

CHAPTER 1

INTRODUCTION

In this proposed embedded automobile security system, with the advent of the technology we are marching towards the era of highest sophistication, ease and safety. Even though the safety and security being the top most on the requirement list we miss out on minute things. The technology is a daily need for today's life. In the advent of the transportation system growing faster i.e. the mode of transportation has changed from day to day. In earlier days people used to travel by bullockarts or by walking from one place to another in which they used to take many days to travel now with the advancement of technology the speed at which we travel has increased and also the accident due to the speed in transportation. The accident due to this speed in transportation cannot be avoided due to many reasons but we propose this project to avoid the number of life losses due to the accidents using advanced technology of the GSM and GPS.

1.1 Problem Definition

In a normal scenario, whenever there is an accident on a road people either don't bother to see that or either do not notice the accident especially during night on a highway. And there are many more circumstances due to which the accidents are not noticed, one big reason for the accidents are not noticed or people fear to bring it to the notice of the police or the highway authorities due to the fear that they may keep calling us for reputed quires or for some other reasons. Due to this there is more number of lives lost.

1.2 Proposed Solution

To overcome this problem we propose making a device which will be able to send the location of the vehicle automatically and also the vehicle will be fitted with an impact sensing (that is accident sensing sensors) sensors. By this the impact on the vehicle can be monitored all the time. If the impact crosses a certain level that will be informed immediately to the number saved in the memory of the controller. By this few lives can be saved by taking necessary action to avoid the death of the people in the vehicles.