



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

Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad
Accredited by NBA & NAAC, an ISO 9001:2015 Certified Institution
Shaikpet, Hyderabad-500104

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

<GN-R-18> (2022 - 2023) II B. Tech II Sem Hobby Project
on "Parking Management System-Car Park"

Abstract

Today's busy world is facing a lot of issues in finding appropriate parking spots during the time of our visits to shopping malls and other places. Limited Parking space, Lack of real Time Information, poor navigation are some of the problems of this System.

Using Python, HTML and Machine learning we are trying to build an app on parking management. In this app we are going to include real time parking slot availability using the cameras.

Installed parking lot done by the machine learning algorithms, navigate the person to that particular spot, reserve the particular spot in advance to avoid the hassle of searching for a spot, Security to the user information.

Through this application we are going to increase customer satisfaction and increase the parking Experience of the user and improve the traffic flow.

H/W & S/W Requirements

S/W Requirements: JavaScript, HTML, CSS, Python, Machine Learning

H/W Requirements: Intel core i5 processor, Hard Disk of Capacity 500GB, 8GB RAM, Windows 11.

*Dept R&D: No

* If No : GNITS



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