

FINAL YEAR PROJECT REPORT

# **ERROR FREE ACCIDENT IDENTIFICATION AND INFORMATION SYSTEM**



*Submitted by*

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## **DEDICATION**

This project is dedicated to our Parents who have never failed in providing us financial and moral support, and for teaching us that even the largest task can be accomplished if undertaken with determination.

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## **ABSTRACT**

No system can automatically tell us the location of a road accident, when it occurs on the road. We can use GSM and GPS systems to identify the location of the accident and send this information to the rescue service.

Ambition of this plan is to discover the accident spot and inform it to rescue department through the GPS and GSM networks. Global Positioning System is used to hint the position of the vehicle and Global System for Mobiles launch cellular linkage. To increase the reliability of this project we can use Thuraya/DMR module so that the communication can be done from remote areas.

The information of the car accident can also be sent to any car passing nearby provided it has a similar device fitted with in it. This communication will be done using zig-bee. With the help of this communication setup the information of the accident can be made to spread fast and further accidents can be avoided.