VISVESVARAYA TECHNOLOGICAL UNIVERSITY,

BELAGAVI - 590 018.

A Mini Project report on

"FEST MANAGEMENT APP"

Submitted in partial fulfillment for the award of Degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

Submitted by

ABHAY GOWDA M K	**4AL21CS001**
ABHAY N	**4AL21CS002**
ABHIRAM A GOWDA	**4AL21CS003**
ABHISHEK B K	**4AL21CS004**

Under Supervision of

Mrs. Deeksha M

Sr. Assistant Professor
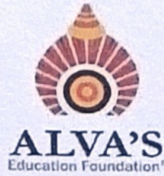
Department of Computer Science & Engineering

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MIJAR

MOODBIDRI D.K.-57422 KARNATAKA

2023-24

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY MIJAR,MOODBIDRI D.K. -574225, KARNATAKA

ALVA'S
Education Foundation®

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

CERTIFICATE

This is to certify that, the Mini Project entitled **"Fest management App"** for the subject code **21CSMP67** has been successfully completed and report submitted by **Abhay Gowda M K (4AL21CS030)** during the academic year 2023–2024. It is certified that all corrections/suggestions indicated presentation session have been incorporated in the report and scored_____90_____Marks out of 100 and deposited in the departmental library.

Mrs. Deeksha M

Sr. Assistant Professor

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY MIJAR, MOODBIDRI D.K. - 574225, KARNATAKA

ALVA'S
Education Foundation®

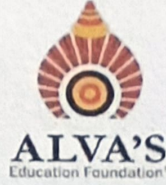## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

CERTIFICATE

This is to certify that, the Mini Project entitled **"Fest management App"** for the subject code **21CSMP67** has been successfully completed and report submitted by **Abhay N (4AL21CS002)** during the academic year 2023–2024. It is certified that all corrections/suggestions indicated presentation session have been incorporated in the report and scored_____85_____Marks out of 100 and deposited in the departmental library.

Mrs. Deeksha M

Sr. Assistant Professor

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY MIJAR, MOODBIDRI D.K. - 574225, KARNATAKA

ALVA'S
Education Foundation®

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

CERTIFICATE

This is to certify that, the Mini Project entitled **"Fest management App"** for the subject code **21CSMP67** has been successfully completed and report submitted by **Abhiram A Gowda (4AL21CS003)** during the academic year 2023–2024. It is certified that all corrections/suggestions indicated presentation session have been incorporated in the report and scored _____92_____ Marks out of 100 and deposited in the departmental library.

Mrs. Deeksha M

Sr. Assistant Professor

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY MIJAR, MOODBIDRI D.K. – 574225, KARNATAKA

ALVA'S
Education Foundation®

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

CERTIFICATE

This is to certify that, the Mini Project entitled **"Fest management App"** for the subject code **21CSMP67** has been successfully completed and report submitted by **Abhishek B K (4AL21CS004)** during the academic year 2023–2024. It is certified that all corrections/suggestions indicated presentation session have been incorporated in the report and scored_____*92*____Marks out of 100 and deposited in the departmental library.

Mrs. Deeksha M

Sr. Assistant Professor

ABSTRACT

This report details the development of a fest management app designed to streamline the processes of event scheduling, user registration, and overall fest management. The app serves as a comprehensive solution for administrators and users, offering a centralized platform that enhances efficiency, user engagement, and data security. Key features include automated notifications, real-time booking systems, secure data handling, and financial tracking. The report begins with an introduction outlining the problem statement, motivation, and objectives of the project. It highlights the need for automation, efficient membership management, and secure financial transactions. The literature review discusses the evolution of fest management systems, emphasizing modern advancements like cloud computing, mobile applications, and data analytics.

System requirements and specifications are detailed. The report also presents a thorough system analysis, encompassing requirement analysis, use case analysis, and system design. A development methodology is adopted, emphasizing iterative progress, continuous integration, and quality assurance practices. The conclusion summarizes the app's contributions to event management and suggests further enhancements, such as advanced data analytics, enhanced user experiences, and integration with emerging technologies. Overall, the fest management app provides a unified, scalable, and secure solution for organizing and managing events, addressing the critical needs of administrators and users alike.