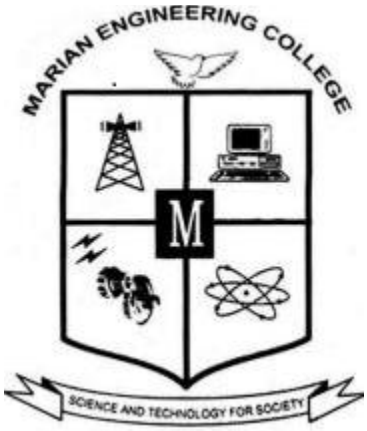
ACCIDENT PREVENTION AND SECURITY SYSTEM FOR AUTOMOBILES

PROJECT REPORT

(VOLUME 1)



Submitted in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Electronics and Communication Engineering of the University of Kerala

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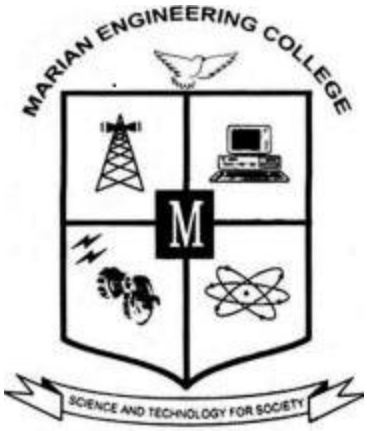

CERTIFICATE

This is to certify that the project report named **"ACCIDENT PREVENTION AND SECURITY SYSTEM FOR AUTOMOBILES"** is bonafide record of seminar work done by **ABHIJITH V, AMALA M VIJAY, DAVID JOHNSON, ELIZABETH JACOB** during the year 2012 in partial fulfillment of the requirement for the award of the Degree of Bachelor of Technology in Electronics and Communication Engineering of the University of Kerala, through Marian Engineering College, Trivandrum.

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ABSTRACT

The population of our country is increasing rapidly, which indirectly increases the vehicle density and leading to many road accidents. One of the many reasons for increased road accidents is drunken driving. Driving while either intoxicated or drunk is dangerous and drivers with high blood alcohol content or concentration (BAC) are at greatly increased risk of car accidents, highway injuries and vehicular deaths. Every single injury and death caused by drunk driving is totally preventable. Although the proportion of crashes that are alcohol-related has dropped dramatically in recent decades, there are still far too many such preventable accidents. Unfortunately, in spite of great progress, alcohol-impaired driving remains a serious national problem that tragically affects many victims annually.

Use of mobile phones while driving is another major cause for increased accident rate as it reduces the concentration. Even though strict rules are prevailing against this problem, the public tend to disobey them.

Carbon monoxide poisoning is also a major issue nowadays. An idling car produces CO which is dangerous in close confines nausea, dizziness and even death. Immediate medical attention is vital after an accident. But due to negligence from the bystanders or if the accident occurs in the remote areas, this is not possible. Our project deals with such issues and notifies the nearest medical center.

This project aims to minimize the road accidents which cause the loss of invaluable human lives and other valuable goods. The project also helps to know the position of the vehicle if it gets stolen and hence ensures the security of vehicle.

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