



## G. Narayanamma Institute of Technology & Science (For Women) (Autonomous)

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Shaikpet, Hyderabad-500104

### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

<GN-R-18> (2022 - 2023) II B.Tech II Sem Hobby Project  
on "Railway Ticket Booking System"

#### Abstract

The Railway ticket booking system project is a software system designed to simplify the process of reserving train tickets. The project provides an online platform for users to search for train schedules and ticket availability, select seats, make payments, and receive electronic tickets. The system is built using modern web technologies and follows industry standards for security and usability. The website is designed to be responsive and compatible with various screen sizes, making it accessible to users on desktop and mobile devices. The website allows users to register and create an account to save their booking history, manage their personal information, and receive notifications about upcoming trips. The search functionality enables users to find trains by specifying the departure and arrival locations, travel dates, and the number of passengers. The application then displays a list of available trains along with their schedules and fares. The booking process is straightforward, allowing users to select their preferred train, choose their seats, and complete the payment process using a secure payment gateway. Once the payment is confirmed, users receive a confirmation email with their ticket details and itinerary. Overall, the Railway ticket booking website provides a simple and efficient solution for booking train tickets online, making it a valuable tool for both commuters and travelers.

#### H/W & S/W Requirements

**Hardware Requirements** : Intel Core I5 Processor, 8GB RAM, 512GB SSD, 64-BIT Operating System.

**Software Requirements** : Java, My SQL

\*Dept R&D: No

\* If No : GNITS



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