

## CAMPUS CONNECT

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**Abstract** - Campus Connect is a College Management System (CMS) it will be designed to address the communication gap between educational institutions, students, and parents. Traditional systems often overlooked the need for parent's involvement in monitoring their child's academic progress, leading to a significant disconnect. To bridge this gap, Campus Connect ensures seamless performance and scalability.

One of the primary challenges tackled by Campus Connect is the lack of real-time notifications to parents regarding their child's attendance and performance. Through the implementation of this system, parents now receive instant updates on their smartphones.

This not only centralizes academic data, including attendance records, grades, and timetables and extra curricular activities but also provides a user-friendly interface for students and parents to access this information effortlessly. It will ensure accurate attendance tracking, enhancing the overall transparency and accountability of the educational process.

Campus Connect not only resolves existing issues but also enhances educational institutions into the future. By embracing modern technologies and prioritizing effective communication, this system creates a vibrant and interactive learning community. The implementation of real-time notifications represent a significant step

forward in enhancing parental involvement and student success.

**Key Words:** College Management System, Real-time Notifications, Parental Engagement, Educational Technology, Seamless Communication, WordPress Integration, Attendance Tracking, Academic Progress Monitoring.

## I. INTRODUCTION

The Campus Connect project will be a major change in educational management, designed to revolutionize the way colleges, students, and parents engage with academics. Addressing the communication gap that has long obstructed efficient information flow within educational institutions, Campus Connect introduces a comprehensive web-based system that offers distinct, tailored dashboards for each user category. With a strong emphasis on security, the platform ensures secure user registration and authentication.

Colleges benefit from streamlined academic calendar management, comprehensive student record tracking, and efficient communication channels, while students gain access to grades, attendance records, fee status, and real-time academic schedules. For parents, Campus Connect provides a means to closely monitor

their child's progress, receive timely notifications, and maintain open communication with the institution.

By promoting transparency, collaboration, and data security, this project aims to simplify administrative processes and elevate the overall efficiency of

educational institutions while enhancing the educational experience for all stakeholders.

## II. LITERATURE SURVEY

This pre-existing system is similar to the proposed system in following aspects. It helps faculty to analyze the performance of students in “TMC1013 System Analysis and Design “subject only. It helps the faculty to predict the performance of students using Data mining Technique of Classification. In this System only login facility to faculty has been provided and only the faculty can perform analysis of student in that particular subject and store the result. It generates reports of analysis in Portable Document Format (PDF) and illustration using charts.

Faculty support system is a system which is low in cost as it uses cost effective open source analysis software. WEKA to analyze the student's performance in a course offered by Coimbatore Institute of Technology of Anna University. FSS is able to update and analyze student's data dynamically with the flow of the time to create or add a new rule. The update of new rule is possible with the help from domain expert and the rule is determined by data mining technique such as classification technique. FSS focuses on identification of factors that contribute to performance of student in particular course.

In the existing system, all the student information is added manually, and the data is stored in the records. Takes a lot of time and physical effort to search and add the information. In the existing system, there is a possibility of losing data and no proper maintenance of data.

The use of linear search in file handling might increase time complexity.

8) SPA is existing secure online web-based software that enables educators to view the student's performance and keep track of schools' data. The SPA is a tool designed for analyzing, storing displaying and getting feedback of student assessment data. It is a powerful analyzer tool used by schools worldwide to perform the analysis and display the analysis data once raw student data is uploaded to the system.

In our proposed system the analysis is done by tracking the student to get the overall performance of student. It helps to identify the student's performance which is below the expected level, at expected level or above the expected level.

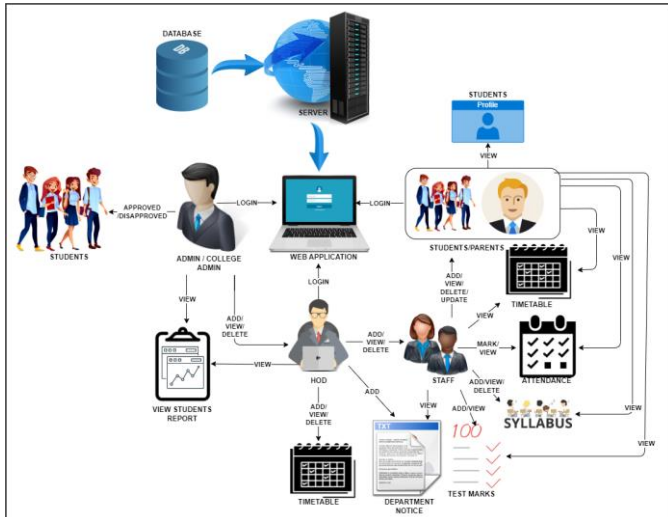
If student is below the expected level it will be notified to their parents. This student performance analysis system provides an easy way to students in searching the details of projects, academic attendance report and marks/percentage details with graph.

The proposed system maintains a database to store all the information. In this system, there is no chance of losing data. Adding and searching the information is very easy which does not take much time and physical effort. the intricacy of vaccination decisions for individuals and parents.

## III. PROBLEM DEFINITION

Current educational systems lack efficient communication channels between institutions and parents, leading to a lack of real-time updates on students' attendance and performance. The project “Campus Connect” aims to address this by resolving the communication gap. it purposes a solution that centralizes academic data, implements real-time notifications for parents, and provides a user-friendly interface for accessing this information, thereby enhancing transparency, accountability, and parental involvement in the educational journey.

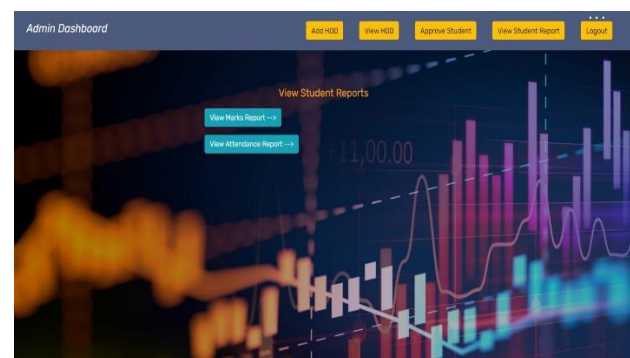
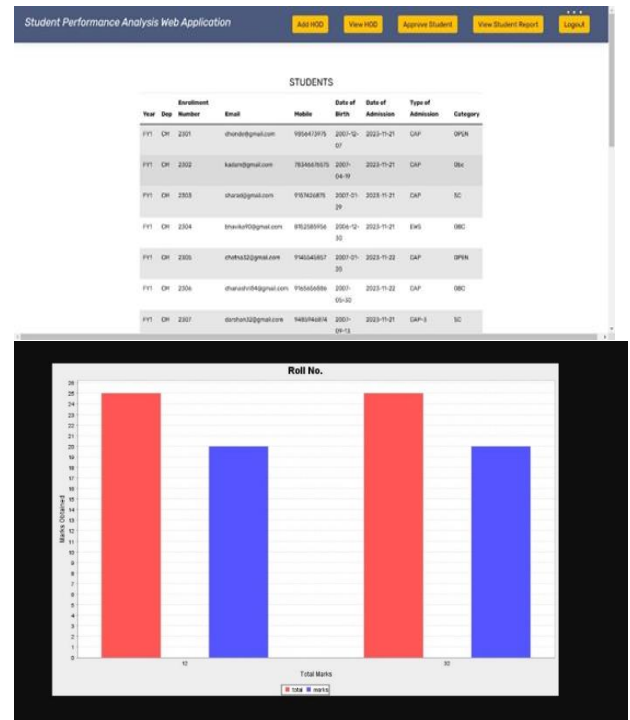
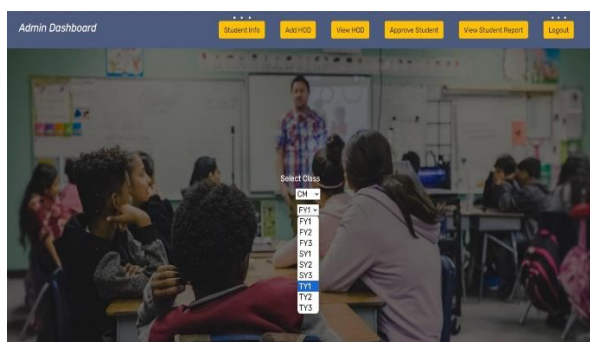
## IV. PROPOSED WORKING



The proposed working involves the implementation of the Campus Connect project to bridge the communication gap between educational institutions and parents. The proposed student performance analysis system is an platform designed to streamline the process of marking and recording students' marks. The project aims to centralize academic data, facilitate real-time notifications will be introduced to alert parents about their child's attendance, grades, and other important updates and offer a user-friendly interface for accessing this information. Staff members will have the capability to input students' marks into the system, which will then be stored securely for future reference. Additionally, the system will allow staff members to easily access and view records of both previous and current exams, providing a comprehensive overview of student performance over time. Campus Connect, that integrates academic data from educational institutions and provides personalized dashboards for students. Through this platform, mechanisms will be implemented to centralize attendance records, grades, and schedules, ensuring easy access to critical information.

## V. RESULT

A system capable to delivers real-time notifications on attendance and performance to parents, and offers a user-friendly interface. This is a system that provides personalized dashboards for students, which include student's attendance records, grades, schedules and all important information for a individuals performance.



## VI. CONCLUSION

By implementing Campus Connect, our educational institution will achieve a transformative educational environment. The advantages of enhanced user experience, improved communication, transparency, and efficient administration will significantly contribute to the institution's success. Empowering parents to engage actively in their child's education fosters a supportive community. The robust data security measures and mobile accessibility ensure a modern, secure, and accessible platform.

## VII. REFERENCES

- 1) A Research Paper on College Management System by Lalit Mohan Joshi .
- 2) “Campus Connect” by Mahendra Vishwakarma<sup>1</sup> , Manas Malakar<sup>2</sup> , Mayank Tipaniya<sup>3</sup> , Rajkumar Jaiswal .
- 3) College Management System” by Deepali. S. Bhor<sup>1</sup> , Vaibhav. V. Bhosale<sup>2</sup> , Priyanka. K. Kharatmal<sup>3</sup>
- 4) College Management System” by Sourabh Salokhe<sup>1</sup>, Supriya Patil<sup>2</sup>, Savita Patil<sup>3</sup>, Tushar Salavi<sup>4</sup>, Snehal Mali<sup>5</sup>, Rahaul Nejkar<sup>6</sup>
- 5) College Management System” by Rushikesh Basatwar<sup>1</sup> , Aakash Patil<sup>2</sup> , Rushikesh Taiwade<sup>3</sup> , Prateek Sahu<sup>4</sup> , Prof. Priyadarshani Patil<sup>5</sup>
- 6) “Student Performance Analysis System (SPAS)” 2014 by Chew Li Sa, Dayang Hanani bt. Abang Ibrahim, Emmy Dahliana Hossain, Mohammad Bin Hossin