

# **SUMMER TERM TIMETABLE GENERATION SYSTEM**

## **A PROJECT REPORT**

*Submitted by,*

**Talararla Greeshma -20211CSE0177**

**Gutta Bindu Sree -20211CSE0277**

**Sangati Charitha -20211CSE0276**

**Kondreddy Rohith Kumar Reddy -20211CSE0175**

**Mudahadu Preethi-20211CSE0129**

*Under the guidance of,*

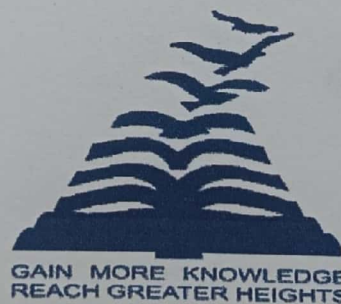
**Dr.Hasan Hussain S**

*Professor of*

**BACHELOR OF TECHNOLOGY**

**IN**

**School of Computer & Information Science Engineering**  
**At**



**PRESIDENCY UNIVERSITY**

**BENGALURU**

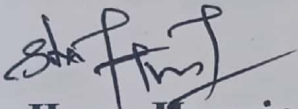
**MAY 2025**

# PRESIDENCY UNIVERSITY

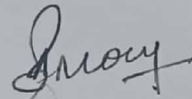
## SCHOOL OF COMPUTER SCIENCE ENGINEERING

### CERTIFICATE

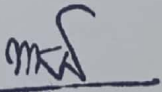
This is to certify that the Project report "SUMMER TERM TIMETABLE GENERATION SYSTEM" being submitted by "TalamarlaGreeshma-20211CSE0177, Gutta Bindu Sree-20211CSE0277, Sangati Charitha-20211CSE0276, Kondreddy Rohith Kumar Reddy-20211CSE0175, Mudahadu Preethi-20211CSE0129" in partial fulfillment of the requirement for the award of the degree of Bachelor of Technology in Computer Science and Engineering is a bonafide work carried out under my supervision.



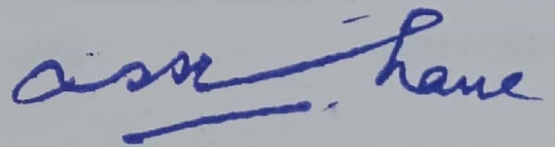
**Dr. Hasan Hussain S**  
Professor  
School of IS  
Presidency University



**Dr. Asif Mohammed**  
Professor & HoD  
School of CSE&IS  
Presidency University



**Dr. MYDHILI NAIR**  
Associate Dean  
School of CSE  
Presidency University



**Dr. SAMEERUDDIN KHAN**  
Pro-VC School of Engineering  
Dean -School of CSE&IS  
Presidency University

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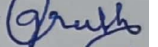
**SCHOOL OF COMPUTER SCIENCE ENGINEERING**

**DECLARATION**

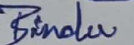
We hereby declare that the work, which is being presented in the project report entitled **SUMMER TERM TIMETABLE GENERATION SYSTEM** in partial fulfillment for the award of Degree of Bachelor of Technology in Computer Science and Engineering, is a record of our own investigations carried under the guidance of **Dr HASAN HUSSAIN S, PROFESSOR**, School of Information Science, Presidency University, Bengaluru.

We have not submitted the matter presented in this report anywhere for the award of any other Degree.

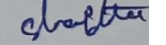
**Talararla Greeshma**

20211CSE0177 

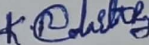
**Gutta Bindu Sree**

20211CSE0277 

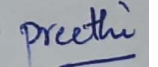
**Sangati Charitha**

20211CSE0276 

**Kondreddy Rohith Kumar Reddy**

20211CSE0175K 

**Mudahadu Preethi**

20211CSE0129 



## ABSTRACT

The purpose of this application is to make it easier for teachers and students to access and manage exam and faculty schedules. Providing a centralized platform that guarantees effective scheduling, improves communication, and promotes academic achievement inside educational institutions is the main goal. The tool promotes improved time management and lessens scheduling conflicts by granting users individualized access to schedules.

The system offers students customized exam schedules so they may efficiently plan their preparation and be updated about impending tests. Access to their teaching and exam calendars, which include specific class times and exam responsibilities, helps faculty members manage their academic obligations with ease. The system's administrative function is essential since it provides powerful tools for making, editing, and changing timetables. This guarantees precision, regularity, and flexibility to meet alterations in exam schedules, teacher availability, or unanticipated events.

The platform's sophisticated scheduling features improve schedule distribution transparency, cut down on errors, and remove duplicates. Its intuitive interface facilitates communication between administrators, teachers, and students, creating a more peaceful learning environment. Academic institutions save time and money because to the application's centralized design, which enhances coordination and efficiency.

Through the use of cutting-edge schedule management tools, this program reduces scheduling complexity and supports an organized and effective academic environment. For contemporary educational institutions looking to improve their operational effectiveness and assist their stakeholders' academic performance, its versatility and dependability make it a vital instrument.

The system's adaptability guarantees that it can meet a range of academic needs, from tiny schools to major universities. Its scalability also makes it possible to incorporate more features, such analytics and notifications, to increase its usefulness even more. The tool enables users to concentrate on their primary academic and instructional goals by streamlining timetable management. It positions itself as a pillar of efficient academic management by filling in technology inadequacies in educational administration.

**Keywords:** academic coordination, schedule management, students, faculty, exams, and administration.

## ACKNOWLEDGEMENT

First of all, we indebted to the **GOD ALMIGHTY** for giving me an opportunity to excel in our efforts to complete this project on time.

We express our sincere thanks to our respected dean **Dr. Md. Sameeruddin Khan**, Pro-VC, School of Engineering and Dean, School of Computer Science Engineering & Information Science, Presidency University for getting us permission to undergo the project.

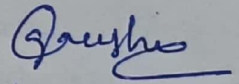
We express our heartfelt gratitude to our beloved Associate Dean **Dr. Mydhili Nair**, School of Computer Science Engineering & Information Science, Presidency University, and **Dr. Asif Mohammed T**, Head of the Department, School of Computer Science Engineering & Information Science, Presidency University, for rendering timely help in completing this project successfully.

We are greatly indebted to our guide **Dr. Hasan Hussain S**, Professor School of Information Science, Presidency University for his inspirational guidance, and valuable suggestions and for providing us a chance to express our technical capabilities in every respect for the completion of the project work.

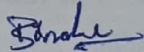
We would like to convey our gratitude and heartfelt thanks to the PIP2001 Capstone Project Coordinators **Dr. Sampath A Kand** and **Mr. Md Zia Ur Rahman**, department Project Coordinators and Git hub coordinator **Mr. Muthuraj**.

We thank our family and friends for the strong support and inspiration they have provided us in bringing out this project.

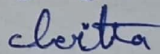
Talararla Greeshma



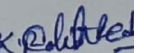
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Kondreddy Rohith Kumar Reddy



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