

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM



**Shri Dharmasthala Manjunatheswara College of Engineering &
Technology, Dharwad-580 002, Karnataka, India**

(Autonomous Institution under Visvesvaraya Technological University, Belgaum-590 018)



Project On

**REAL-TIME AUTOMATED MULTI-STORIED VEHICLE
PARKING WITH ONLINE RESERVATION SYSTEM
(Sponsored by KSCST)**

Under the Guidance of

Prof. KALMESHWAR N. HOSUR

Submitted By

Mr. PRAVEEN KUMAR

2SD07EC068

Mr. RAGHAVENDRA KUMAR

2SD07EC073

Mr. RONALD JOSEPH

2SD07EC078

**DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING**

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ABSTRACT

In this project we have designed an electro mechanical system which is used for automatic parking of vehicles without driver assistance. The system can accommodate six vehicles on two floors with three on each floor. Our system also incorporates an online access system to register, query or reserve a parking slot by a remote user.

The system requires two 8051 microcontrollers: one for the user interface and another for controlling the hardware components.

This report describes the components used, the circuit diagram and the applications of the system.