Dr. Babasaheb Ambedkar Technological University

Lonere, Dist. Raigad, Pin 402103, Maharashtra

A

PROJECT REPORT ON

"CAMPUS-CONNECT"

Under the Guidance of

Prof. G. S. Vyas

Submitted by

Vaishnavi Ugale (Roll No.:CS4117)

Smruti Patil (Roll No.:CS4121)

Vedanti Pallawe (Roll No.:CS4171)

Manasi Waykole (Roll No.:CS4174)

For the partial fulfillment for the award of

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE & ENGINEERING

CSMSS

CHH. SHAHU COLLEGE OF ENGINEERING

Chhatrapati Sambhajinagar – 431011

(2025-26)

CSMSS

Chh. Shahu College of Engineering,

Chhatrapati Sambhajinagar, Maharashtra - 431011

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

CERTIFICATE

This is to certify that the Project report entitled

"CAMPUS-CONNECT"

Submitted by

Vaishnavi Ugale (Roll No.:CS4117)
Smruti Patil (Roll No.:CS4121)
Vedanti Pallawe (Roll No.:CS4171)
Manasi Waykole (Roll No.:CS4174)

in partial fulfillment for award of the Degree **Bachelor of Technology** in **Computer Science and Engineering** of **Dr. Babasaheb Ambedkar Technological University**, Lonere, Raigad, during academic year 2025-26 Part-I.

Prof. G. S. Vyas	**Dr. S. P. Abhang**	**Dr. G. B. Dongre**
Guide	**Head of the Department**	**Principal**

CSMSS

Chh. Shahu College of Engineering,

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

PROJECT APPROVAL SHEET

Project entitled "**CAMPUS-CONNECT**" submitted by **Vaishnavi Ugale (Roll No. CS4117), Smruti Patil (Roll No. CS4121), Vedanti Pallawe (Roll No. CS4171), Manasi Waykole (Roll No. CS4174)** is approved for partial fulfillment for the award of **Bachelor of Technology in Computer Science of Engineering** of **Dr. Babasaheb Ambedkar Technological University**, Lonere, Raigad (M.S.) during academic year 2025-26 Part-I.

Name and Sign **Internal Examiners**	**Name and Sign** **External Examiners**

Place: Chhatrapati Sambhajinagar

Date:

DECLARATION

We, the students enrolled in the seventh semester of the B.Tech program in **Computer Science and Engineering** at CSMSS Chh. Shahu College of Engineering, Chhatrapati Sambhajinagar, hereby asserts that our project work titled "**Campus-Connect**" submitted to Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad, during the academic year 2025-26, represents original research conducted by us.

This project work is presented as a partial fulfillment of the requirements for the Bachelor of Technology degree in **Computer Science and Engineering**. The findings presented in this report have not been previously submitted to any other University or Institute for the purpose of obtaining any degree.

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ACKNOWLEDGEMENT

We take immense pleasure in presenting this project report, as this page provides us with the opportunity to convey our heartfelt emotions and gratitude.

We extend our sincere thanks to our guide, **Prof. G. S. Vyas**, whose guidance was invaluable at every step of this project. His motivation and confidence-boosting efforts were instrumental, and we acknowledge that this work would not have been possible without his/her support and encouragement.

Special appreciation is also extended to the project coordinator, **Dr. G. J. Sahani**, for guiding and motivating us throughout the project. We would like to express our gratitude to the Head of the Department, **Dr. S. P. Abhang**, and the respected Principal, **Dr. G. B. Dongre**, for providing valuable resources and dedicating their valuable time to review our report.

Finally, we express our thanks to all the staff members of the **Computer Science and Engineering Department** and our friends, without whom the completion of this project would not have been possible.

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Bachelor of Technology (Computer Science and Engineering)

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SN	Abbreviation	Illustration
1	API	Application Programming Interface
2	CMS	College Management System
3	CSS	Cascading Style Sheets
4	DFD	Data Flow Diagram
5	ER	Entity-Relationship
6	JWT	JSON Web Token
7	MERN	MongoDB, Express.js, React.js, Node.js

ABSTRACT

Colleges today face major challenges due to scattered communication systems, delayed announcements, lack of centralized resource sharing, and inefficient event coordination. This often leads to missed opportunities, duplicated work, and limited student engagement. To overcome these issues, a **College Community Application** is proposed as a one-stop digital hub connecting students, faculty, and administrators. The system integrates key features such as centralized announcements, discussion forums, event calendars, file/resource sharing, real-time notifications, and analytics, all secured with role-based access. The proposed technology stack includes React.js for the frontend, Node.js/Express or Django for the backend, MongoDB/PostgreSQL for database management, Socket.io for real-time updates, and Tailwind CSS for responsive design, hosted on cloud or college servers. This robust stack ensures scalability, user-friendliness, and data security while fostering effective communication and collaboration. The application benefits all stakeholders in unique ways. Students can instantly access event details, academic updates, and study resources, promoting active participation and teamwork. Faculty members can easily distribute materials, manage announcements, and monitor student engagement, saving time and effort. For administrators, the platform offers efficient event management, policy circulation, and valuable data insights for better decision-making. By streamlining communication and offering secure, real-time interaction, the College Community Application reduces inefficiencies and builds stronger connections within the academic ecosystem. Ultimately, it transforms the college environment into a connected, transparent, and collaborative space where students, faculty, and administrators can thrive together.