A SEMINAR REPORT ON

CAR SPEED CONTROL USING BLUETOOTH

Submitted in partial fulfillment of the requirements for the award of the degree of

BACHELOR OF COMPUTER APPLICATIONS

Mahatma Gandhi University, Kottayam

Submitted by,

Siyon Shaji Reg. No. 200021094706

Under the Guidance of

Asst.Prof.Smt.Anju Thariyath



DEPARTMENT OF COMPUTER APPLICATIONS ST. ANN'S COLLEGE, ANGAMALY

(Affiliated to MG University & Approved by Govt. of Kerala)

St. Ann's Nagar, Angamaly

Email: stannsprincipal2013@gmail.com

Website: www.stannscollegeangamaly.com

2020-2023

CERTIFICATE

This is to certify that the report entitled "CAR SPEED CONTROL USING BLUETOOTH" has been submitted by Siyon Shaji, 200021094706, in the partial fulfillment of award of degree in Bachelor of Computer Applications of Mahatma Gandhi University during the academic year 2020-2023.

Head of the Department	Principal				
Smt. Namitha Shajan	CAPT.Dr.M.K.Ramachandran				
Seminar Guide					
Smt. Anju Thariyath					
Submitted for the examination held on					
Examiners					
1. 2.					

ACKNOWLEDGMENT

Dr.M Ramachandran, St Ann's college Angamaly, Ernakulam who provided an atmosphere, which enabled us to do this seminar work. I express sincere thanks to Ms. Namitha Shajan, Head of the Department for the valuable support and deep encouragement in completing this project. I express my sincere thanks to, Ms. Anju Thariyath, my guide for her valuable support and deep encouragement in completing this project. I really deem it is a special privilege to convey my prodigious and everlasting thanks to my teachers Ms.Teenu P. Babu, Ms.Stella Mariya Stephen, Ms.Neetha T.P, and all others for timely help and sincere suggestions during the project work, without whose support this project would not have been materialized. I also express my sincere thanks to my parents and friends for their kind help. Finally, I pay my homage to almighty for allowing me to complete my project.

Siyon Shaji

DECLARATION

I hereby declare that this project report entitled "CAR SPEED CONTROL
USING BLUETOOTH" is bonafide record of seminar work done by the in partial
fulfillment of the requirements for Degree of Bachelor of Computer Applications, under
the guidance of Ms.Anju Thariyath, Assistant Professor of the Department of Computer
Applications, St. Ann's College, Angamaly.

Date:	Siyon Shaji
-------	-------------

Place: Angamaly

ABSTRACT

In the current scenario the world is plagued by accidents which are primarily due to human errors in judgment and hence thousands of lives are lost. These accidents can be			
avoided if only there was a mechanism to alert the driver of approaching danger. This can be			
done by monitoring the distance between nearby cars and alerting the driver whenever the			
distance becomes too short. This is precisely the aim of this paper. In this paper we propose			
the use of Bluetooth Technology by which we can check the speed of the car whenever it			
comes dangerously close to any other vehicle up front, thereby saving very many lives.			

TABLE OF CONTENTS

CHAPTER NO	TITLE	PAGE NO
1	INTRODUCTION	2
2	EXISTING TECHNOLOGY	5
	2.1 ADVANTAGES	5
	2.2 DISADVANTAGES	5
3	PROPOSED TECHNOLOGY	7
	3.1 BLUETOOTH	7
	3.1.1 Piconet	7
	3.1.2 Scatternet	8
	3.2 WORKING	9
	3.2.1 Automatic Brake System	10
	3.2.2 Operation	11
	3.2.3 Representation of Our Ide	ea 13
	3.3 ADVANTAGES	13
	3.4 DISADVANTAGES	13
	3.5 APPLICATIONS	14

4	FUTURE SCOPE	16
5	CONCLUSION	18
	BIBLIOGRAPHY	20

LIST OF FIGURES

FIGURE NO	TITLE	PAGE NO
1	Road Accident Statistic	3
2	Piconet	8
3	Scatternet	8
4	Bluetooth Device and a Car	9
5	Schematic Diagram of Car	9
6	Automatic Braking Pump and Valves	s 10
7	Bluetooth Connection with Cars	11
8	Bluetooth Communication	12
9	Representation of Our Idea	13

LIST OF TABLES

3

TABLE NO. TITLE PAGE NO

1 Road Accident Statistics