

COLLEGE NOTICE BOARD WEB APPLICATION

Submitted by: Madhura Mahesh Mane

Branch/Year: Computer Science Engineering –
[2nd Year/2nd sem]

Guide: Vaishnavi Atole mam

Date: 14/02/2026

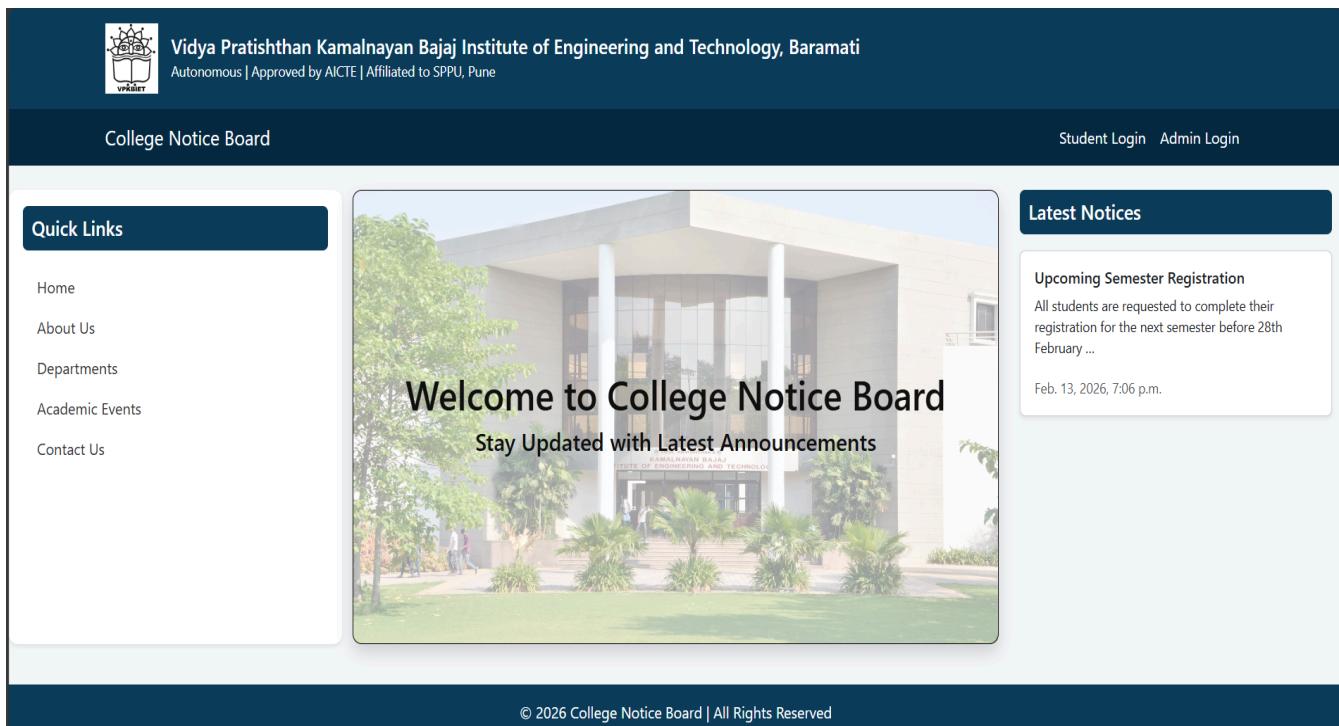
1. Introduction

In modern colleges, effective communication between administration, faculty, and students is essential for smooth functioning. Traditional notice boards are paper-based, prone to delays, and often inaccessible to students not present on campus. Important announcements may be missed, and updating notices manually is time-consuming for staff.

The **College Notice Board Web Application** addresses these issues by providing a digital platform where administrators can post, edit, and delete notices in real-time. Students can access notices instantly from any device, ensuring timely communication. This system is user-friendly, responsive, and environmentally friendly, reducing paper usage while improving accessibility and efficiency.

Key Advantages:

- Faster communication
- Reduced paper usage
- Accessible from anywhere
- Organized and searchable notices



The screenshot shows the homepage of the College Notice Board. At the top, there is a dark header bar with the college's logo and name: "Vidya Pratishtan Kamalnayan Bajaj Institute of Engineering and Technology, Baramati". Below this, it says "Autonomous | Approved by AICTE | Affiliated to SPPU, Pune". On the right side of the header are "Student Login" and "Admin Login" buttons. The main content area has a white background. On the left, there is a sidebar with a dark blue header "Quick Links" containing links to "Home", "About Us", "Departments", "Academic Events", and "Contact Us". In the center, there is a large image of the college building with the text "Welcome to College Notice Board" and "Stay Updated with Latest Announcements". On the right, there is a dark blue header "Latest Notices" with a box containing the title "Upcoming Semester Registration" and a brief description: "All students are requested to complete their registration for the next semester before 28th February ...". Below this is a timestamp: "Feb. 13, 2026, 7:06 p.m.". At the bottom of the page, there is a dark footer bar with the copyright notice: "© 2026 College Notice Board | All Rights Reserved".

2. Objectives

The main objectives of this project are:

1. To provide a digital platform for posting and managing college notices.
 2. To allow administrators/teachers to add, edit, and delete notices efficiently.
 3. To enable students to view all notices easily from any device.
 4. To implement a responsive design suitable for both mobile and desktop devices.
 5. To ensure secure login and authentication for both admin and students.
 6. To organize notices by categories, dates, or departments for better accessibility.
 7. To reduce paper usage and promote eco-friendly communication.
 8. To maintain a record of notices in a database for future reference and accountability.
-

3. Tools and Technologies Used

Tool/Technology	Purpose
HTML	Structure of web pages
CSS	Styling and layout
JavaScript	Dynamic behavior and interactivity
Django	Backend framework for database management
SQLite	Database for storing notices and user data
Bootstrap	Responsive and mobile-friendly design

4. System Design

4.1 User Roles

- **Admin/Teacher:** Can add, edit, and delete notices.
- **Student:** Can view all notices posted by admin.

4.2 Database Design

Notice Table

Column Name	Data Type	Description
id	Integer	Auto-increment primary key
title	Text	Title of the notice
description	Text	Full notice content
date_created	DateTime	Date and time of posting

User Table

Column Name	Data Type	Description
id	Integer	Auto-increment primary key
username	Text	Login username
password	Text	Login password (encrypted)
role	Text	Admin or Student

4.3 System Flow

1. Admin logs in → Access dashboard → Adds/Edits/Deletes notices → Stored in database.
 2. Student logs in → Views all notices → Can search by date or title.
-

5. Features of the Application

1. **Admin Authentication:** Secure login and logout functionality for administrators.
 2. **Notice Management:** Admin can add, edit, and delete notices efficiently.
 3. **Student Dashboard:** Students can view notices in a clean and organized layout.
 4. **Responsive Design:** Works smoothly on desktop, tablet, and mobile devices.
 5. **Search and Filter:** Students can search notices by date, title, or keyword.
 6. **Categorized Notices:** Notices can be organized by department, type, or priority.
 7. **Timestamped Notices:** Each notice shows the date and time of posting for reference.
-

6. Implementation Screenshots

1. Login Page

The screenshot shows the 'Admin Login' interface. At the top, there is a logo and the text 'Vidya Pratishtan Kamalnayan Bajaj Institute of Engineering and Technology, Baramati'. Below this, a sub-header reads 'Autonomous | Approved by AICTE | Affiliated to SPPU, Pune'. The main header says 'College Notice Board' and has a 'Home' link. The central part is a dark blue box titled 'Admin Login' containing two input fields: 'Username' (with value 'Admin1') and 'Password' (with value '*****'). A large blue 'Login' button is at the bottom of the form. At the very bottom of the page, there is a footer with the text '© 2026 College Notice Board | Admin Panel'.

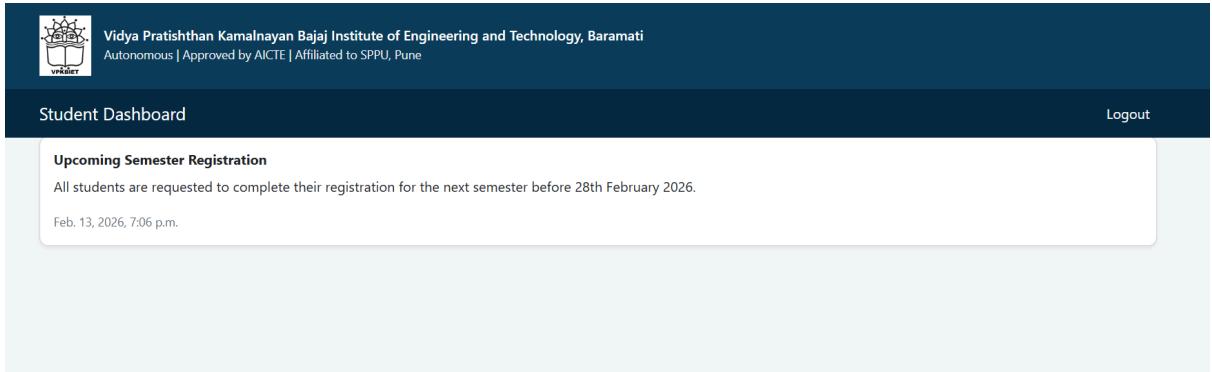
2. Admin Dashboard

The screenshot shows the Admin Dashboard of a college notice board. At the top, there is a logo of the college and the text "Vidya Pratishthan Kamalnayan Bajaj Institute of Engineering and Technology, Baramati" followed by "Autonomous | Approved by AICTE | Affiliated to SPPU, Pune". Below this is a dark blue header bar with "Admin Dashboard" on the left and "Logout" on the right. The main content area has a sidebar on the left labeled "Admin Menu" with options "View Notices" and "Add Notice". The main panel is titled "All Notices" and contains a single notice card. The notice is titled "Upcoming Semester Registration" and contains the text "All students are requested to complete their registration for the next semester before 28th February 2026." It also shows the date "Feb. 13, 2026, 7:06 p.m." and a red "Delete" button. At the bottom of the page, there is a footer bar with the copyright text "© 2026 College Notice Board | Admin Panel".

3. Add Notice Page

The screenshot shows the "Add Notice" page. At the top, there is a logo of the college and the text "Vidya Pratishthan Kamalnayan Bajaj Institute of Engineering and Technology, Baramati" followed by "Autonomous | Approved by AICTE | Affiliated to SPPU, Pune". Below this is a dark blue header bar with "College Notice Board" on the left and "Dashboard Logout" on the right. The main content area has a form titled "Add Notice". It includes fields for "Title" (a text input), "Description" (a text area), and "File (optional)" (a file input field showing "Choose File No file chosen"). There is also a "Back to Dashboard" button at the bottom of the form. At the bottom of the page, there is a footer bar with the copyright text "© 2026 College Notice Board | Admin Panel".

4. Student View Page



The screenshot shows a student dashboard for Vidya Pratishthan Kamalnayan Bajaj Institute of Engineering and Technology, Baramati. At the top, there is a logo and the college's name along with its status as Autonomous, Approved by AICTE, and Affiliated to SPPU, Pune. Below the header, the title "Student Dashboard" is visible, along with a "Logout" link. A central box displays a notice titled "Upcoming Semester Registration" with the text: "All students are requested to complete their registration for the next semester before 28th February 2026." It also shows the date "Feb. 13, 2026, 7:06 p.m."

7. Conclusion

The College Notice Board Web Application has successfully digitized notice management for colleges.

It provides:

- Timely access to notices for students
- Easy management of notices for admin
- Paperless and eco-friendly communication
- Scope for future enhancements like notifications, PDF download, and email alerts.

8. References

1. Django Documentation – <https://docs.djangoproject.com>
2. W3Schools – HTML, CSS, JavaScript – <https://www.w3schools.com>
3. Bootstrap Documentation – <https://getbootstrap.com>