

## **Admin Login**

1. Home Page of admin
  - a. Broadcast a message to (There should be a notification panel where these broadcasts are visible to all the registered users)
    - i. Specific just to Faculty members
    - ii. To everyone (This )
  - b. No. of Students in the department tab
  - c. No. of Faculties tab
    - i. It should contain all the information about the faculty including their information with an image, classes assigned, or subjects assigned, time table of the faculty.
  - d. Students fine section
    - i. Here a small section will display the number of students that are fined.
    - ii. After clicking on it, it should display all the students that are fined and clicking on their profile will display the student's information.
2. Courses Tab
  - a. All the courses that are available in the college should be displayed here.
  - b. An option to add a new course should be there. Eg. If an MBA department is in progress to get into the college, this option will facilitate adding the MBA course to the college courses list.
  - c. Generating sequential Roll Numbers for the Department (With a starting roll no.)
3. Students tab
  - a. List of all the students in the department with their respective subjects and all the information.
  - b. Add new students to the department, with some of his details with photos.
  - c. Also the admin will be able to search and make changes in the students profile.
4. Student's Management
  - a. In this section we will be able to see the subjects according to the course of the semester as input. (Eg. If course input = S.E (I.T) =>Sem 4, then it will show subjects for the same and their syllabus, then elective or optional subjects.)
  - b. Add a subject with a course ID then marks.
  - c. Can upload the syllabus copy and can download it.
5. Faculties Tab
  - a. All the available faculties (in photo view and table view)
  - b. Add a new teacher option with photo, contact details, Qualifications, Experience.
6. Time-Table
  - a. Can make a time-table with the course and semester as the inputs.
  - b. Define/Modify period
    - i. Select period
    - ii. Select days
    - iii. Select subjects
    - iv. Subjects not marked will be free period

7. Leave management.

- a. In this tab all the leaves that are requested by the faculties will be seen here.
- b. It will display the name of the faculty, type of leave (Casual leave, Sick leave, Emergency leave), requested date, Status(Accepted, rejected or under consideration), Action button to approve or reject the leave request.

8. Users

- a. These are the users who have registered themselves on the page and are active.
- b. Can make changes to status, like if the status of a user is set to deactivate he won't be able to access or login to the portal.

9. Students Fine Tab

- a. Roll no => Search Student => Details will be shown like
  - i. Reason for fine
  - ii. And Fine amount
- b. All fines button => All students who have paid fine and the students who haven't.

10. Assign Faculty

- a. If we want to assign faculties to some specific subject.
- b. By taking inputs like course T.E(I.T), semester and subject => click on fetch faculties => it will display faculties assigned to the subject.
  - i. If no faculty is assigned to the subject, then all the faculties who can teach that subject will be shown and after selecting a faculty for the subject, he will be assigned.
  - ii. If faculty is already assigned to the subject there will be an option to change the faculty for that subject.
- c. Assigning a faculty as a class teacher to a specific class.

11. Mark Attendance

- a. Select date => Select Faculty => Mark attendance

12. Attendance report

- a. Subject wise attendance
  - i. Get the report of attendance of students for a subject of some semester of some course.
  - ii. Display all students with roll no, subject, total attendance and percentage. (If less attendance, it should be highlighted in red color)
- b. Class wise attendance
  - i. Select course => semester
    - 1. Display all the students with roll no, class(Eg. 12th), Total attendance, and percentage of attendance.
- c. Student wise attendance
  - i. Search for students with roll no, and will display students details and his attendance in all subjects.

13. Search for a student tab.

- a. Can search for students with the Name, or last\_name or Roll no.
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## **Students Login**

1. Credentials
  - a. Student's Roll number id is the username and DOB is the password to login for the first time.
  - b. When a Student login 1st time with the above credentials, he will be prompted to change password and relogin.
2. Dashboard
  - a. Notification section (All the broadcasted messages from the admin or faculty will be shown here.)
  - b. Fees due or not.
  - c. College fine.
  - d. Current month attendance.
3. My Subjects Tab
  - a. Will display all the subjects assigned to the student, subject code, Name of the subject, Type(Optional or Elective), Download syllabus button, Attendance.
4. My Faculty
  - a. Display all the subjects assigned to the student for the subjects.
  - b. After clicking on the faculty name of the photo, it will display the information about the faculty.
  - c. Also display the class teacher.
5. Time Table
  - a. It will display the time-table of the student.
6. Leave Management
  - a. If the student wants a leave, he can create a request for the leave in this section.
  - b. He has to upload the written leave application, and apply for it.
  - c. He will be able to see the status of the application if it is approved or not.
7. Fine Section
  - a. If the student is fined due to some reason it will be shown here.
    - i. Reason for the fine
    - ii. Fine Amount

- iii. Date fined
    - iv. Pay status
  - 8. Assignments section
    - a. Will display if he is being assigned with some work by the respective subject faculty.
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## **Faculty Login**

1. Credentials
  - a. Username - "teacher\_"teacher\_id""
  - b. Password - DOB
  - c. Prompted to change the password after 1st login.
2. Dashboard
  - a. Notifications panel where all the broadcasted messages will be shown.
  - b. Faculty can broadcast a message to
    - i. Faculties
    - ii. Everyone
3. My Subjects
  - a. The subjects assigned to the faculty and can download the syllabus copy for the same subject.
4. Internal Marks.
  - a. Can give marks to the students here.
  - b. Course => semester => subject => select student and give marks.
5. Attendance
  - a. Can mark the students attendance
    - i. Date => Course => Sem => Subject => Mark the students status
  - b. Can mark only his subjects' attendance.
6. Assignments
  - a. Can assign students with the assignment and it will be seen to the students.
7. **Leave Management**
  - a. **For Requesting the leave.**
    - i. **Faculty can request for a leave same as the student, and this leave will be approved or rejected by the admin.**
  - b. **For accepting or rejecting the leaves of the students**
    - i. **The leave applications made by the students will be in the hands of the faculty particularly the class teacher of the class.**
    - ii. **He can change the status of the leave application of the student to approved or rejected.**