ABSTRACT

Accident identification using RF technology

Konda Sravya Banala Keerthana

GNITS GNITS

[kondasravya08@gmail.com](mailto:kondasravya08@gmail.com) [banalaKeerthana1997@gmail.com](mailto:banalaKeerthana1997@gmail.com)

Chikkulla Niharika

GNITS

[niharika4447@gmail.com](mailto:niharika4447@gmail.com)

Now a day’s technology is running with time, it completely occupied the lifestyle of human beings. The project aims in designing a system which is capable of detecting the accident and alerting through display and buzzer alarm system using wireless RF technology.

This project is to identify any accidents using wireless technology based on RF. When there is an accident occurred to the vehicle, and then the device in the vehicle will transmits the regarding information. The receiver will receive the information and switches an alarm, also shows visual display through LCD display along with the vehicle location.

The location will be sent from receiver to the microcontroller.

RF receivers were placed at the street lights. Whenever the accident occurred then nearest street light will receives the information and sends the information along with street light number.

This project consists of Microcontroller unit, LCD display, RF transmitter, RF receiver and a buzzer alarm system.