

# **A PROJECT REPORT ON PARKING MANAGEMENT SYSTEM**

SUBMITTED IN PARTIAL FULFILLMENT OF REQUIREMENT FOR THE  
AWARD OF DEGREE OF “BACHELOR OF COMPUTER APPLICATION”



SESSION :2018-2021

**Guided By:**

Mrs. Shivani Singh

**Submitted By:**

Name: Aman Yadav

Roll No.: 115482

Enrollment No. AT148134018

Study Institute code No. 8134

**Submitted to**

**Makhanlal Chaturvedi National University of  
Journalism and Communication, Bhopal**

# **Khandwa Institute of Professional Studies, Khandwa**

## **Project Certificate**

This is to certify that the project report entitled “Parking Management System” submitted to Makhanlal Chaturvedi National University of Journalism & Communication, in partial fulfillment of the requirement for the award of the degree of Bachelor of Computer Application, is original work carried out by myself Mr Aman Yadav with enrolment no. AT148134018. Under the Supervision of Mrs Shivani Singh.

The matter embodied in this project is genuine work done by myself and has not been submitted whether to this University or to any other University / Institute for the fulfillment of the requirement of any course of study.

**Date:**

**Name & Signature of the Student**

Aman Yadav

**Verified by the Supervisor**

Name:- \_\_\_\_\_

## **ACKNOWLEDGEMENT**

This Major Project is the result of contribution of many mind. I would like to acknowledge and thank my project guide Mrs. Shivani Singh for her valuable support and guidance. She guided me through the process from conception and till the completion of this project.

I am very thankful for the open-handed support extended by many people. While no list would be complete, it is my pleasure to acknowledge the assistance of my friends who provided encouragement, knowledge and constructive suggestions.

### **Signature of student**

Name: Aman Yadav

Roll No.: 115482

Enrollment No. AT148134018

## **Self-Certificate**

This is to certify that the Major Project report entitled “**Parking Management System**” is done by me, and it is authentic work carried out for the partial fulfillment of the requirements for the award of the degree of Bachelor of Computer Application (BCA) under the guidance of Mrs. Shivani Singh. The matter and software embodies in this project has not been submitted earlier for award of any degree or diploma to the best of my knowledge and believes.

### **Signature of Student**

Name: Aman Yadav

Roll No.: 115482

Enrollment No. AT148134018

## **Certificate from Project Guide**

This is certify that this Major Project entitled "**Parking Management System**" submitted in partial fulfillment of the requirements for the award of the degree of Bachelor of Computer Application (BCA) in session (years 2018 to 2021) to the Makhanlal Chaturvedi National University of Journalism & Communication, Bhopal, done by Mr. Aman Yadav is an authentic work carried out by them Khandwa Institute of professional studies under my guidance. The matter and software embodied in this project work has not been submitted earlier for the award of any degree or diploma to the best of my knowledge and belief.

**Signature of BCA Teacher  
(Project Guide)**  
Mrs. Shivani Singh

# TABLE OF CONTENTS

<b>S No.</b>	<b>Contents</b>	<b>Page No.</b>
1.	Introduction	1
2.	System Analysis	2
3.	Feasibility Study	4
4.	Requirement Gathering Hardware Specification Software Specification	6
5.	System Design Data Flow Diagram Use Case Model(Admin) Use Case Model(User) Activity Diagram(Admin) Activity Diagram(User) Sequence Diagram (Admin) Sequence Diagram (User) Class Diagram ER Diagram	8
6.	Coding	22
7.	Implementation & Maintenance	34
8.	Testing	35
9.	Report & Table Figure	37
10.	Screenshots of Project	38
11.	Conclusion	41
12.	Future Scope & Further Enhancement	42
13.	Reference	43