

PROJECT DOCUMENTATION



Project Name:-

A.A.N.M & V.V.R.S.R's STUDENT PORTAL

Developed by:-

- | | |
|-------------------------------|----------------|
| ○ Bhogadi Vidhey | (18030-CM012) |
| ○ Gamgolukumar prasanna kumar | (18030-CM-037) |
| ○ Gangisetty praveen | (18030-CM-040) |
| ○ Immadisetty premchand | (18030-CM-052) |
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Overview of project:-

This project shows internal marks for a student based on pin, and also shows attendance of a student.

In this project we provide 4 types of login's. They were Admin, Principal, Hod and Faculty.

Admin plays a vital role in this project. He will provide login's to all other organizers(i.e. Principal, HOD's and Faculty) and maintains the site. He is also responsible to give reply to the questions posted by the user .

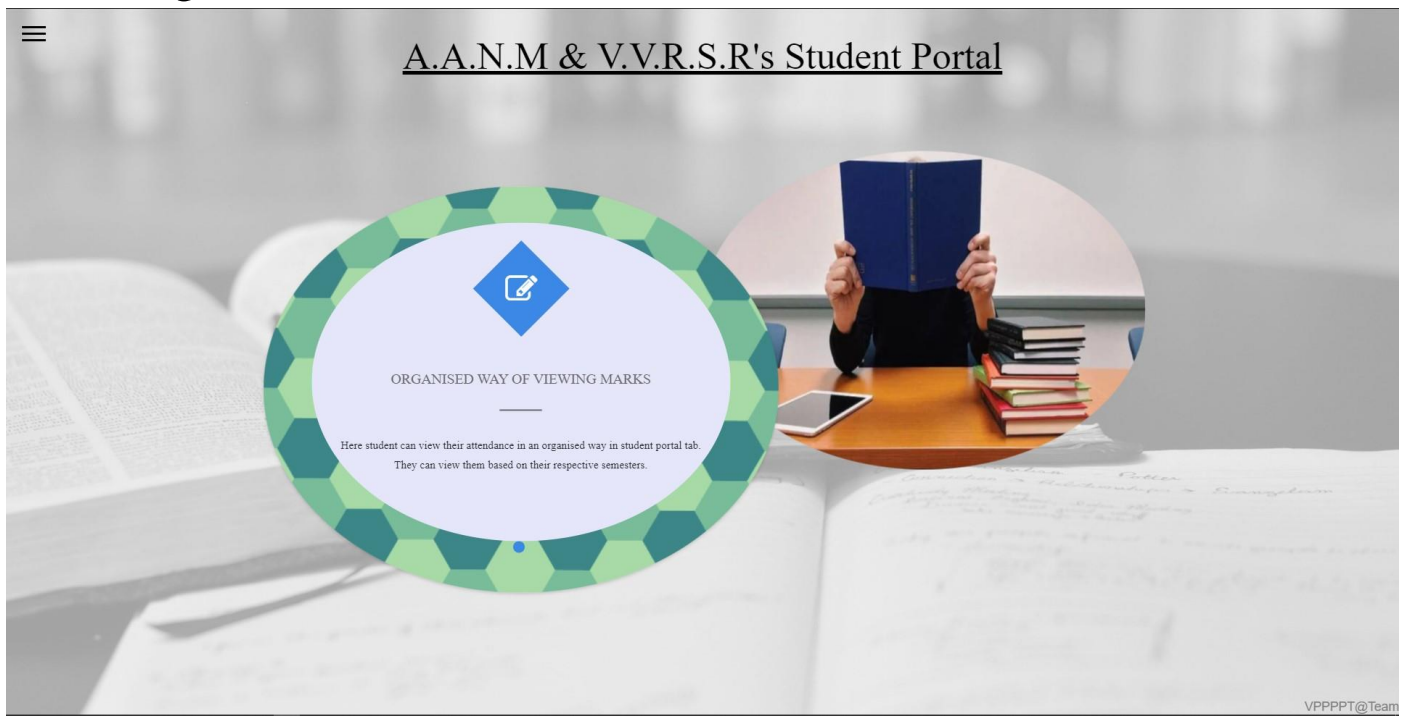
Principal will promote students to next year and can view their faculty and student details.

Hod will give attendance to the faculty, and view the marks of the students belonging to their respective branch.

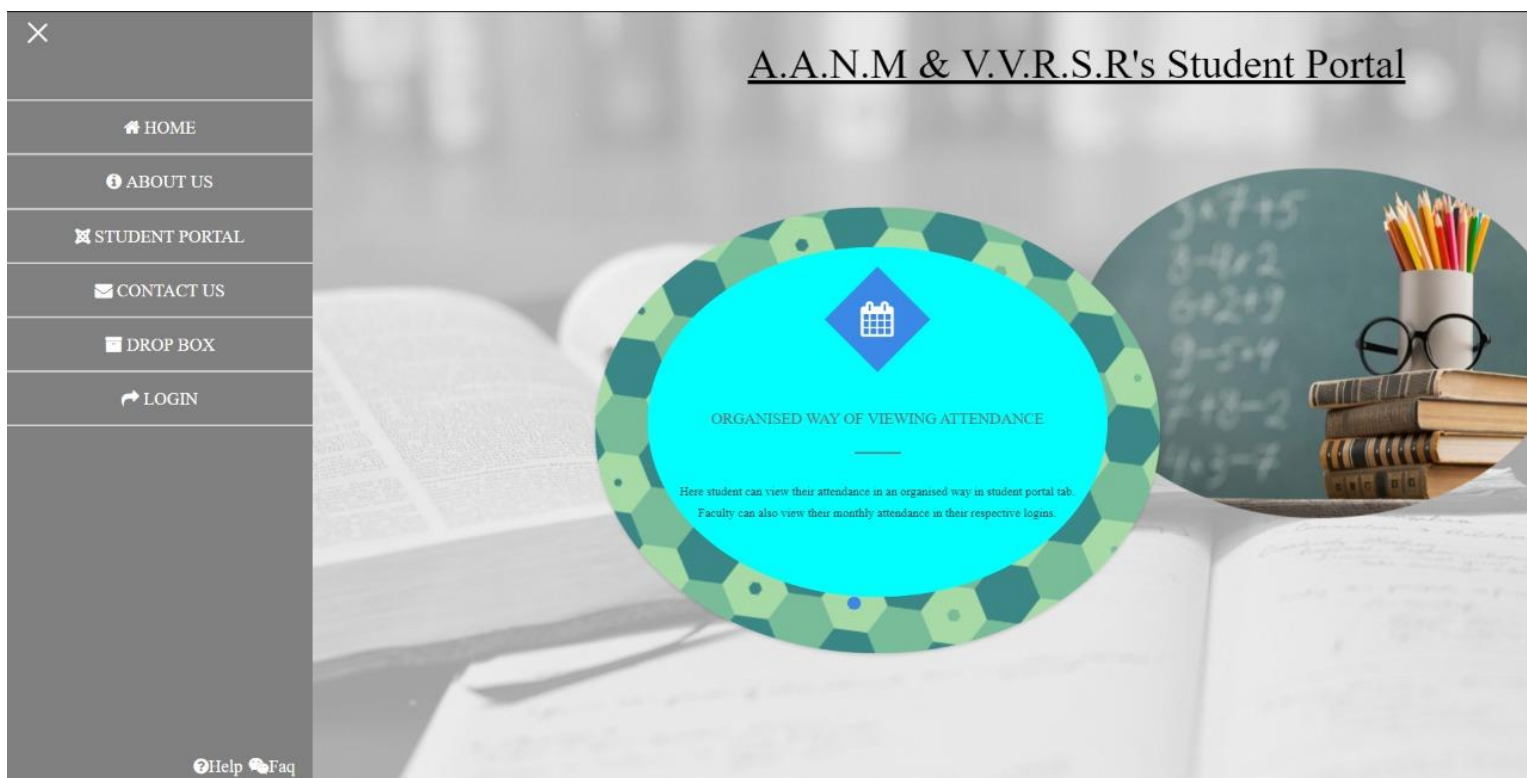
Faculty is the only one to enter student's marks and attendance. They will provide id of the student, based on that id, student can view marks (or) attendance.

Basic Structure of project:-

Home Page:-



This is the home page of the student portal project.



This page contains several tabs like

1.ABOUT US

2.STUDENT PORTAL

3.CONTACT US

4.DROP BOX

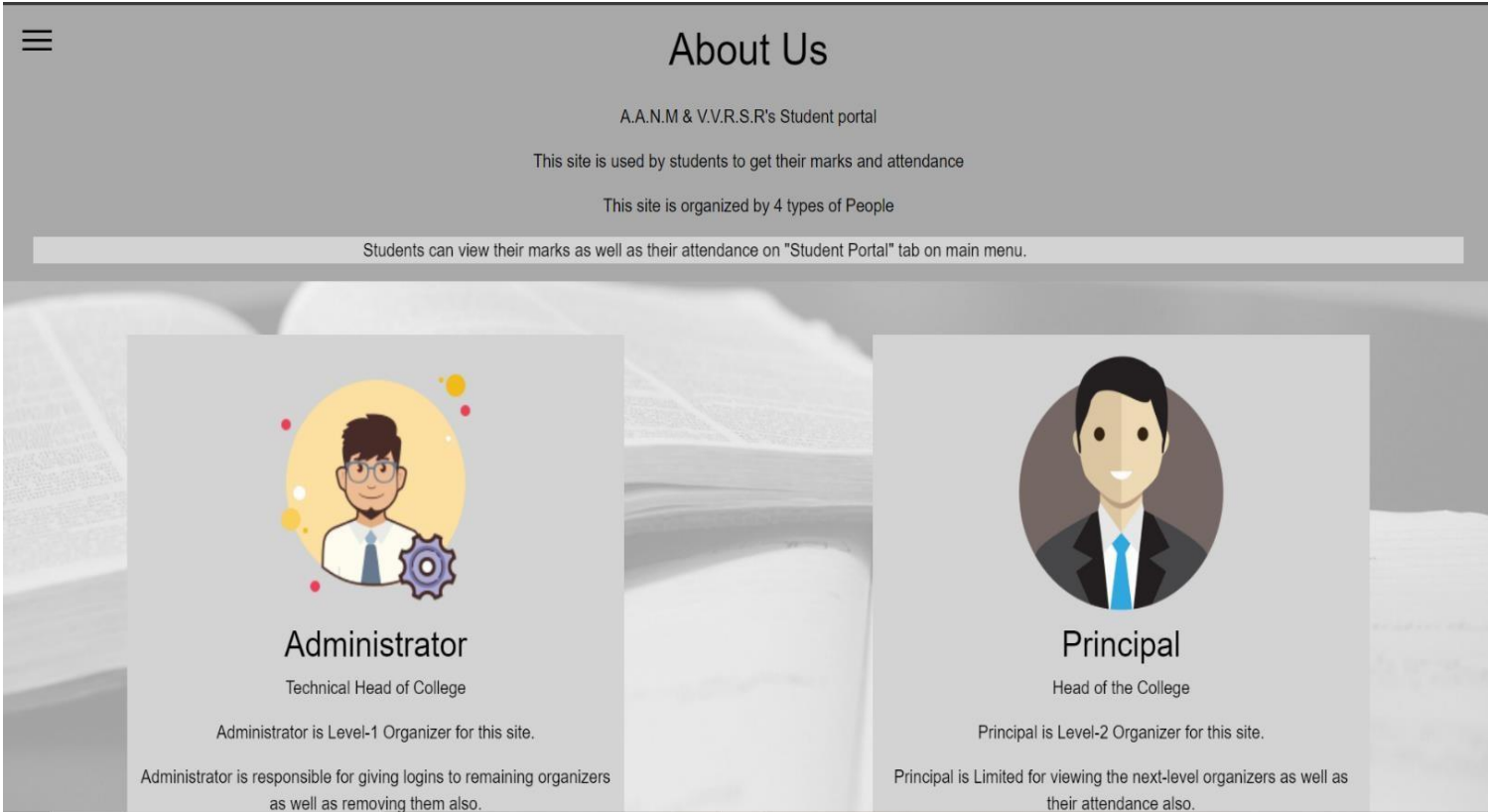
5.LOGIN

6.FAQ

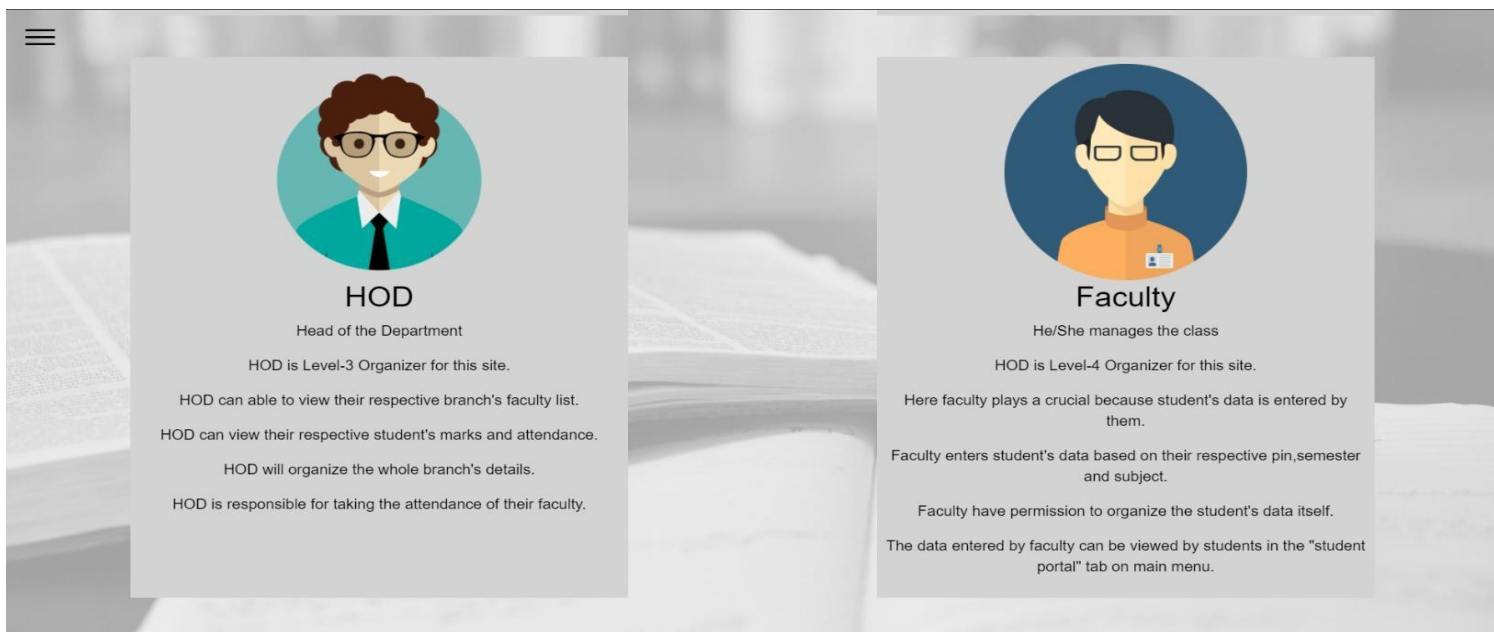
7.HELP

✚ ABOUT US :-

In this 'about us' page, we will view our project briefly .
(i.e:- Roles of the project such as admin,principal..etc)



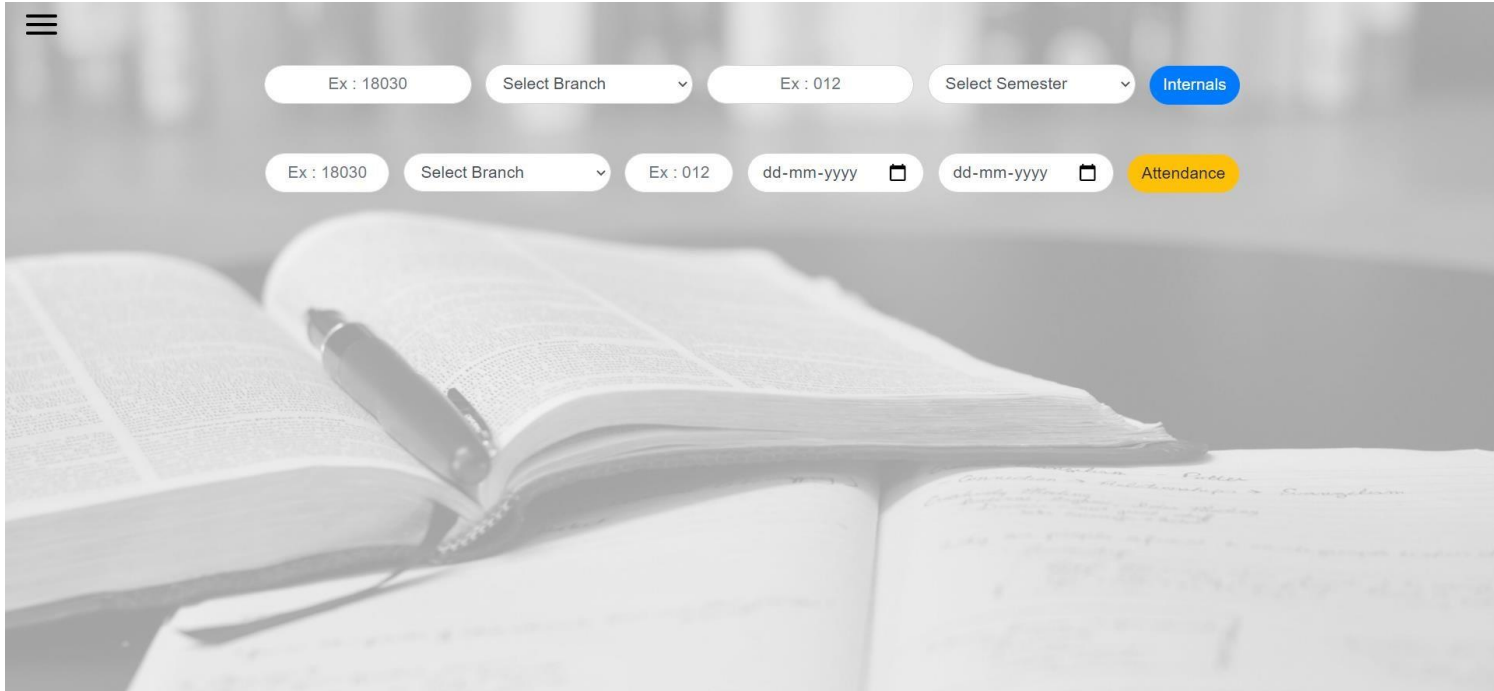
This page consists of complete details about the roles of the project.



✚ Student Portal:-

In this portal ,student can use their pin to get their internal marks of by select year.

Student can also view their attendance using their respective pin.



✚ Contact us:-

Keep In Touch

Address:

A.A.N.M & V.V.R.S.R Polytechnic, GUDLAVALLERU - 521356, Krishna Dist., A.P.

Phone : 08674 - 273366

Fax : 08674 - 273338

Email : poly.gv@gmail.com

Web : aann-vvrsrpolychnic.co.in

Bus - Route : Vijayawada - Gudivada - Gudlavalleru - Machilipatnam Eluru - Gudivada - Gudlavalleru - Machilipatnam

Railway line : Vijayawada/Bhimavaram - Gudivada - Gudlavalleru - Machilipatnam

Gudlavalleru

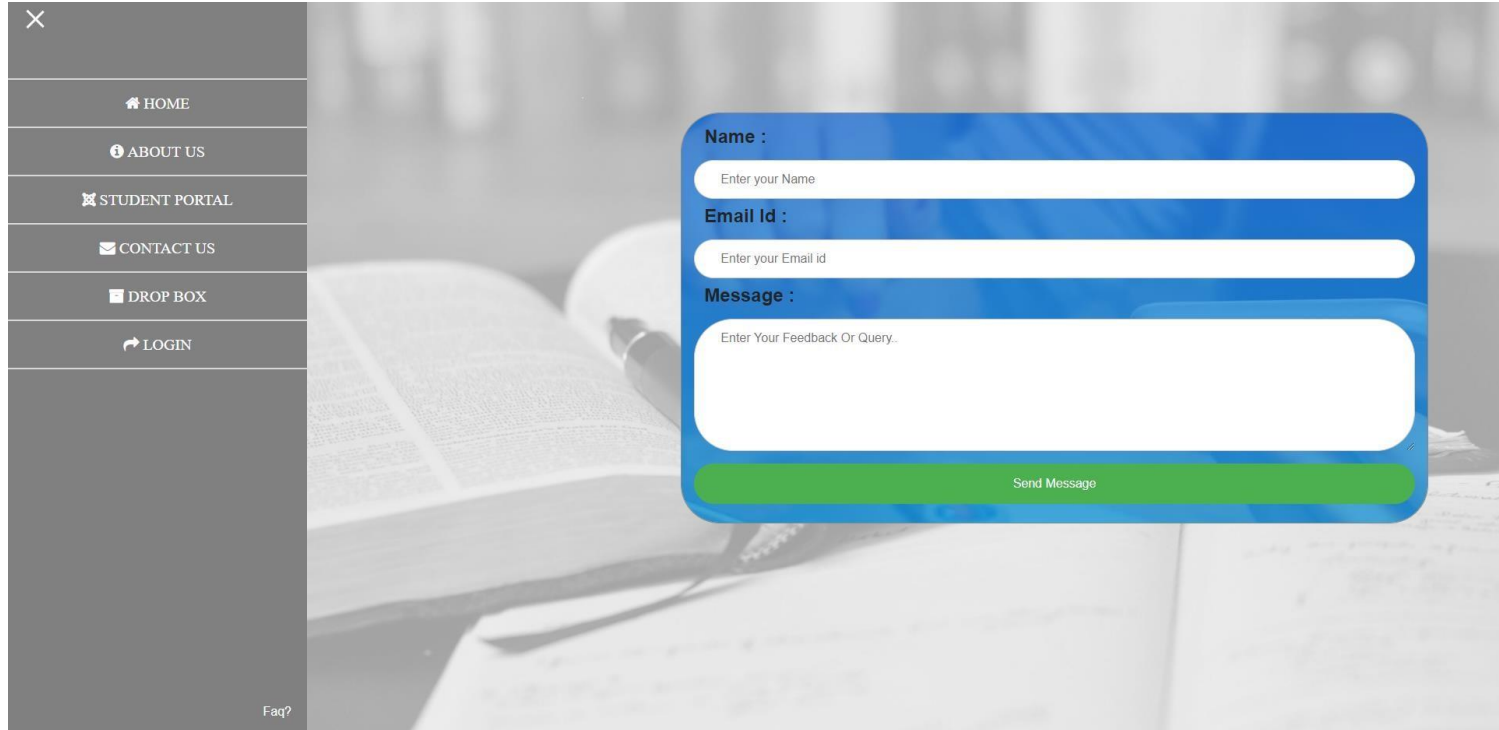
Andhra Pradesh 521356

View larger map

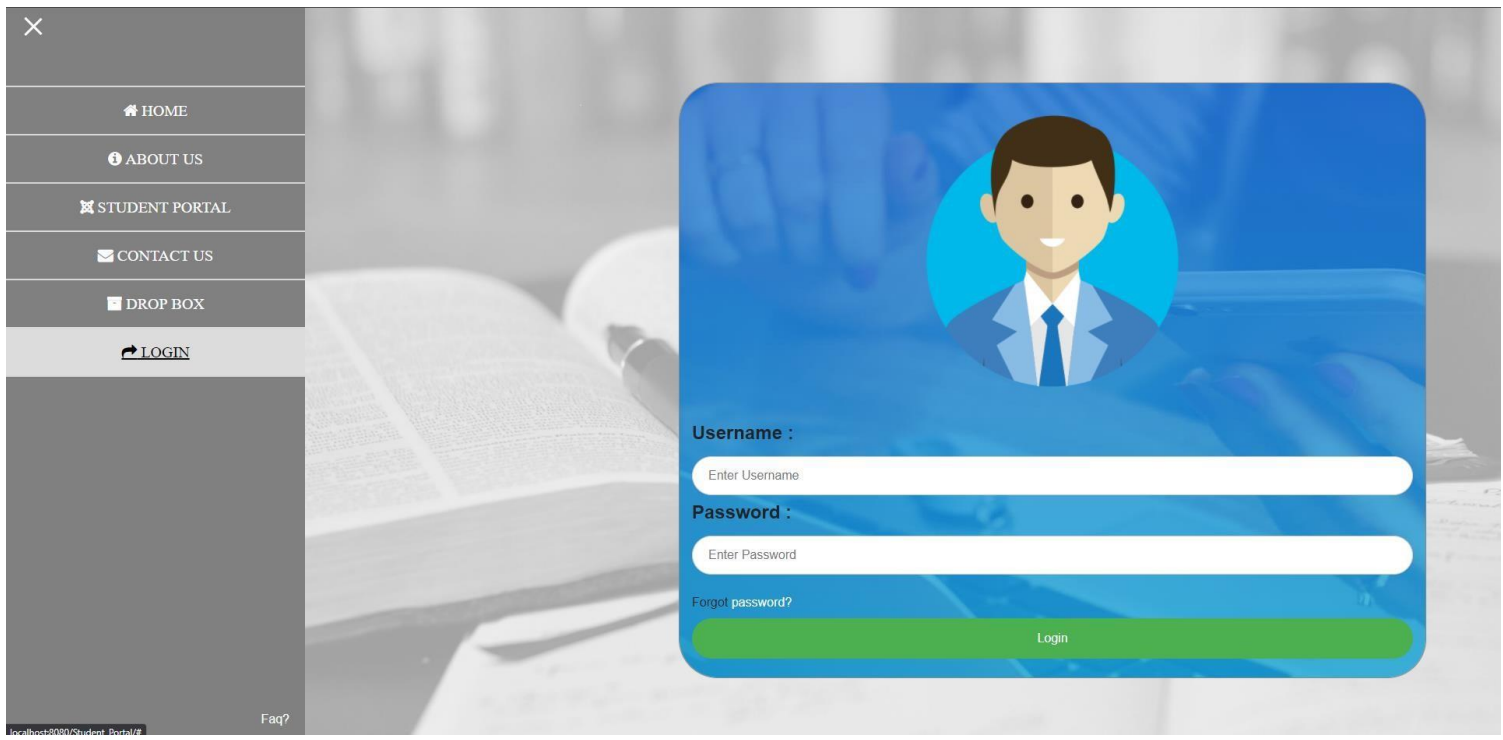
This page is used to provide total contact details about our college.

✚ DROP BOX:-

In this drop box we can ask any doubts about college or site. By entering name and email, we can also get reply from the administrator via mail.



✚ Login:-



In login page

○ We provide four types of logins

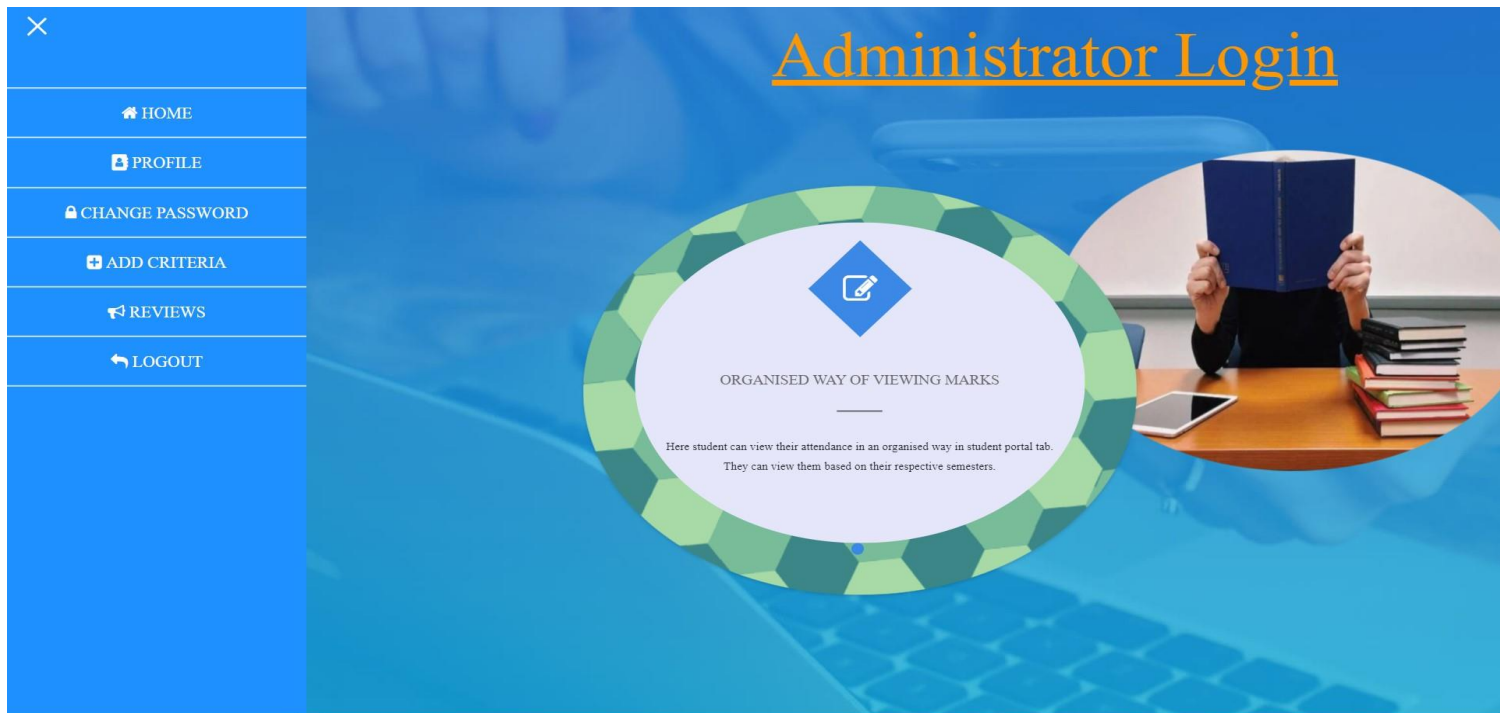
There were

- i. Administrator Login
- ii. Principal Login
- iii. Department Head Login
- iv. Faculty Login

Administrator Login:-



This is Administration Login. It contains some tabs like



1. Profile

2. Change password

3. Add criteria

4. Reviews

5. Logout

1. Profile:- The profile tab is used to display and allows to edit the details of the Administrator.

2. Change password:- Administrator can change his password in this tab.

3.Add criteria :- Administrator can add a person, branch, subject, qualification, semester, contact ,holidays and also frequently ask question

4.Reviews:- Administrator can view and give reply to the user's questions here.

6.Logout:- This tab is used to logout the user from the current session.

Principal Login:-



This is Principal Login. It contains some tabs like



1.Profile

2.Change password

3.Dash Board

4.Promote

5.Logout

1.Profile:- The profile tab is used to display and also allows to edit the details of the Principal.

2.Change password:- Principal can change his password in this tab.

3.Dash Board:- The Dash Board is used to display the organizers who are registered by the Admin and they are grouped by branch name. There is another optional function for the principal to check the details of the student like marks and Attendance by using inputs like branch, semester and subject.

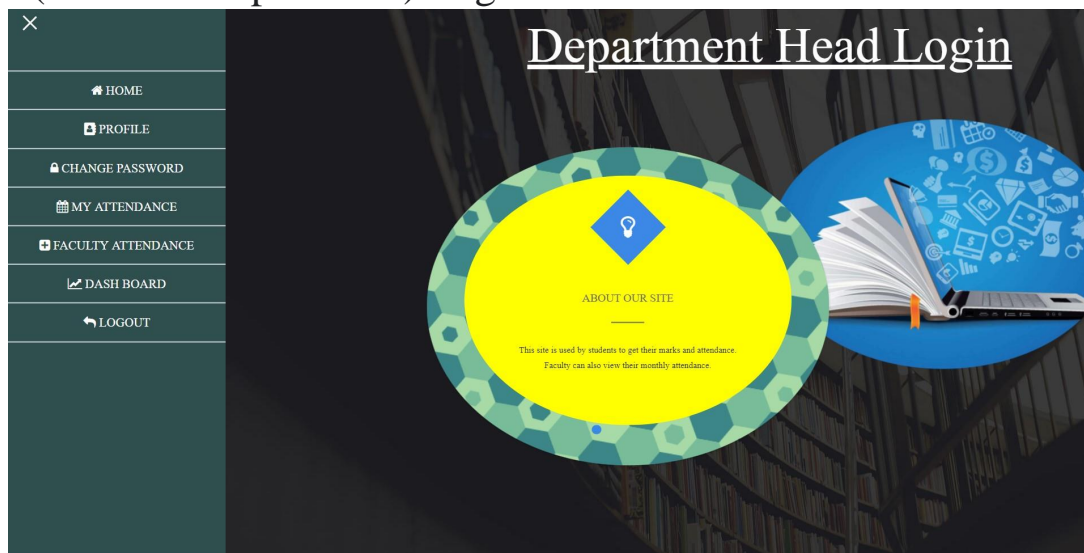
4.Promote:- The Promote tab is used to promote the students after completion of the year. If promote option is used the previous year's data will be hidden.

5.Logout:- This tab is used to logout the user from the current session.

Hod Login :-



This is HOD(Head Of Department) Login. It contains some tabs like



1.Profile

2.Change password

3.My attendance

4.Faculty Attendance

5.Dash Board

6.Logout

1. Profile:- The profile tab is used to display and allows to edit the details of the Hod.

2. Change password:- HOD can change his password in this tab.

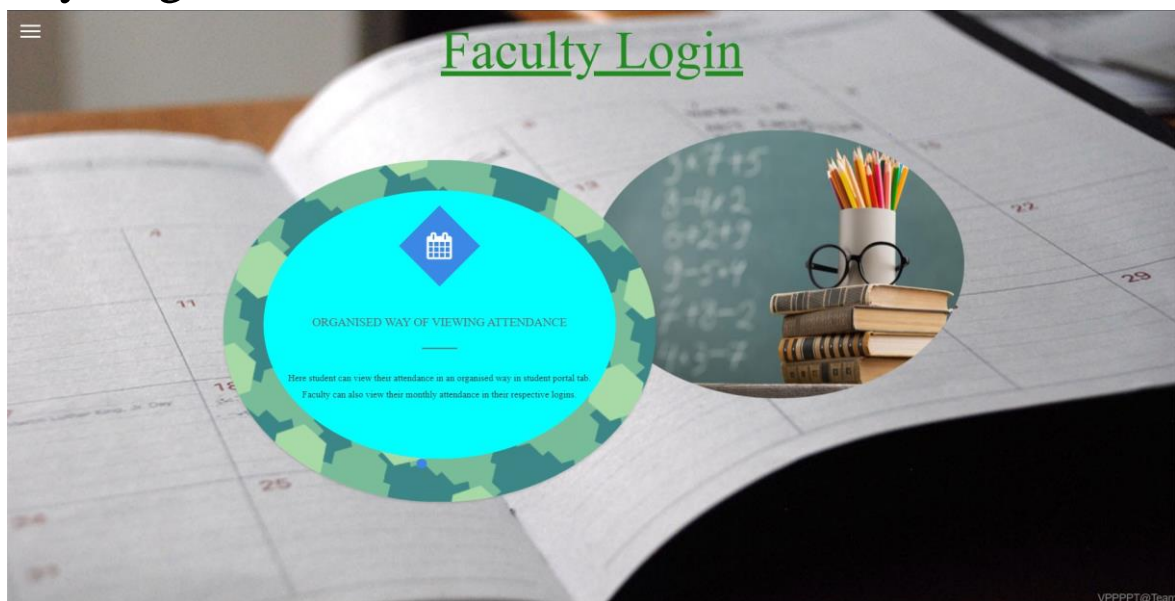
3. My attendance:- Hod can see his attendance, by click my attendance tab.

4.Faculty Attendance:- The Faculty Attendance tab is used to enter the attendance of the faculty with respective to their branch per month. The attendance of every faculty is displayed in their own login.

5.Dash Board:- The Dash Board is used to display the hod's branch faculty who are registered by the Admin . There is another optional function for the HOD to check the details of the student belonging to their branch like marks and attendance by using inputs like branch, semester and subject.

6.Logout:- This tab is used to logout the user from the current session.

Faculty Login:-



This is Faculty Login. It contains some tabs like



1. Profile
2. Change password
3. My attendance
4. Add Criteria
5. Logout

1. Profile:- The profile tab is used to display and allows to edit the details of the Faculty.
2. Change password:- Faculty can change his password in this tab.
3. My attendance:- faculty can see their attendance, by click my attendance tab.
5. Add Criteria:- faculty can add student are add marks and add attendance for a student
6. Logout:- This tab is used to logout the user from the current session.

FAQ ?:-

In this FAQ page commonly ask question like about the collage and studies.
Administrator can display the reply to the question in FAQ page

WORKING OF THE PROJECT:-

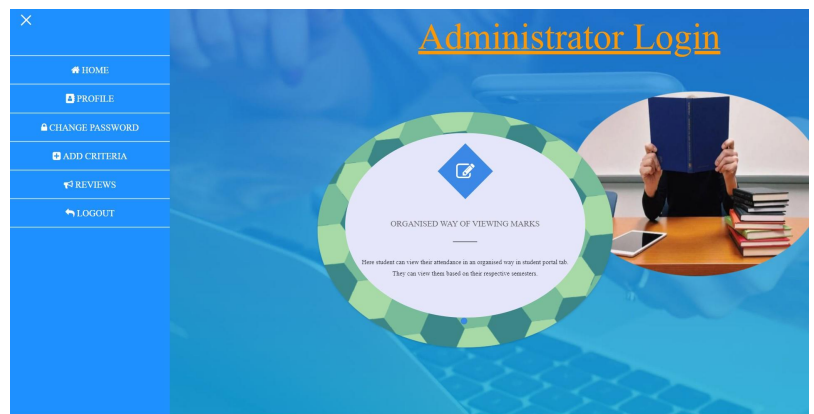
First administrator will login into web page and provide logins to all the organizers of the college.



In this administrator page

Admin can move into registration and provide login's to all the organizers such as principal , Hod and faculty.

Here, Admin have a facility to Change their Profile. While Changing Profile, Admin had to follow some validations.(ex: Email Pattern , Phone no,etc..)



My Profile

Username :
admin

Name :
ram

Gender :
☐ MALE ☒ FEMALE ☐ OTHERS

Role :
Admin

Email :
vidhey.bhogad2003@gmail.com

Mobile Number :
7386104404

Qualification :
▼

Experience :
1

Address :
near busstand, gudivada

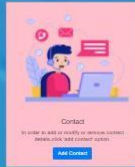
Save Details

Reset Details

Administrator have some function like add person ,course ,semester, qualification, Contact, holidays,FAQ.

In this page, Admin can add and modify the details person course ,semester, qualification, FAQ,contact,holidays.

In this Format, All Login details is stored in database. password are encrypted before saving



	username [PK] character	password character vary	branchcode character vary	name character vary	email character vary	mobileno character vary	id serial	role character vary	qualification character vary	status character vary	gender character vary	experience character vary	address character vary
1	admin	QWRtaW5AMDE		ram	vidhey.bhog	7396104404	247	Admin	btech	Active	male	1	near bustan
2	faculty	RmFjdWx0eUA	cm		faculty@gma		255	Faculty		Active			
3	hod	SG9kQDAwMDE	cm		hod@gmail.c		254	HOD		Active			
4	praveen	UHJhdmVlbkA	ec		savaram.pra		256	HOD		Active			
5	principal	UHJpbmNpOGF			principal@g		253	Principal		Active			
6	tinku	VGlua3UKMTM	ec	praveen	praveenkuma	9705650998	257	Faculty	mtech	Active	male	2	chartai
*													

In this table, all subjects are added.

	subject character varying	sem [PK] character varying	subjectid serial
1	101	1st	1
2	102	1st	2
3	103	1st	3
4	104	1st	4
5	105	1st	5
6	106	1st	6
7	107	1st	7

Branch details are stored in the following table:

	branchid serial	branchcode [PK] character varying
1	89	cm
*		

	qname [PK] character	qid serial
1	btech	5
2	mtech	4
*		

In this table, qualification details are stored.

Detail Name	Detail Value	Quick Actions
<input type="text"/>	<input type="text"/>	ADD
Phone	08674 – 273366	Modify Delete
Fax	08674 – 273338	Modify Delete
Email	poly.gvi@gmail.com	Modify Delete
Web	aanm-vvsrcpolytechnic.co.in	Modify Delete
Bus – Route	Vijayawada – Gudivada – Gudlavalleru – Ma	Modify Delete
Railway line	Vijayawada/Bhimavaram – Gudivada – Gudl	Modify Delete

Paste the link of your map. [Modify](#)

Administrator enter the contact details.

Click on add contact option

Administrator also change contact details and location also

Administrator enter the holidays. Based on holidays hod, give attendance faculty, Faculty give attendance to student.

Date	Reason	Quick Actions
dd-mm-yyyy		ADD
02-01-2021	Sunday	Modify Delete
11-01-2021	holiday	Modify Delete
12-01-2021	pongal	Modify Delete
13-01-2021	pongal	Modify Delete
14-01-2021	pongal	Modify Delete
15-01-2021	pongal	Modify Delete
16-01-2021	pongal	Modify Delete
17-01-2021	pongal	Modify Delete

If Administrator want to change his password, he can modify in this change password tab.

X

HOME
PROFILE
CHANGE PASSWORD
REGISTRATION
ADD SUBJECT
REVIEWS
LOGOUT

Password Updation Form

Old Password :

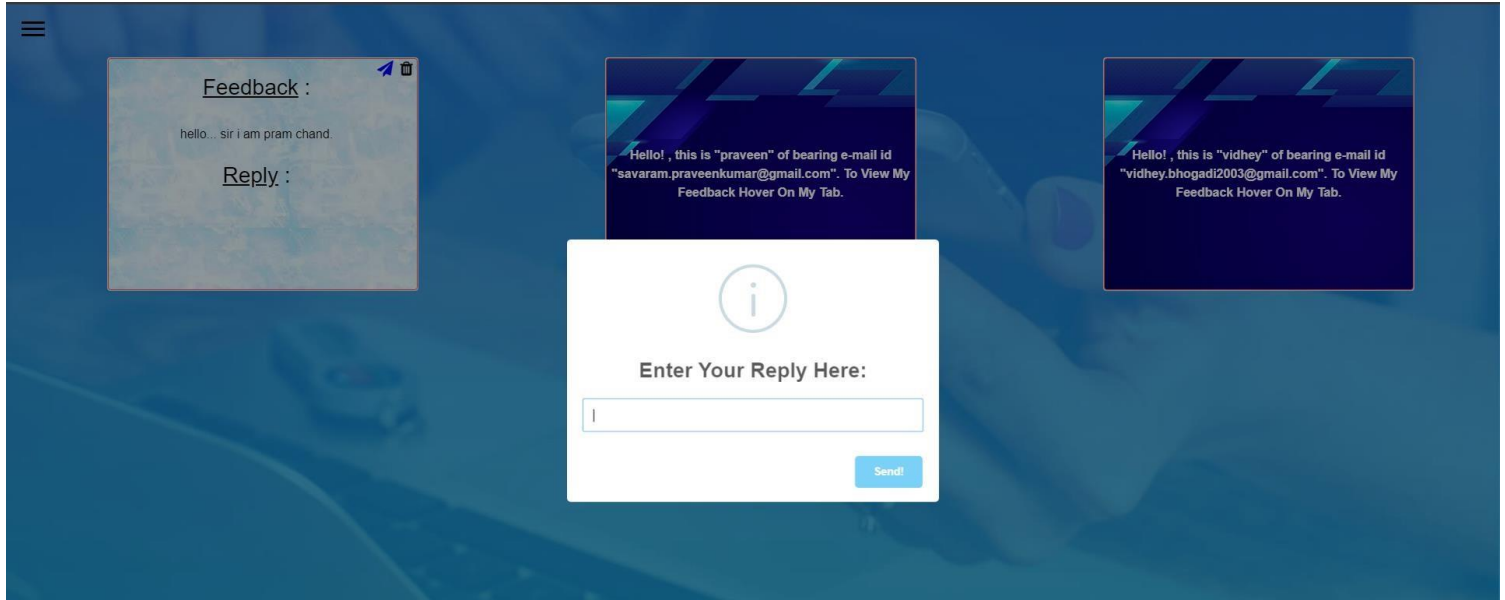
New Password :

Conform Password :

[Submit](#)

Administrator also have another responsibility that he will give reply to the people who posted questions in Drop Box tab.

The reply of the admin is sent to the user's given mail.



The user feedback is stored in database in the following table structure:

	name character varying	email character varying	feedback character varying	status character varying	reply character varying

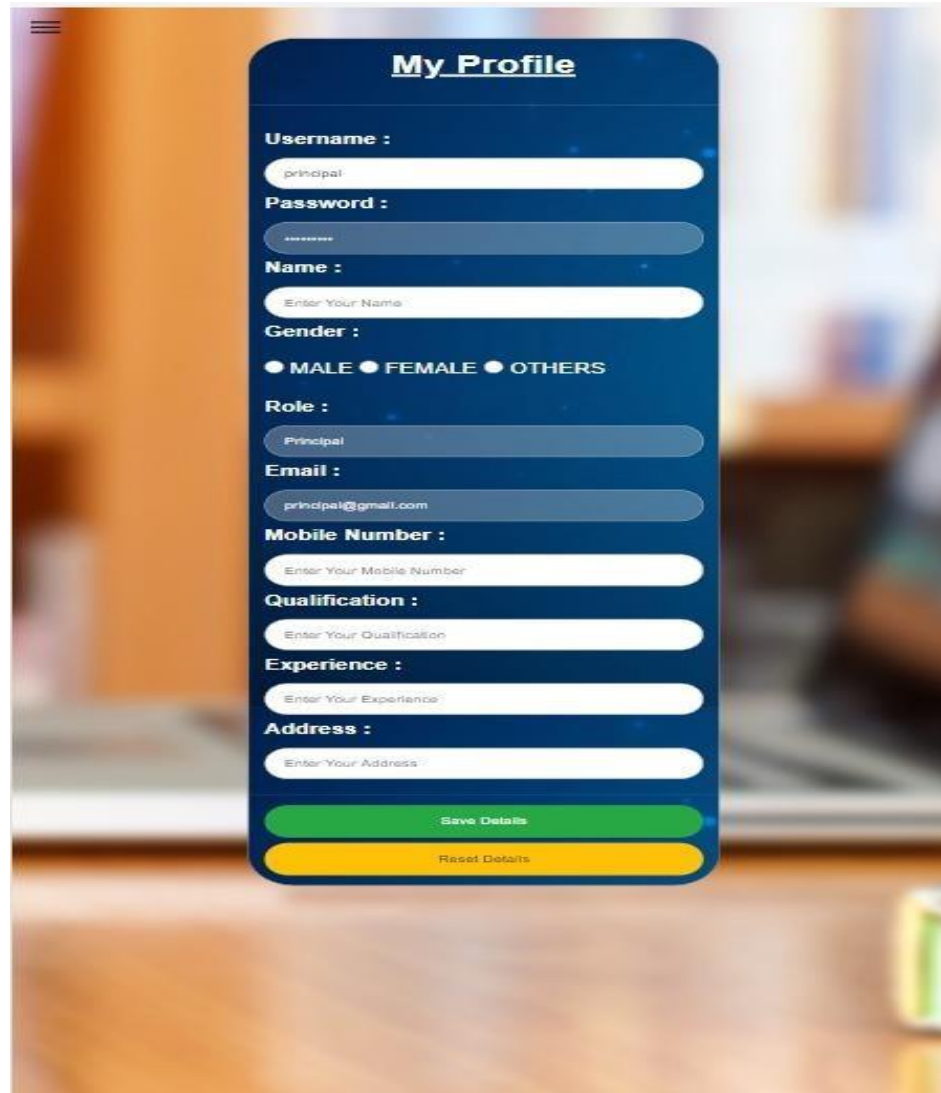
Now let us see principal login and what work does principal do.

This is principal login page

Their login and password are same as that are given by admin .



Principal can change his/her details on My profile option.

A mobile application interface for a 'My Profile' form. The form is displayed on a dark blue background with white text and input fields. It includes fields for Username, Password, Name, Gender (with radio buttons for MALE, FEMALE, and OTHERS), Role (with a dropdown menu), Email, Mobile Number, Qualification, Experience, and Address. At the bottom, there are two buttons: 'Save Details' in green and 'Reset Defaults' in yellow.

My Profile

Username :
principal

Password :
password

Name :
Enter Your Name

Gender :
☐ MALE ☐ FEMALE ☐ OTHERS

Role :
Principal

Email :
principal@gmail.com

Mobile Number :
Enter Your Mobile Number

Qualification :
Enter Your Qualification

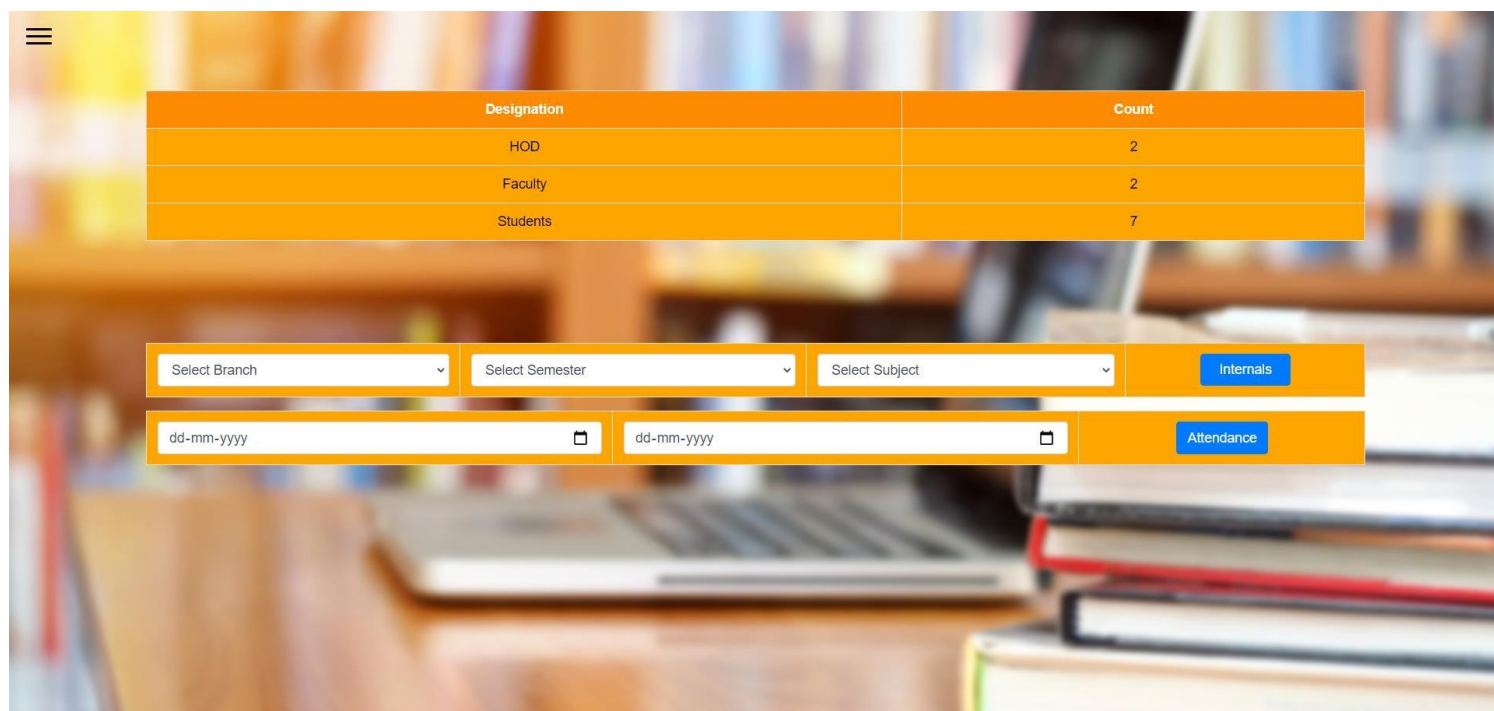
Experience :
Enter Your Experience

Address :
Enter Your Address

Save Details

Reset Defaults

In principal dashboard we can see the all the Hods ,faculty and students in the college. And we can see all the student marks and attendance based on branch and semester.

A mobile application interface for a principal dashboard. It features a table with two columns: 'Designation' and 'Count'. Below the table, there are two rows of filters. The first row has three dropdown menus: 'Select Branch', 'Select Semester', and 'Select Subject', followed by a blue button labeled 'Internals'. The second row has two date pickers (labeled 'dd-mm-yyyy') and a blue button labeled 'Attendance'.

Designation	Count
HOD	2
Faculty	2
Students	7

Select Branch Select Semester Select Subject Internals

dd-mm-yyyy dd-mm-yyyy Attendance

Based on count we know the number of Hod and faculty are in the collage

Principal can also view the student marks by selecting branch and semester and subject and attendance of the student

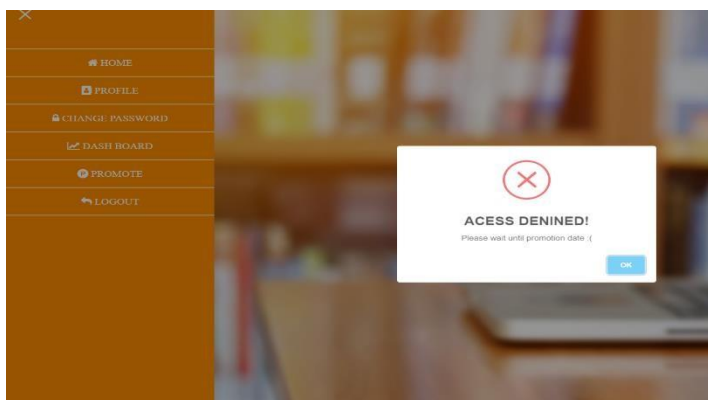
Marks

Student id	Semester	Subject	Mid 1	Mid 2	Mid 3
18030-ec-003	1	101	20	19	15
19030-ec-001	1	101	20	20	20

Attendance

Student id	Date	Attendance
19030-ec-001	2020-12-31	Present
19030-ec-001	2021-01-05	Present

Principal can also change his password in change password tab.



Principal have another important work, that is to promote the college to next year.

If he click ok then the previous year's data are hidden that mean values stored in database but not visible in the site.

Principal can promote the student for every 6 month are more only, he can not promote the student before completed the 6 month

	edate date	
1	2021-01-07	

Next let us login into Hod page based on id and password.



Hod can also change his/her profile details on My profile option .

Hod can view attendance in the month

. Hod can give attendance to faculty by entering faculty details

The screenshot shows a web interface for Faculty Attendance. At the top, there are two date pickers labeled 'dd-mm-yyyy' and a 'Get Attendance' button. Below this is a table with three columns: 'Faculty id', 'Date', and 'Attendance'. The table is currently empty.

The Faculty attendance is stored in database in the following table structure:

	facultyid [PK] character varying	branchcode character varying	facultyattendanceid serial	month [PK] character varying	workingdays integer	attendeddays character varying
*						

Hod can view all faculty and students details by the count option

Hod can also view all the student marks and attendance based on their branch .

The screenshot shows a web interface for Faculty Attendance. At the top, there is a table with two columns: 'Designation' and 'Count'. The table has two rows: 'Faculty' with a count of 3, and 'Students' with a count of 4. Below the table, there are two rows of filters. The first row has a dropdown for 'CM', a dropdown for 'Select Semester', a dropdown for 'Select Subject', and a button labeled 'Internals'. The second row has two date pickers labeled 'dd-mm-yyyy' and a button labeled 'Attendance'.

Hod can also change his password by clicking on change password tab.

Hod can not modify other branch faculty attendance. He can modify his branch faculty Attendance.

Hod can communicate with administrator, if he want any change. (like adding faculty or subjects etc..,)



Password Updation Form

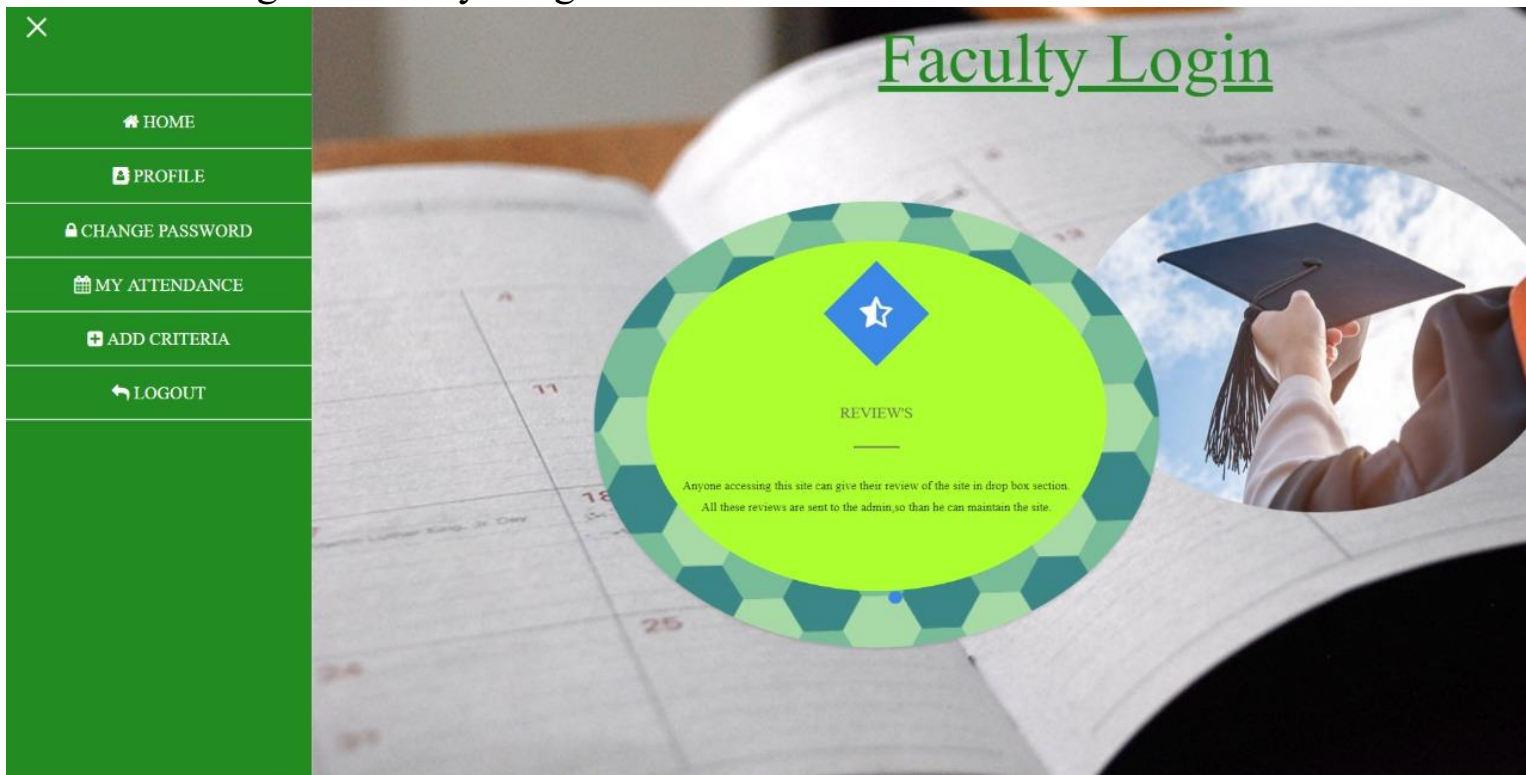
Old Password :

New Password :

Conform Password :

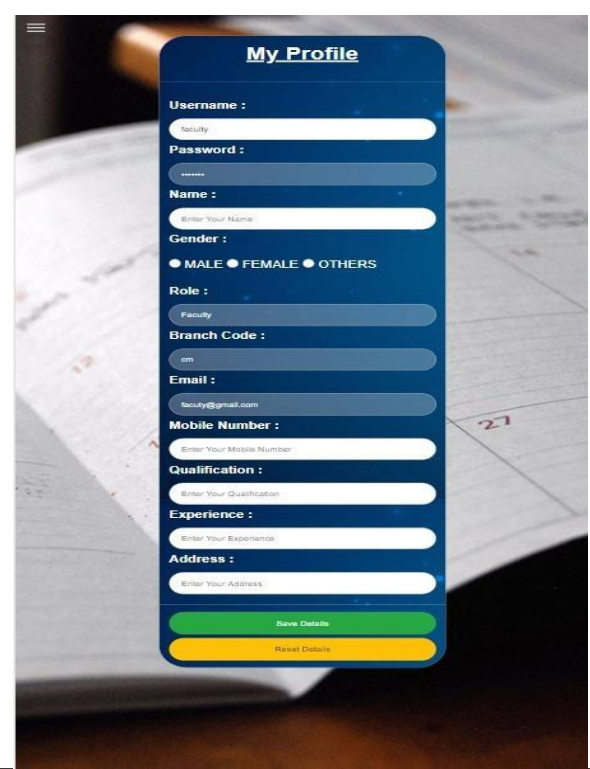
Submit

And the last login is faculty's login

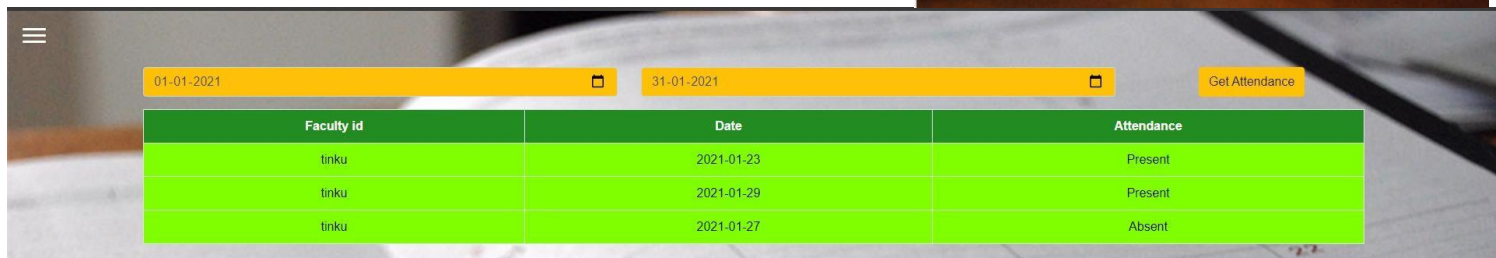


It is important login because only faculty can enter marks and attendance of the student.

Faculty can also change their details in profile option.



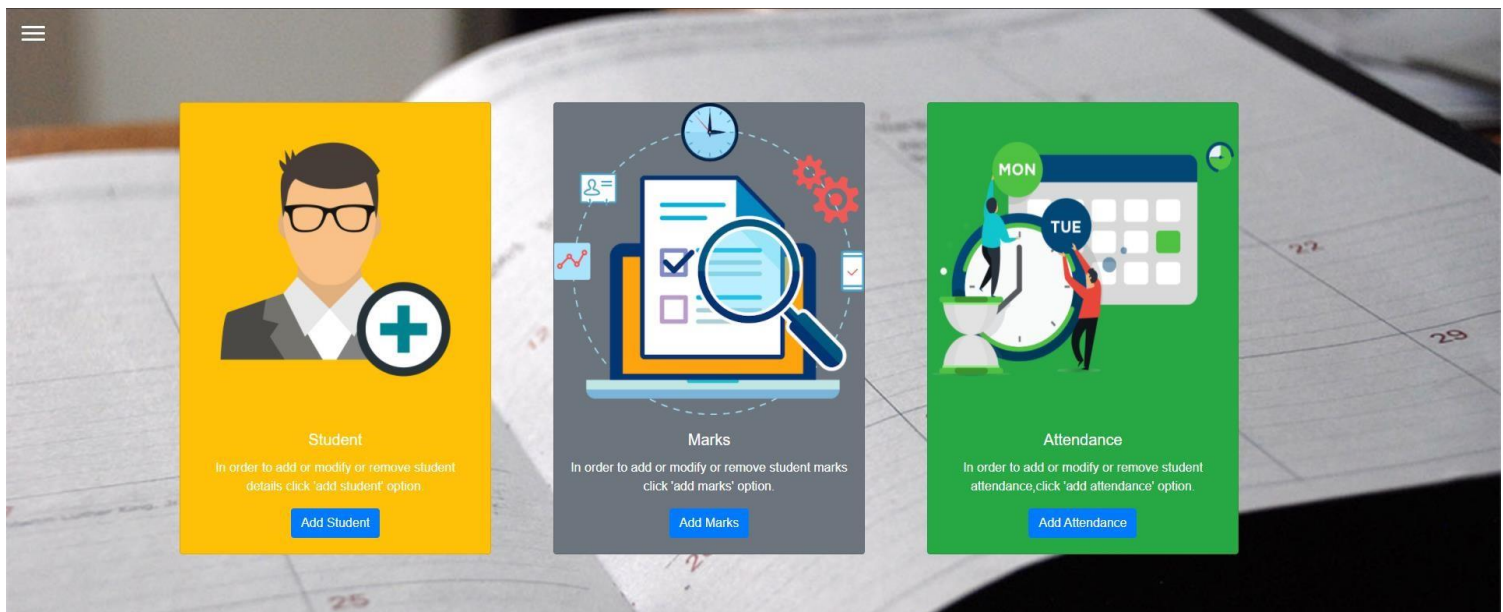
And can see their attendance by clicking on my attendance option.



Faculty id	Date	Attendance
tinku	2021-01-23	Present
tinku	2021-01-29	Present
tinku	2021-01-27	Absent

faculty can change his password by clicking on change password option.

Faculty have add criteria opinion by using on that faculty can add student and add marks and attendance form the students



Faculty create student id, enter marks and attendance. Student can use that id to see their marks are attendance.

Faculty can add student based on year, they give name, email and mobile number of the student

Select Pin			Name	Year	Email	Mobile	Quick Actions
<input type="text"/>	<input type="text" value="ec"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="3"/>	<input type="text"/>	<input type="text"/>	<button>Add</button>
18030	ec	052	pramchand	3	abc@gmail.com	9806753710	<button>Modify</button> <button>Delete</button>
18030	ec	137	prabhas	3	pradhas@gmail.com	9876543210	<button>Modify</button> <button>Delete</button>
19030	ec	001	aabbcc	2	aabbcc@gmail.com	9949713956	<button>Modify</button> <button>Delete</button>
19030	ec	002	bbccdd	2	bbccdd@gmail.com	7013625372	<button>Modify</button> <button>Delete</button>
19030	ec	003	laxman	2	laxman@gmail.com	9876503421	<button>Modify</button> <button>Delete</button>

In this format student details can be stored in database

	stu_pin1 [PK] character	stu_pin2 [PK] character	stu_pin3 [PK] character	year character vary	email character vary	name character vary	mobileno character vary	status character vary	studentid serial
1	18030	ec	052	3	abc@gmail.c	pramchand	9806753710	Active	9
2	18030	ec	137	3	pradhas@gma	prabhas	9876543210	Active	7
3	19030	ec	001	2	aabbcc@gmai	aabbcc	9949713956	Active	10
4	19030	ec	002	2	bbccdd@gmai	bbccdd	7013625372	Active	11
5	19030	ec	003	2	laxman@gmai	laxman	9876503421	Active	8
*									

Faculty select student id and give marks to the student

Student id		Semester	Subject	Mid 1	Mid 2	Mid 3	Quick Actions
<input type="text"/>	<input type="text" value="ec"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<button>Add</button>
180	ec	0	1	101	20	19	<button>Modify</button> <button>Delete</button>
180	ec	0	3	302	20	19	<button>Modify</button> <button>Delete</button>
190	ec	0	1	101	20	20	<button>Modify</button> <button>Delete</button>

In this format student marks can be stored in database

	stu_pin1 [PK] character	stu_pin2 [PK] character	stu_pin3 [PK] character	facultyid character vary	studentmarks serial	sem [PK] character	subject [PK] character	mid1 integer	mid2 integer	mid3 integer	status character vary
1	18030	ec	003	257	39	1	101	20	19	15	Active
2	18030	ec	052	257	40	3	302	20	20	19	Active
3	19030	ec	001	257	41	1	101	20	20	20	Active
*											

Faculty select student id and give attendance to the student

In format student attendance stored in database

	stu_pin1 [PK] character	stu_pin2 [PK] character	stu_pin3 [PK] character	facultyid character vary	studentattendance serial	date [PK] date	attendance character vary
1	18030	ec	052	257	55	2021-01-04	Present
2	18030	ec	052	257	56	2021-01-20	Present
3	18030	ec	137	257	53	2021-01-05	Absent
4	18030	ec	137	257	52	2021-01-06	Present
5	18030	ec	137	257	51	2021-01-07	Present
6	18030	ec	137	257	54	2021-01-08	Absent
7	19030	ec	001	257	59	2020-12-29	Present
8	19030	ec	001	257	60	2020-12-31	Present
9	19030	ec	001	257	57	2021-01-05	Present
*							

Student id		Date	Attendance	Quick Actions
<input type="text"/>	ec <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="button" value="ADD"/>
dd-mm-yyyy <input type="text"/>		Get Attendance		

Faculty can not assign same id for two students.

Faculty enter attendance every day .

Faculty only modify their branch student details only .

FAQ :- (Frequently Ask Question)

ANSWER :

you can see student marks on student portal tab on main menu.

QUESTION :

How to see student attendance ?
(hover to see the answer)

QUESTION :

How to add student marks ?
(hover to see the answer)

QUESTION :

How to add student attendance ?
(hover to see the answer)

QUESTION :

How this website is useful ?
(hover to see the answer)

Administrator can send the reply to there mail

×

HOME

ABOUT US

STUDENT PORTAL

CONTACT US

DROP BOX

LOGIN

Help Faq

A.A.N.M & V.V.R.S.R's Student Portal

COMMUNICATION VIA MAIL

Once a person sent his query to the admin via dropbox section, the admin can give the reply to that person via mail.


In this page we display user ask frequently question and answer of the question. So, administrator not give reply to common question, In this table FAQ data store.

	question [PK] character varying	answer [PK] character varying	faqid integer	status character vai	
1	How this website is useful ?	This website is used to in	18	Active	
2	How to add student attendance ?	It is done by faculty. Out	17	Active	
3	How to add student marks ?	It is done by faculty. Out	16	Active	
4	How to see student attendance ?	you can see student attend	15	Active	
5	How to see student marks ?	you can see student marks	14	Active	
*					

HELP :-

In this help option we show who are create the project.

PROJECT DOCUMENTATION



Project Name:-
A.A.N.M & V.V.R.S.R's STUDENT PORTAL

Developed by:-

○ Bhogadi Vidhey	(18030-CM012)
○ Gangolu prasanna kumar	(18030-CM-037)
○ Gangisetty praveen	(18030-CM-040)
○ Immadisetty premchand	(18030-CM-052)
○ Kottamasu tarun chandu	(18030-CM-082)
○ Savaram praveen kumar	(18030-CM-137)

The following message sent to the member who is registered by the administrator via mail.

You Are Successfully Registered In Student Portal Website..!



noreply .StudentPortal <noreply.studentportal@gmail.com>
02:31 PM



To: vidhey.bhogadi2003@gmail.com



Dear Sir/Madam,

You are Registered as Faculty in the "Student Portal" website.
Contact your college's Technical Incharge for further Information.
Your registration details are as follows...

Username : faculty2

Password : faculty2

Thanks & Regards,
Student Portal Team

The following message send to student form faculty for provided id to student. based on id student view marks and attendance. That id continues 3 years

Dear Student ,

YOU ARE SUCCESSFULLY REGISTERED IN STUDENT PORTAL WEBSITE...!

Your Registration Details are as follows :

NAME : Prem

PIN : 18030-CM-006

EMAIL : p@gmail.com

MOBILE NUMBER : 8008179196

(For further details contact your college administrator and also check your email)

Thanks and Regards ,
Student Portal Team.

2:31 pm ✓✓

Summary:-

- This project shows internal marks of the student based on pin, and also shows attendance of the student.
- In this project we provide login for Admin, Principal, Hod, Faculty.
- Administrator plays a vital role in this site that is he will provide login to all organizers and maintain the site.
- Principal will promote the students to next year and also view the student details.

- Hod will give attendance to the faculty, and view the marks of the students based on their particular branch.
- Faculty will enter student details like marks and attendance. They provide id to the student, based on that id student can view marks (or) attendance.
- We hope this project was understood to you and will help you to decrease the effort in storing and viewing attendance and marks of the student as compared to manual records...

Thanks & regards from
Student portal team

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