College Event Registration

Project report submitted in partial fulfillment of the Requirements for the Award of the Degree of

BACHELOR OF TECHNOLOGY

In

COMPUTER SCIENCE AND ENGINEERING

By

SRINATH-24KB1A05LM

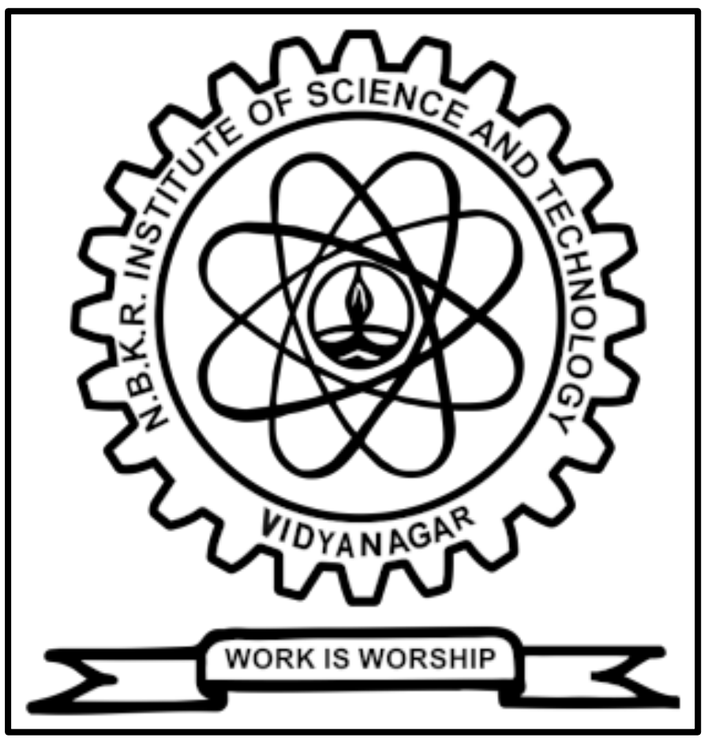
SUJITHVARDHAN-24KB1A05LY

SIMHADRI – 24KB1A05NE

UDAY-24KB1A05PC

Under the Guidance of

Ashok Selva Kumar



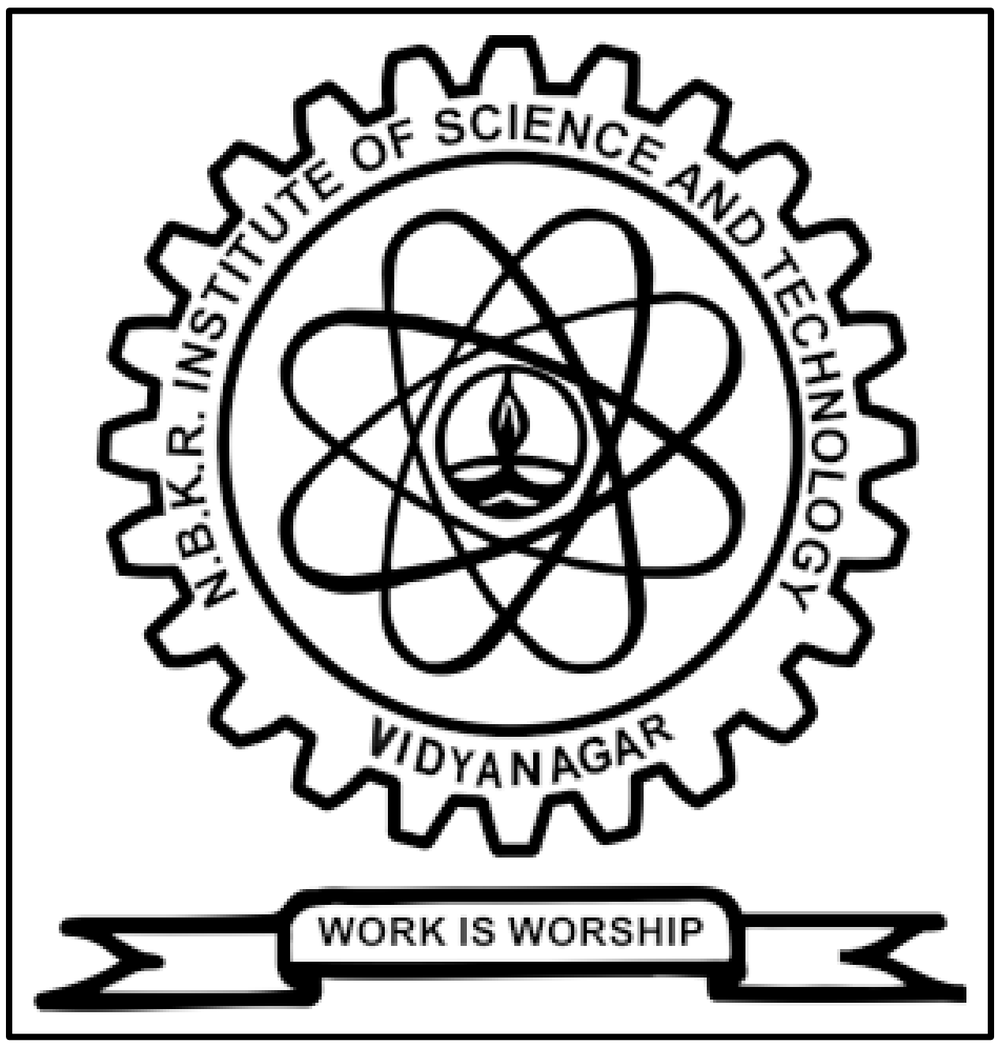
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

NBKRIST

NBKR INSTITUTE OF SCIENCE AND TECHNOLOGY

(AUTONOMOUS)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project report entitled YOUR PROJECT TITLE being submitted by

SRINATH-24KB1A05LM

SUJITH VARDHAN-24KB1A05LY

SIMHADRI- 24KB1A05NE

UDAY-24KB1A05PC

in partial fulfillment for the award of the Degree of Bachelor of Technology in Computer Science and Engineering to the NBKR INSTITUTE OF SCIENCE AND TECHNOLOGY is a record of bonafied work carried out under my guidance and supervision.

SMT.Geetha Reddy
Assistant Professor

Dr A Raja Sekhar Reddy
M.Tech, Ph.D
Head of the Department

DECLARATION

I hereby declare that the dissertation entitled **College Event Registration** Sbmitted for the B.Tech Degree is my original work and the dissertation has not formed the basis for the award of any degree, associateship, fellowship or any other similar titles.

Place:
Date:

Simhadri

24KB1A05NE

Acknowledgement

I would like to express my sincere gratitude to all those who helped me complete this project titled **"College Event Registration"**.

First and foremost, I would like to thank my faculty guide, **Geetha Reddy**, for their continuous support, valuable feedback, and encouragement throughout the development of this project.

I would also like to thank the Head of Department, **Dr A Raja Sekhar Reddy**, for providing us with the necessary resources and environment to carry out this work effectively.

A special thanks to my teammates and friends for their constant motivation, brainstorming sessions, and cooperation, which made this learning experience memorable and enriching.

Finally, I am grateful to my family for their endless support and encouragement, which kept me motivated throughout this project.

This project has helped me enhance my technical knowledge in **C Programming, Circular Linked Lists, Structures, and Dynamic Memory Allocation**, and it has given me a glimpse of real-world application development challenges.

Thank you all once again!

Abstract of the Project.

INFORMATION... ... .

Chapter 1 1. Introduction

1.1 1.1 Introduction

The **Bus Seat Booking System** is a console-based application developed in the **C programming language** to manage seat reservations for a bus. The goal of this project is to simulate a real-world booking system Project Overview.

This project aims to develop an online platform for managing registrations for college events. The system will allow students and faculty to view upcoming events, register to participate, and receive confirmation and updates.

1.2 1.3 Scope

Payment gateway integration (if events are free).
Integration with external calendar systems.
Mobile app (unless specified otherwise).

1.3 1.4 Objectives

- To streamline the registration process for various college events.
- To reduce manual work and paperwork for event coordinators.
- To provide a centralized platform for tracking event attendance and participation.
-

Assumptions

- All users have access to the internet.
- Admin users are trained to use the system backend.
- System will be hosted on a college-approved server or cloud platform.

Constraints

- Must comply with college IT policies and data protection rules.
- Project to be completed within the semester.

In-Scope Features:

User Management:

Student and faculty login/registration.

Admin login for event organizers.

Event Management:

Create, update, and delete event listings.

Display event details (date, time, venue, description).

Registration System:

Allow users to register for events.

Limit registration based on event capacity.

Send confirmation emails/notices.

Dashboard:

User dashboard to view registered events.

Admin dashboard to manage registrations and view analytics.

Reports:

Export participant lists.

Attendance tracking features (optional with QR or manual check-in).

Conclusion:

The College Event Registration System was successfully designed and developed to simplify the process of managing and participating in college events. The system provides an efficient and user-friendly platform for students and faculty to view upcoming events and register with ease. For event organizers, it offers tools to manage registrations, track participation, and generate useful reports.

By automating the registration process, the system reduces manual workload, minimizes errors, and enhances communication between organizers and participants. The project meets its primary goals of improving accessibility, saving time, and creating a centralized database for event-related activities.

References:

- The following format used for writing the References.

1. Algorithms and Data Structures: The Basic Toolbox by Kurt Mehlhorn and Peter Sanders.
2. C Data Structures and Algorithms by Alfred V. Aho, Jeffrey D. Ullman, and John E. Hopcroft.
3. Problem Solving with Algorithms and Data Structures by Brad Miller and David Ranum.
4. Introduction to Algorithms by Thomas H. Cormen, Charles E. Leiserson, Ronald L. Rivest, and Clifford Stein.
5. Algorithms in C, Parts 1-5 (Bundle): Fundamentals, Data Structures, Sorting, Searching, and Graph Algorithms by Robert Sedgewick.