

EMERGENCY TRANSPORT SYSTEM

Selvaraj D¹ , Evangelin Darvia P² , Arunthathi M³

¹Professor, ^{2,3}UG Scholar, Department of ECE , Panimalar engineering college,
Poonamallee, Chennai.

mails2selvaraj@yahoo.com, evangelindarvia22@gmail.com, vickyarun1434@gmail.com

Our main aim is to avoid the use of a separate lane for emergency uses and to enhance the exigency transport in our country .The maintenance need for this method is very minimal. This technique composed of a PC fixed inside an ambulance along with a GSM device and an RF transmitter. When a patient is taken to a hospital through ambulance it is better to know about the shortest way to reach. Here the software installed in the PC acts likes a tom-tom device which report the driver about the nearer path and the time takes to reach the hospital. The main design of this paper is to clear the traffic in the chosen shortest path in advance. When the driver chooses the destination the system instantly informs the display boards that are placed in the nearer path to apprise the vehicles in that path that an ambulance is going to use the lane shortly. These display boards are placed in every traffic signal indicator or we can alert by establishing a new signal color(blue). The signal stations in the path are set to red color simultaneously to control the traffic flow. Then, if a vehicle uses the lane during the approach of the ambulance it will be alerted with a beep sound. If the driver further refrains from stopping the vehicle, a tracking server is used to track the vehicle's identity.

INDEX TERMS—Ambulance, Traffic, Emergency.