the current notifications.

Student Fees :



The Fees Section shows the fee status and the amount of delayed fee or penalty fee to be given.

Student Timetable :



The Time Table section helps to upload / download / print the time table in pdf format.

STUDENT COURSES:

The screenshot shows the 'IIT Madras' student portal interface for the 'COURSES' section. The sidebar on the left is identical to the previous screenshot, with the 'COURSES' button highlighted in orange. The main content area is titled 'Ongoing Courses' and states 'You are not Enrolled to any course right now.' Below this, there is a section for 'Completed Courses' which contains a table with the following data:

#	Semester	Course Id	Course Name	Course Type	GPA
0	1	ITP	Introduction To Programming	CORE	8.81
1	1	PFC	Professional Communication	CORE	8.59
2	1	FEE	Fundamental of Electrical and Electronics Engg.	CORE	9.16
3	1	PHY	Physics	CORE	9.97
4	1	POM	Principles of Management	CORE	9.96
5	1	LAL	Linear Algebra	CORE	8.77

The student courses section shows the total details of all the courses of that particular student.

FnA DASHBOARD :

WHEN YOU SUCCESSFULLY LOGIN AS **FnA** YOU WILL BE REDIRECTED TO THE FnA DASHBOARD WHICH LOOKS AS GIVEN BELOW :



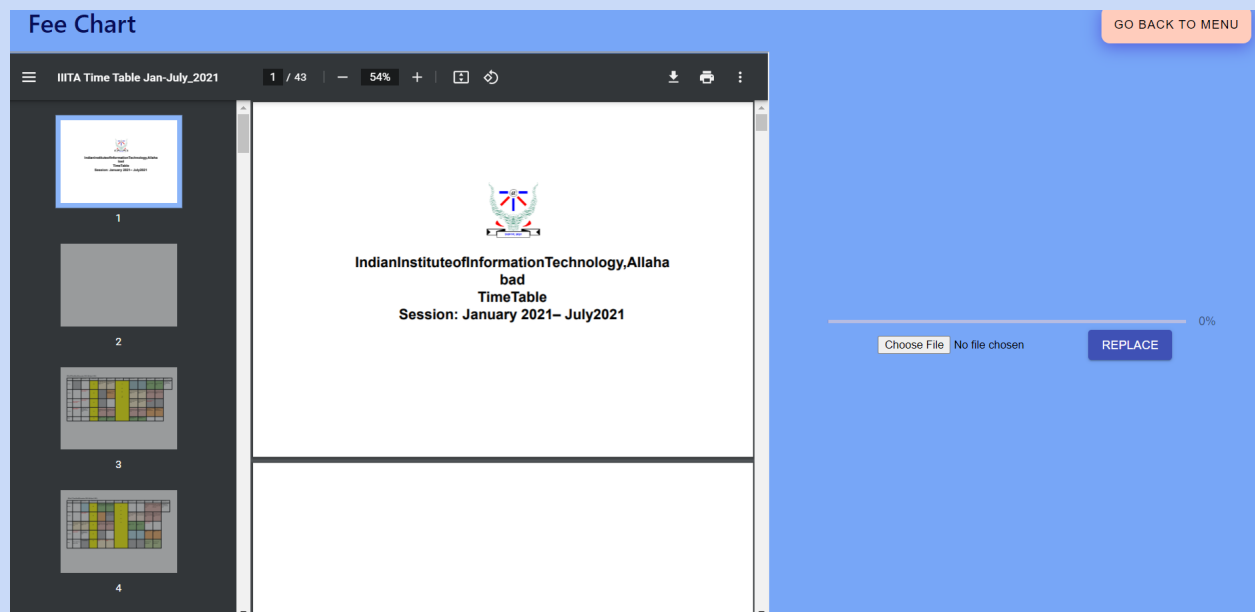
The FnA dashboard has the following above listed functions:-

- Fee Chart : allows the user to check the list and fees chart data.
- Defaulters List : allows the user to check the list of students who have not paid their fees until now.
- Send Notifications : allows the user to send the notification to students regarding fees.
- Deadline Extension : allows the user to extend the deadline of fees payment.
- Student Registration : allows the user to register a student.

- Fee Approval : allows the user to approve the fees payment by students and remove their name from defaulters list.
- Fee At Registration : allows the user to check the fee status of students at registration.
- Fee At Admission : allows the user to check the fee status of students at admission.

Fee Chart :

It allows the user to upload the fees chart in pdf format. The fee chart can be updated (removing the previous one and uploading the new one) by clicking on the replace button and then selecting the latest fees chart to be updated. The fee chart can be downloaded by clicking the download button. Clicking on “GO BACK TO MENU” takes you to the FnA dashboard.











Defaulters List :

It allows the user to manage the list of defaulters. The list contains the enrollment number, name, semester, outstanding fee and deadline of submission for each student. The user can send a notification to the defaulters by clicking on the send button and then a notification tab will pop out. Clicking on “GO BACK TO MENU” takes you to the FnA dashboard.

DEFAULTERS LIST						GO BACK TO MENU
#	Enroll No.	Name	Semester	Outstanding FEE	DEADLINE	
1	IIT2019218	Akhilesh Yadav	4	0(Paid now)	5/13/2021	
2	IIT2019251	Vikram Singh	1	80200	5/13/2021	
3	IIT2019198	Nischay Nagar	4	0(Paid now)	5/13/2021	
4	IIT2019211	Nischay Nagar	4	0(Paid now)	5/13/2021	
5	IIT2019213	Nischay Nagar	4	0(Paid now)	5/13/2021	
6	IIT2019215	Nischay Nagar	4	0(Paid now)	5/13/2021	
7	IIT2019217	Akhilesh Yadav	4	0(Paid now)	5/13/2021	
8	IIT2019219	Akhilesh Yadav	4	0(Paid now)	5/13/2021	
9	IIT2019240	Akhilesh Yadav	4	0(Paid now)	5/13/2021	
ALERT DEFAULTERS						SEND

Send Notifications :

It allows the user to send notification to any student. The user can simultaneously select multiple students and send the notification to all of them at once. The user must type the notification and click on send button. Clicking on “GO BACK TO MENU” takes you to the FnA dashboard.

SEND NOTIFICATIONS		GO BACK TO MENU
<div><div>Students</div><div><div> IIT2019190 Raj Chandra</div><div><input checked="" type="checkbox"/></div></div><div><div> IIT2019194 Rahul Roy</div><div><input type="checkbox"/></div></div><div><div> IIT2019198 Nischay Nagar</div><div><input checked="" type="checkbox"/></div></div><div><div> IIT2019210 Rahul Roy</div><div><input checked="" type="checkbox"/></div></div><div><div> IIT2019211 Nischay Nagar</div><div><input type="checkbox"/></div></div><div><div> IIT2019212 Rahul Roy</div><div><input type="checkbox"/></div></div><div><div> IIT2019213 Nischay Nagar</div><div><input type="checkbox"/></div></div><div><div> IIT2019214 Rahul Roy</div><div><input type="checkbox"/></div></div></div>		

New Notification

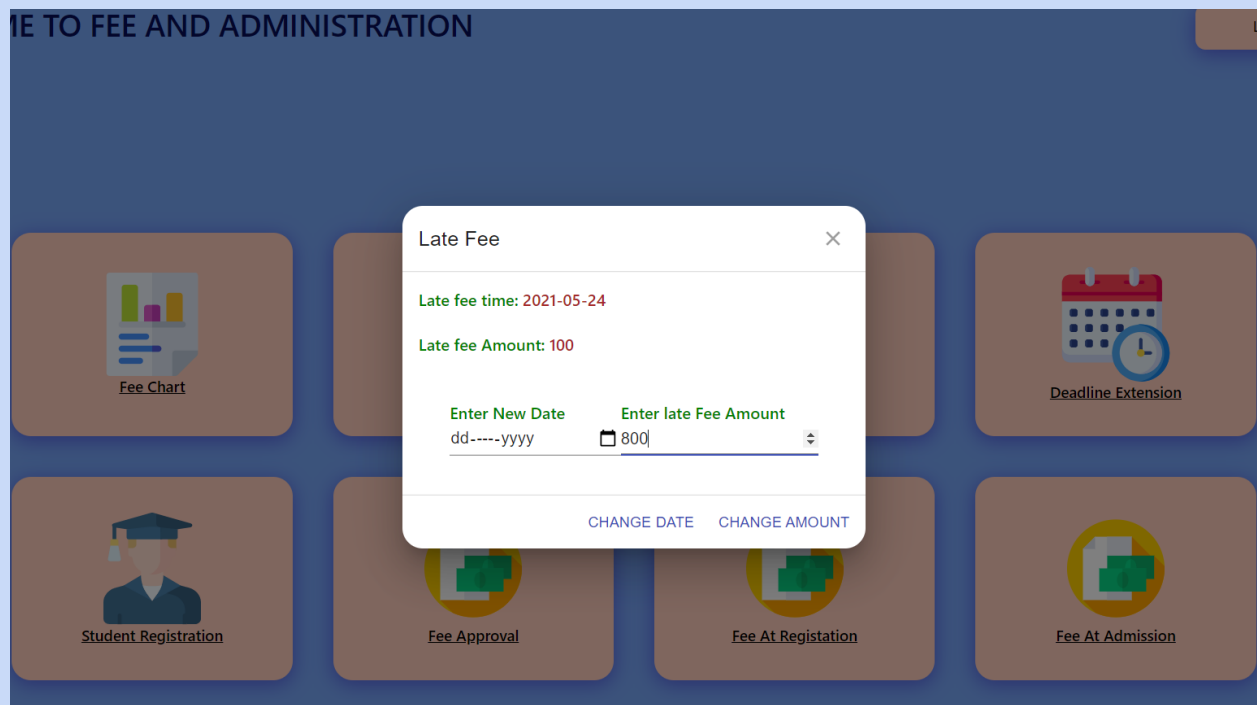
Notification *

You are requested to report at the admin auditorium at 7pm.

SEND

Deadline Extension :

It allows the user to fix the amount of late fee and late fee submission deadline for all the students. The user can select to change the submission date or late fee amount or both.



Student Registration :

It allows the user to register a new student. The user must enter the first name, last name, enrollment number, address, city, state/province, postal code, country date of birth (using in-built calendar) and the fee payment status checkbox and then click on next button to complete registration. Clicking on back button takes back to FnA dashboard.

Student Registration

1 Student details

2 Courses details

3 Review application

Student Details

First name *

Last name *

Enrollment Number *

Address line 1 *

City *

State/Province/Region

Zip / Postal code *

Country *

Birthday

01-Jan-1990

☐ Fees Paid

BACK

NEXT

Fee Approval :

It allows the user to approve the fee payment of any student. Clicking on “GO BACK TO MENU” takes you to the FnA dashboard.

FEE APPROVAL				GO BACK TO MENU
#	Email	Description	Approve	
1	iit2019218@amigo.com	{"latefee":200,"semfee":80000,"paid":80200,"due":0}	approve	
2	iit2019251@amigo.com	{"latefee":200,"semfee":80000,"paid":80200,"due":0}	approve	

Fee At Registration :

It allows the user to check the fee status of the students at the time of registration. Clicking on “GO BACK TO MENU” takes you to the FnA dashboard.

FEE AT REGISTRATION

[GO BACK TO MENU](#)

#	Enroll No.	Name	Semester	FEE Status at the time of Registration
1	IIT2019190	Raj Chandra	1	Not Paid At the time of Registration
2	IIT2019194	Rahul Roy	4	Not Paid At the time of Registration
3	IIT2019198	Nischay Nagar	4	Not Paid At the time of Registration
4	IIT2019210	Rahul Roy	4	Not Paid At the time of Registration
5	IIT2019211	Nischay Nagar	4	Not Paid At the time of Registration
6	IIT2019212	Rahul Roy	4	Not Paid At the time of Registration
7	IIT2019213	Nischay Nagar	4	Not Paid At the time of Registration
8	IIT2019214	Rahul Roy	4	Not Paid At the time of Registration
9	IIT2019215	Nischay Nagar	4	Not Paid At the time of Registration
10	IIT2019216	Rahul Roy	4	Not Paid At the time of Registration

Fee At Admission :

It allows the user to check the fee status of students at the time of admission. Clicking on “GO BACK TO MENU” takes you to the FnA dashboard.

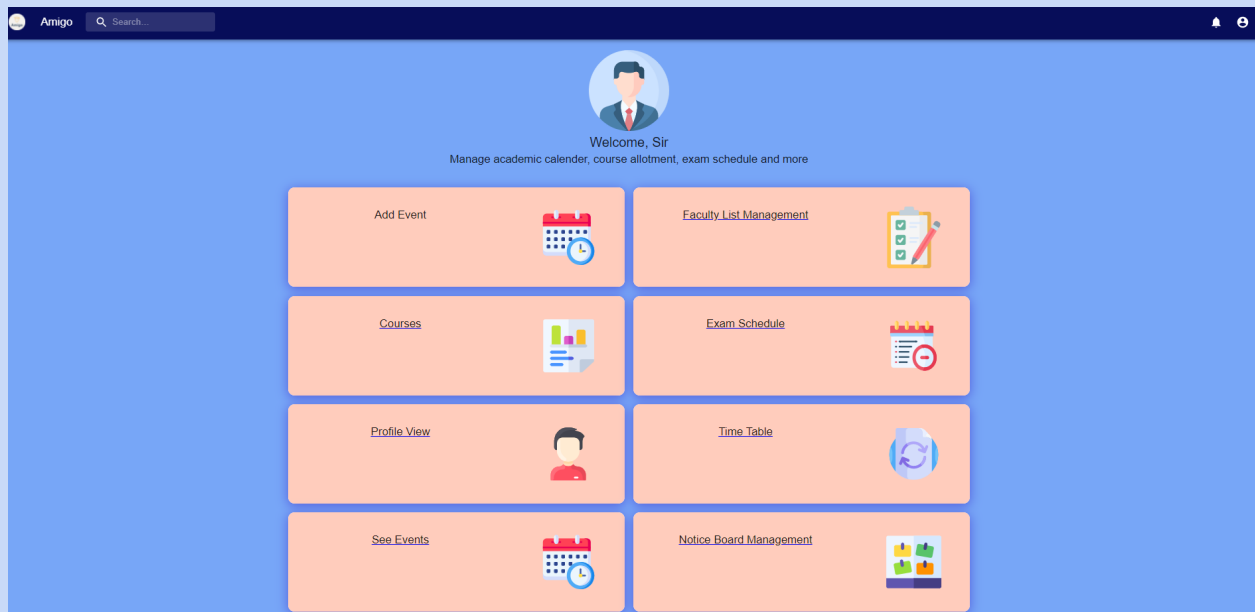
FEE AT ADMISSION

[GO BACK TO MENU](#)

#	Enroll No.	Name	Semester	FEE Status at the time of Admission
1	IIT2019190	Raj Chandra	1	Not Paid At the time of admission
2	IIT2019194	Rahul Roy	4	Not Paid At the time of admission
3	IIT2019198	Nischay Nagar	4	Not Paid At the time of admission
4	IIT2019210	Rahul Roy	4	Not Paid At the time of admission
5	IIT2019211	Nischay Nagar	4	Not Paid At the time of admission
6	IIT2019212	Rahul Roy	4	Not Paid At the time of admission
7	IIT2019213	Nischay Nagar	4	Not Paid At the time of admission
8	IIT2019214	Rahul Roy	4	Not Paid At the time of admission
9	IIT2019215	Nischay Nagar	4	Not Paid At the time of admission
10	IIT2019216	Rahul Roy	4	Not Paid At the time of admission

HoD DASHBOARD :

WHEN YOU SUCCESSFULLY LOGIN AS **HoD** YOU WILL BE REDIRECTED TO THE FnA DASHBOARD WHICH LOOKS AS GIVEN BELOW :

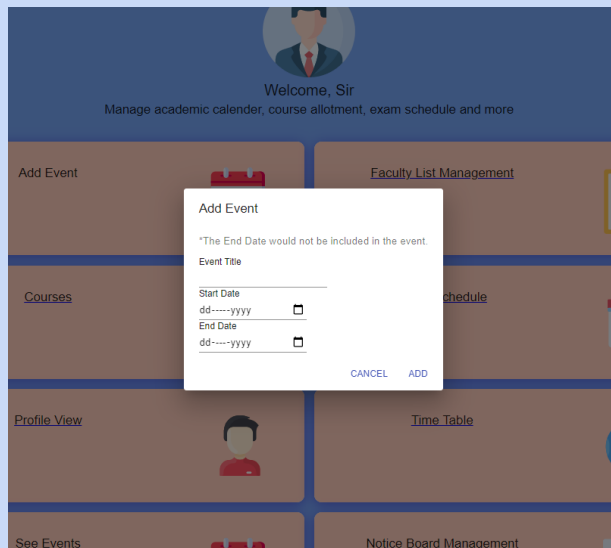


The HoD dashboard has the following 8 functions :

- Add Event : allows the user to add an event to the calendar.
- Faculty List Management : allows the user to manage the list of faculties.
- Courses : allows the user for course management of all courses.
- Exam Schedule : allows the user to manage the exam schedule of the students.
- Profile View : allows the user to view and update profile.
- Time Table : allows the user to update the time table.
- See Events : allows the user to check upcoming events.
- Notice Board Management : allows the user to manage the notice board.

Add Event :

It allows the user to add an event to the calendar. The user must specify the start date and end date of the event and then click on “ADD” to add the event to the calendar. The user can click on cancel button at any time cancel the addition of a new event.



Faculty List Management :

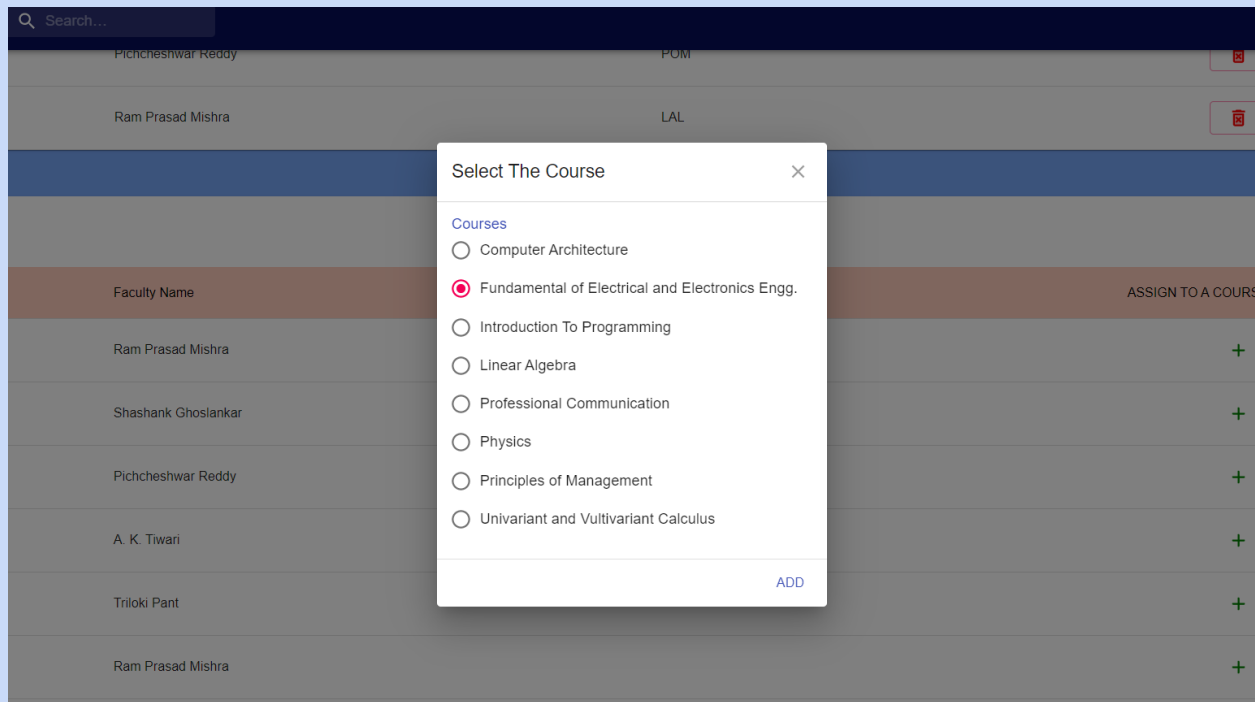
It allows the user to check the list of all faculties and their courses. The user can assign any teacher to any course by clicking on “ADD TO A COURSE BUTTON”. The user can also remove any teacher from a course by clicking in the delete/remove symbol next to the courseID in the list of faculties assigned to a course. Clicking on “GO BACK TO MENU” takes you to the FnA dashboard.

LIST OF ALL THE TEACHERS ASSIGNED TO A COURSE			
#	Faculty Name	Course ID	REMOVE
1	Pothoashwar Reddy	PHW	
2	Ram Prasad Mishra	PHW	
3	Pothoashwar Reddy	PHC	
4	Pothoashwar Reddy	PQM	
5	Ram Prasad Mishra	LAL	

LIST OF ALL THE TEACHERS		
#	Faculty Name	ASSIGN TO A COURSE
1	Ram Prasad Mishra	
2	Shashank Ghoshakar	
3	Pothoashwar Reddy	
4	A. K. Tripathi	
5	Tripathi Parit	
6	Ram Prasad Mishra	
7	Sudipha Das	
8	Ashish Kumar	

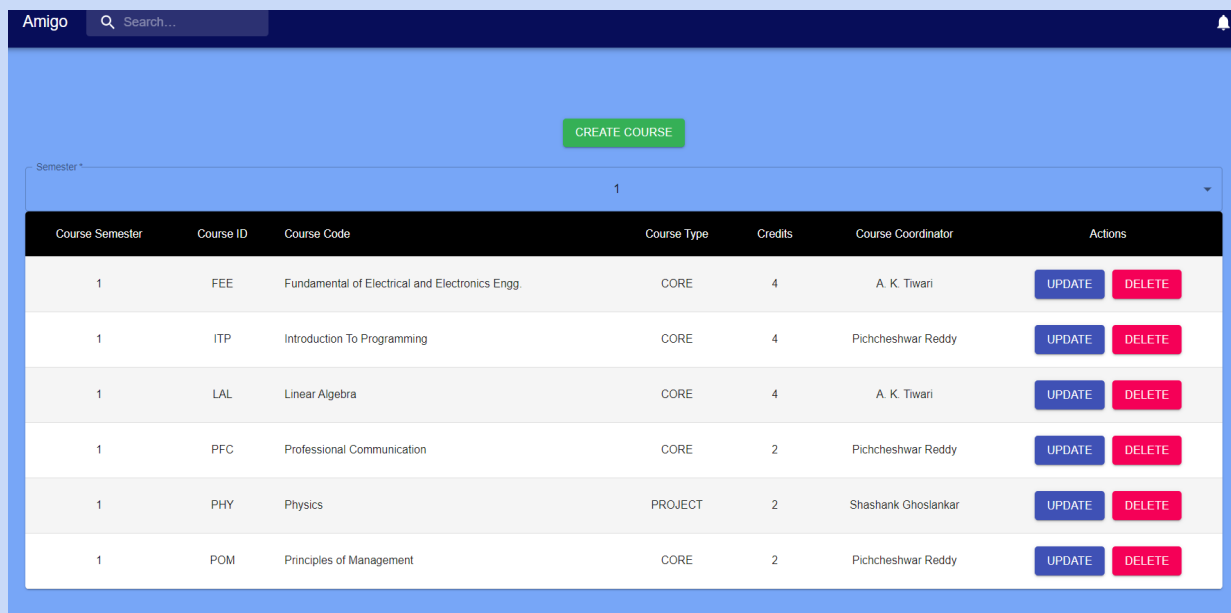
The user can assign any teacher to any course by clicking on “ADD TO A COURSE BUTTON”.

On clicking the button the user will see a list of courses and the user can select the course from the available courses and add to the list above.



Courses :

It allows the user to check the list of all courses. The list includes details such as Semester, CourseID, Course Code, Course Type, Credits, Course coordinator and also provides some actions that the user can perform on them. The user can update or delete a course by clicking on the specified button. Clicking on “GO BACK TO MENU” takes you to the FnA dashboard.



When the user selects the update option by clicking on the update button, he/she can see a course update menu pop up on the screen. Here the user can enter the course ID, course code, Course

coordinator, semester, course type and credits and then click on update to update the courses list and this new course to it. The user can click on the cancel button at any time to cancel the update.

The screenshot shows a 'Course Update' modal form overlaid on a table of courses. The modal form contains the following fields:

- Course ID: FEE
- Course Code: Fundamental of Electrical and Electronics Engg
- Course Coordinator: A. K. Tiwari
- Semester: 1
- Course Type: Core
- Credits: 4

At the bottom of the modal are 'CANCEL' and 'UPDATE' buttons. The background table has columns: Semester, Course ID, Course Code, Credits, Course Coordinator, and Actions. The table contains six rows of course data.

Semester	Course ID	Course Code	Credits	Course Coordinator	Actions
1	FEE	Fundamental of Electrical and Electronics Engg	4	A. K. Tiwari	UPDATE DELETE
1	ITP	Introduction To Programming	4	Pichcheshwar Reddy	UPDATE DELETE
1	LAL	Linear Algebra	4	A. K. Tiwari	UPDATE DELETE
1	PFC	Professional Communication	2	Pichcheshwar Reddy	UPDATE DELETE
1	PHY	Physics	2	Shashank Ghoslankar	UPDATE DELETE
1	POM	Principles of Management	2	Pichcheshwar Reddy	UPDATE DELETE

If the user clicks on the delete button then a confirmation pop up will be shown.

The screenshot shows a 'Course Delete' modal form overlaid on a table of courses. The modal form contains the following text:

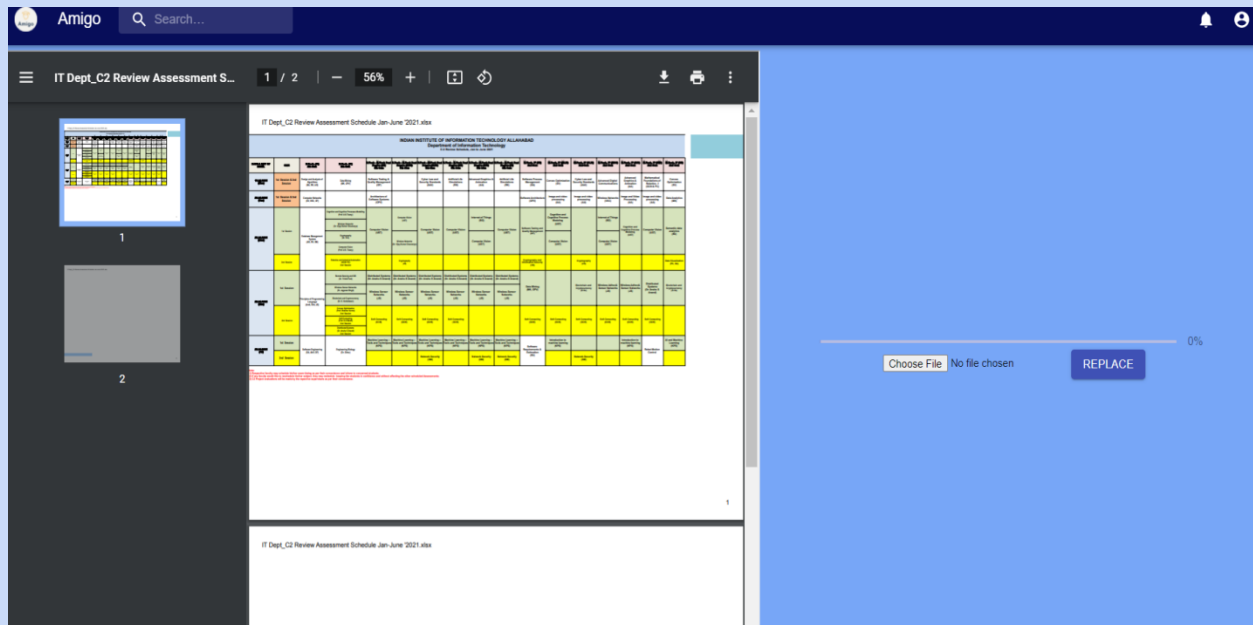
Are you sure, you want to delete this course ?

At the bottom of the modal are 'CANCEL' and 'DELETE' buttons. The background table has columns: Semester, Course ID, Course Code, Course Type, Credits, Course Coordinator, and Actions. The table contains six rows of course data.

Semester	Course ID	Course Code	Course Type	Credits	Course Coordinator	Actions
1	FEE	Fundamental of Electrical and Electronics Engg	CORE	4	A. K. Tiwari	UPDATE DELETE
1	ITP	Introduction To Programming	CORE	4	Pichcheshwar Reddy	UPDATE DELETE
1	LAL	Linear Algebra	CORE	4	A. K. Tiwari	UPDATE DELETE
1	PFC	Professional Communication	CORE	2	Pichcheshwar Reddy	UPDATE DELETE
1	PHY	Physics	PROJECT	2	Shashank Ghoslankar	UPDATE DELETE
1	POM	Principles of Management	CORE	2	Pichcheshwar Reddy	UPDATE DELETE

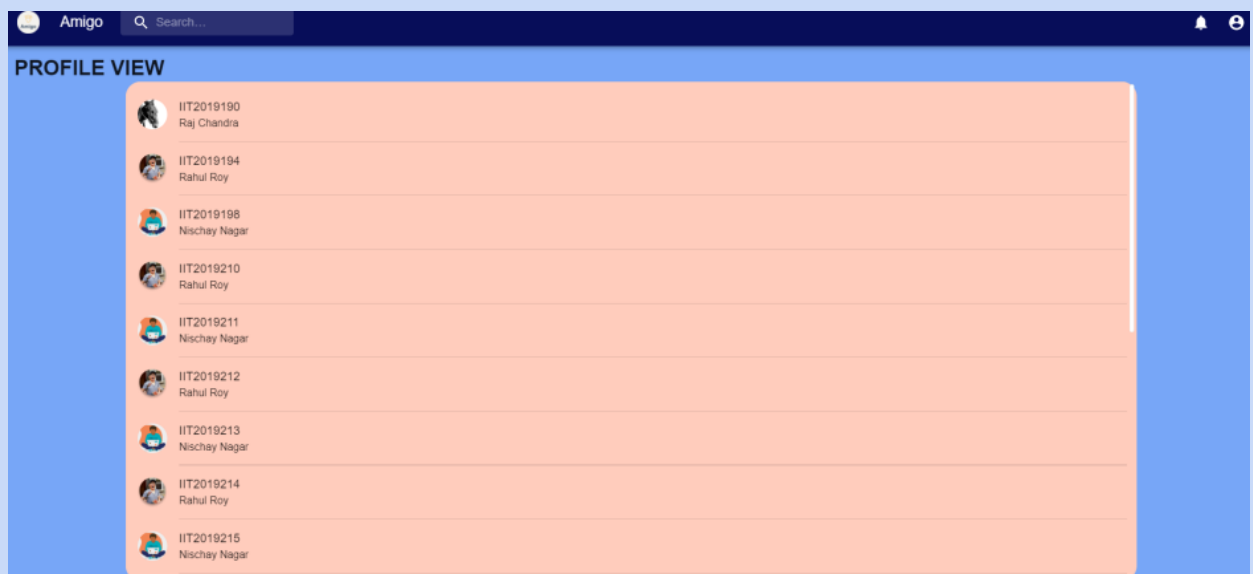
Exam Schedule :

It allows the user to upload the exam schedule in pdf format. The exam schedule can be updated (removing the previous one and uploading the new one) by clicking on the replace button and then selecting the latest exam schedule to be updated. The exam schedule can be downloaded by clicking the download button.

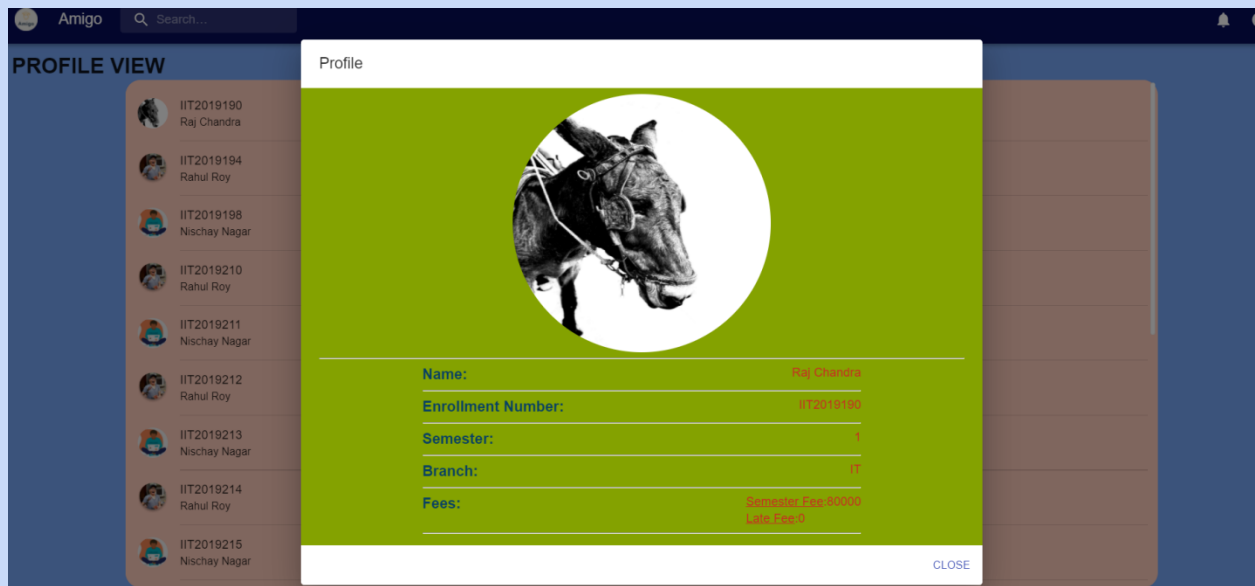


Profile View :

It allows the user to check and update the profiles of all the registered students.

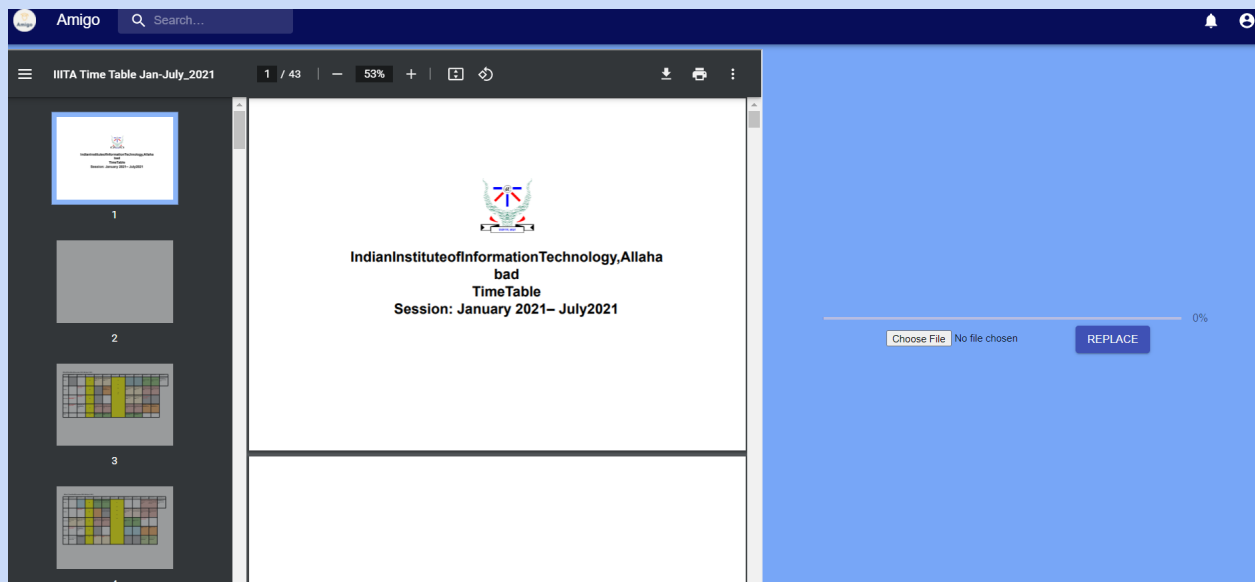


The profile view contains the name, enrollment number, semester, branch and fees of the student.



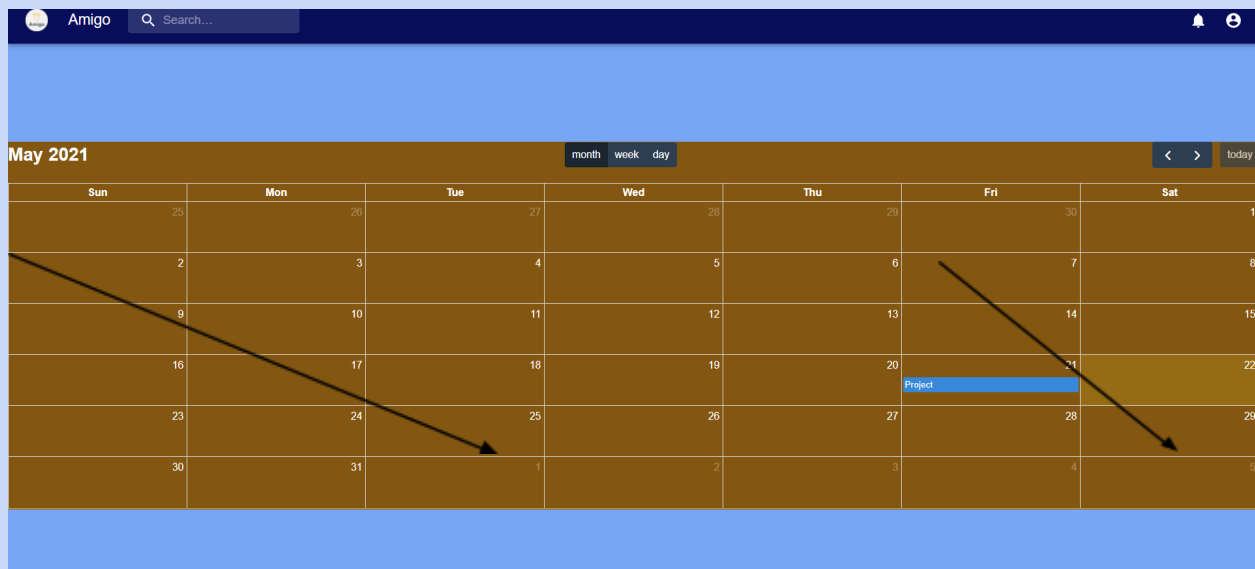
Time Table :

It allows the user to upload the time table in pdf format. The time table can be updated (removing the previous one and uploading the new one) by clicking on the replace button and then selecting the latest time table to be updated. The time table can be downloaded by clicking the download button.



See Events :

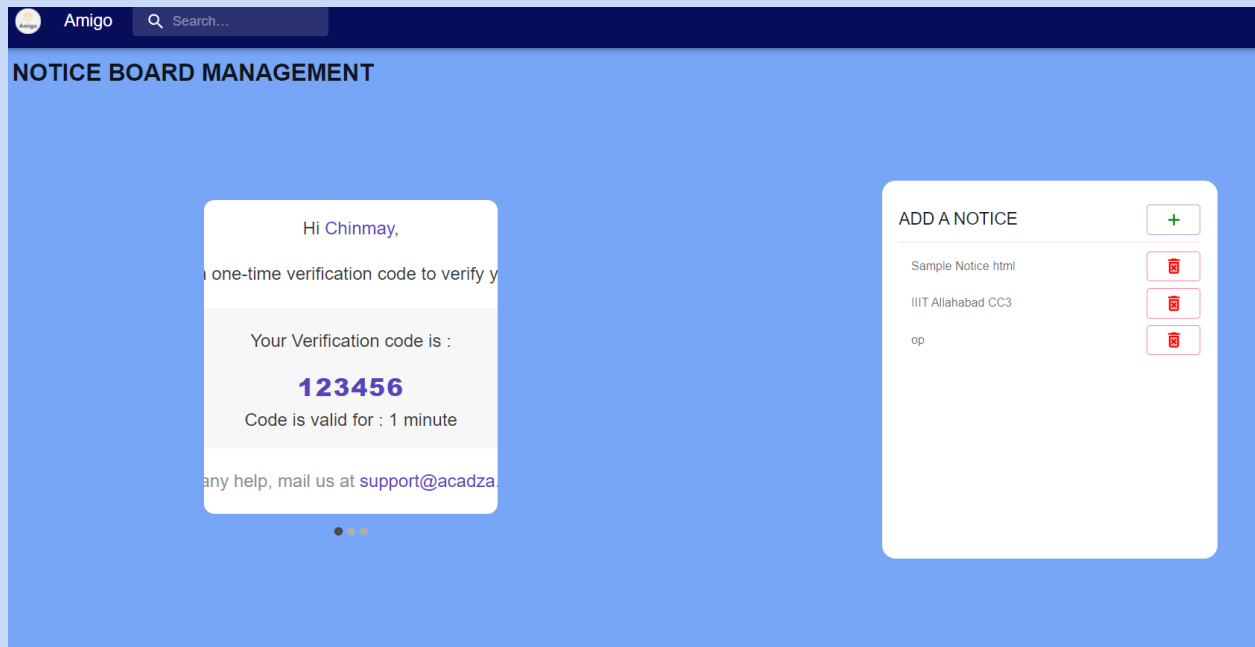
It allows the user check the events by month, week or day by clicking the 'type of format button' situated at the top of the page. The user can navigate to next and previous month.



EVENT

Notice Board Management :

It allows the user to manage the notice board which can be seen by any user despite the fact that he/she is logged in or not as an user. The notice board can have multiple notices/components. Each notice is shown in the list below.



The user can add a notice by clicking on the '+' button situated at the right of "ADD A NOTICE" label.

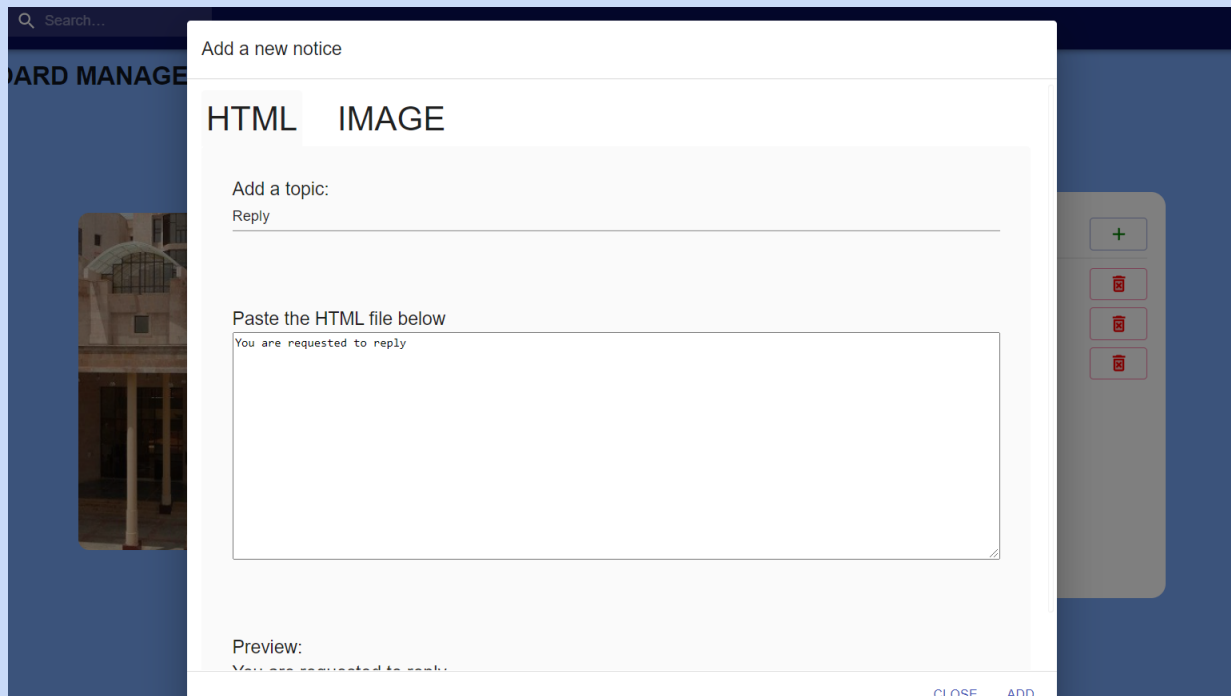
Also the user can delete a notice by clicking on the delete button next to every notice.

Adding a notice :

The user can add a notice by two methods :

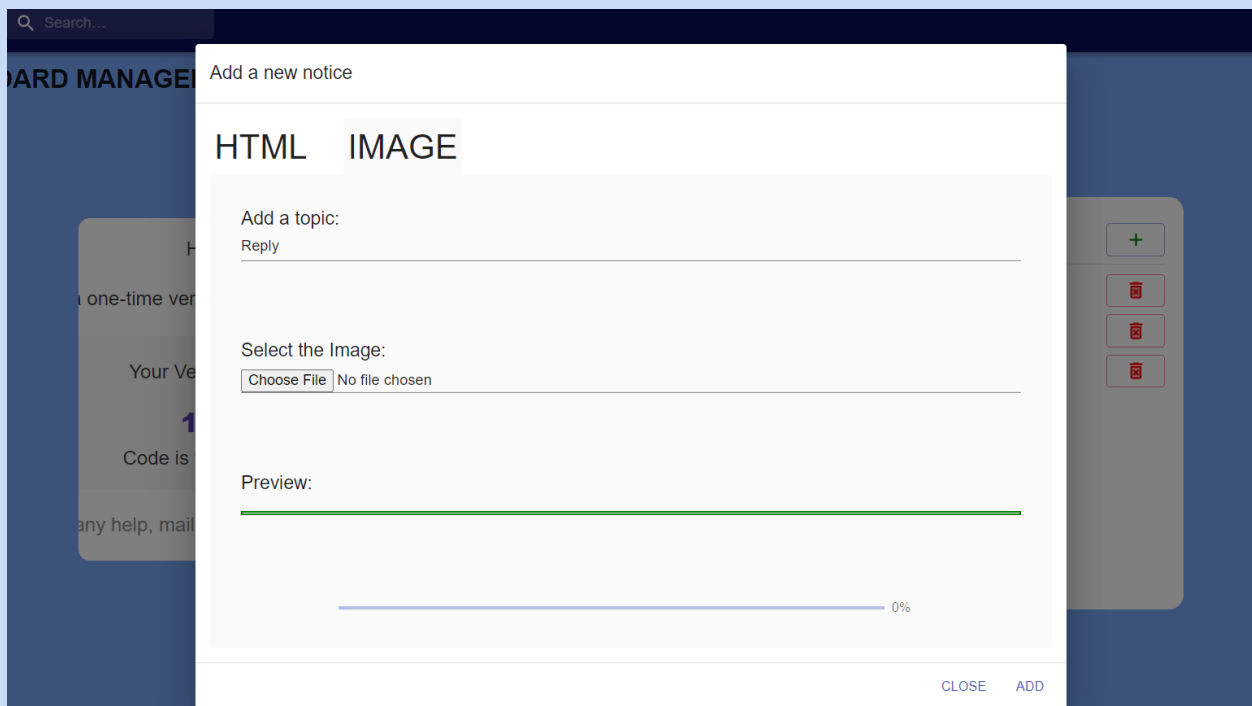
1) **As HTML :**

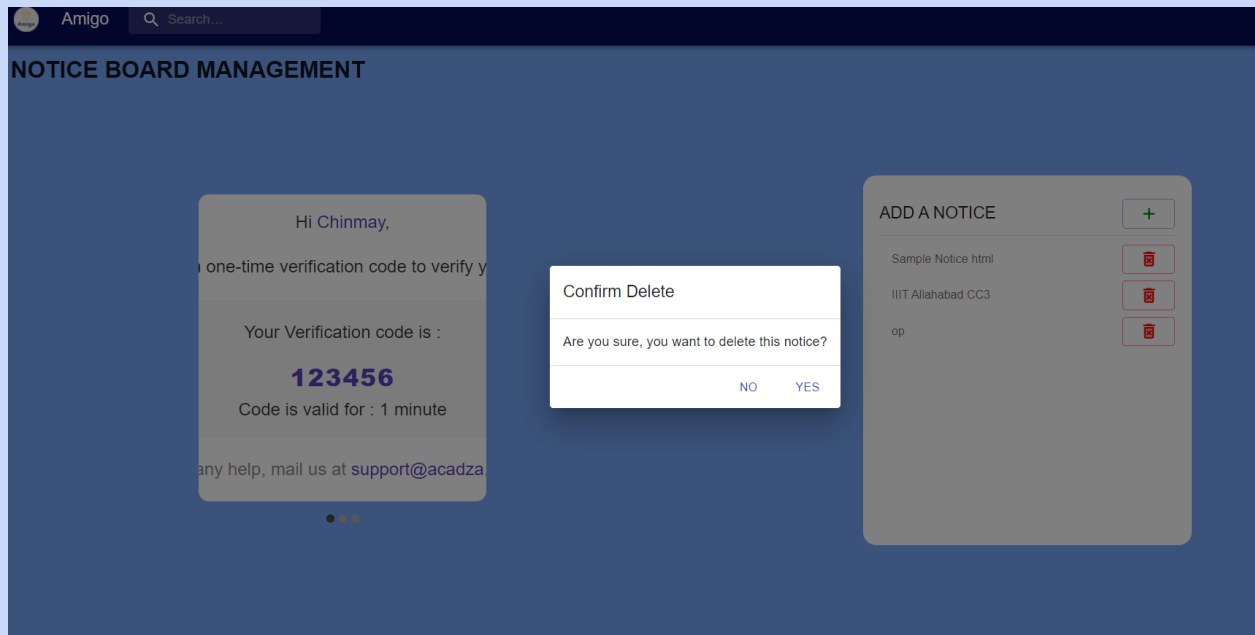
The user can add the notice in the form of a html by typing in the notice to be pasted and then clicking on the add button. Clicking on the cancel button cancels the update. The user can also specify a topic.



2) **As Image :**

The user can add the notice in the form of an image by choosing the file to be pasted from local storage and then clicking on the add button. Clicking on the cancel button cancels the update. The user can also specify a topic.





NOTICE BOARD :

