

EXAMINATION TIMETABLE

GENERATION

A PROJECT REPORT

Submitted by,

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Under the guidance of,

Ms. Rakheeba Taseen

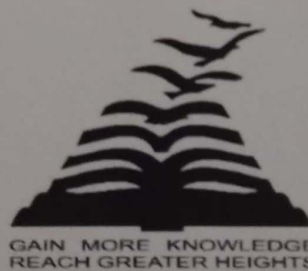
in partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING

At



PRESIDENCY UNIVERSITY

BENGALURU

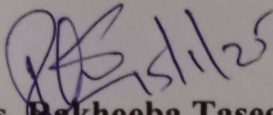
DECEMBER 2024

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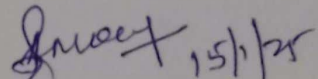
SCHOOL OF COMPUTER SCIENCE ENGINEERING

CERTIFICATE

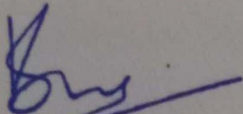
This is to certify that the Project report “**EXAMINATION TIMETABLE GENERATION**” being submitted by TRISHANYA, BHAVITH MOURYA R, DINSON SAM THOMAS, AJAY R bearing roll numbers 20211CSE0361, 20211CSE0394, 20211CSE0377, 20211CSE0384 in partial fulfillment of the requirement for the award of the degree of Bachelor of Technology in Computer Science and Engineering is a bonafide work carried out under my supervision.



Ms. Rakhee Taseen
Assistant professor
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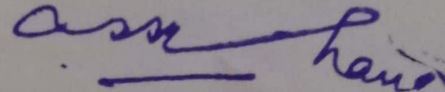
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DECLARATION

We hereby declare that the work, which is being presented in the project report entitled **EXAMINATION TIMETABLE GENERATION** 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 **Ms. Rakheeba Taseen**, Assistant Professor, School of Computer Science Engineering, Presidency University, Bengaluru.

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

NAME OF THE STUDENTS	ROLL NUMBER	SIGNATURE
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ABSTRACT

The goal of the Examination Timetable Generation Project is to create a sophisticated, automated system that uses HTML, CSS, Java, and Spring Boot to expedite and improve Presidency University's exam scheduling procedure. By addressing the major difficulties and complications involved in creating manual timetables, this project provides a methodical and effective way to create exam schedules free of conflicts. The system makes use of contemporary technology to guarantee that a number of limitations, including workloads for faculty and students, invigilation assignments, and resource availability, are carefully taken into account and managed. In big universities like Presidency University, making exam schedules by hand takes a lot of time and is prone to mistakes. Ineffective use of faculty time, scheduling problems, and fatigue for both students and professors are the results of the old approach's inability to meet the demands. The goal of this project is to automate the procedure, which will guarantee correctness, efficiency, and fairness while lowering administrative burdens. The system provides an optimal schedule that satisfies institutional requirements by taking into account real-time inputs such faculty availability, elective choices, and course registrations. Additionally, automating this procedure reduces the need for human intervention, increasing dependability and freeing up administrative staff to concentrate on other important duties.