



# INTERNATIONAL JOURNAL OF ADVANCE RESEARCH, IDEAS AND INNOVATIONS IN TECHNOLOGY

ISSN: 2454-132X

Impact factor: 6.078

(Volume 6, Issue 1)

Available online at: [www.ijariit.com](http://www.ijariit.com)

## College Portal

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### ABSTRACT

*Due to lack of proper medium for students and management to interact and there is a chance that students can miss any critical notification from management such as student's fee alert or any announcement regarding events organized in college. This application does all automated work regarding maintaining and disseminating all information, which is extremely useful in colleges. The creation and management of accurate & update information regarding a student are critically important in college. The administrator and student are two primary functional requirements in the given system. Proper login with time & role-based secure access is provided to admin, faculty & students.*

**Keywords**— College Portal, Virtual College, Portal, Web Application

### 1. INTRODUCTION

The college portal provides a simple interface for the maintenance of student information. It can be used by educational institutes or colleges to maintain the records of students easily. The creation and management of accurate, up-to-date information regarding a students' academic career are critically important in the university as well as colleges. The student information system deals with all kinds of student details, academic-related reports, college details, course details, curriculum, and other resource-related details too. It tracks all the features of a student from the day one to the end of the course which can be used for all reporting purpose, monitoring of attendance, progress in the class, completed semesters, years, coming semester year curriculum details and all these will be available through a secure, online interface embedded in the college's website. It will also have faculty details, batch execution details, students' details in all aspects, the various academic notifications to the staff and students updated by the college administration. It also facilitates us to explore all the activities happening in the college. Different reports and Queries can be generated based on vast options related to students, batch, course, faculty, exams, and even for the entire college. The steps followed in developing include (a) Design of

the system architecture; (b) Database design; (c) High-level design of the project code; (d) User interface design; (e) Connecting the user interface with the database. The college portal system is identified as an appropriate method for managing information in college. College portal is based on real-life situations, taking into consideration all possible conditions and functionalities of the daily work in the college. The application runs among four different modules that share the same database. The modules include:

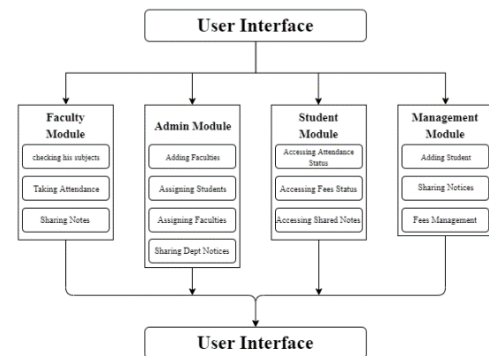


Fig. 1: System Architecture

#### 1.1 Faculty Module

This module handles all the functions which are performed by the user(faculty). the functionalities include checking subjects assigned to the user by admin, taking attendance on a daily basis of assigned subjects and sharing notes or assigning work to the students.

#### 1.2 Admin Module

This module provides all the authority to the admin, which includes adding faculties, assigning students to faculties, assigning faculties to subject, sharing department notes, and publishing a notice to the target group of students or individual students.

#### 1.3 Student Module

This module provides an interface for students to access their attendance status, fee details, and accessing the shared notes and circular.

### 1.4 Management Module

This module provides the ability to add a student, sharing circular among students or teachers and manage the fee details of the individual student to an authorized user.

## 2. RESULT

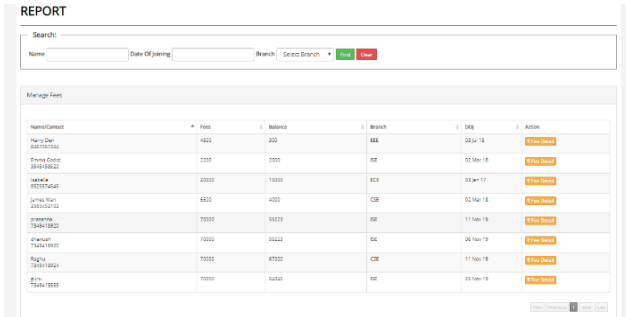


Fig. 2: Interface to generate fee history of student



Fig. 3: Interface to view student details

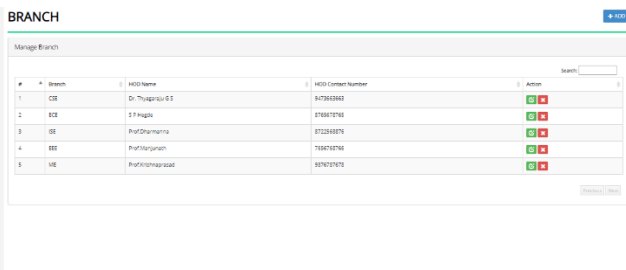


Fig. 4: Interface to manage faculty

RAGHOOTTAM (085) 'S Attendance

Subject	18.03.2017	06.11.2017	08.11.2017	11.11.2017	13.11.2017	14.11.2017	15.11.2017	18.11.2017	19.11.2017	20.11.2017	21.11.2017	26.11.2017	12.02.2020	18.02.2020	19.02.2020	Total	%
DS	Present	Present	Present	Present	Present	Absent	Absent	Present	Present	Present	Present	Not Taken	Present	Absent	Present	12/15	80 %
ME	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	0/0	0 %
WEB	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	0/0	0 %
ADA	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Present	Not Taken	Not Taken	1/1	100 %
JAVA	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Present	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	1/1	100 %

Fig. 5: Student attendance details

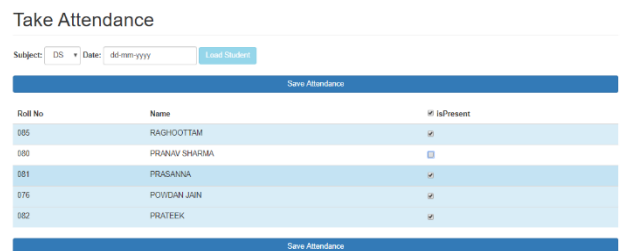


Fig. 6: Update student attendance

## 3. CONCLUSION

The college portal system is identified as an appropriate method for managing information in college. College portal is based on a real-life situation, taking into consideration all possible conditions and functionalities of the daily work in the college. This system considered an excellent first step in implementing performing online-based information management in college. Overall, the college portal seems to be a learning management system that appears to be user and management friendly. It is aimed at overcoming the shortcoming of manually operated processes. The college portal provides a simple interface for the maintenance of student information. It can be used by educational institutes or colleges to maintain the records of students easily. The creation and management of accurate, up-to-date information regarding a students' academic career are critically important in the university as well as colleges.

## 4. ACKNOWLEDGEMENT

We wish to acknowledge the help provided by the staff in the computer science department of the SDM Institute of Technology. We would also like to show our sincere appreciation to our guide Mr. Prithviraj Jain who helped us to finalize our project.

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