



Visvesvaraya Technological University, Belgaum.

A PROJECT REPORT ON:

SMART AMBULANCE

Under the Guidance of:

Prof. SUDHINA H. K.

B.E., M.Tech

PROJECT ASSOCIATES:

MADHURA BAILAPPAVAR	2RH05EC018
REENA JADHAV	2RH05EC029
RESHMA REVANKAR	2RH05EC031
DEEPA KONNUR	2RH06EC401



RURAL ENGINEERING COLLEGE

HULKOTI – 582 205

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ABSTRACT

1 [We have seen the ambulance, which produces the sound on its way to make all the vehicles to give way to the ambulance with out any traffic congetion.If we observe in real time all the ambulance face problem at tragffic lights.) If the red signal is present,all the vehicles are stopped usually.Under such circumstances, if the ambulance comes it can't be allowed to passed and the ambulance will get struck in between]Life of any person is precious and to save lifes,we planned to do a project to over come the above said problem by doing the project by name "*Smart ambulance*".

2 [In this project the path where the ambulance is passing that route will be made green and the other route will be made red signal .This project is facilitated with automatic door open as soon as the ambulance approaching the hospital gate.We can transmit the message for the requirement of saline and oxygen from the ambulance to hospital.]

3 [This project consists of 8051 microcontroller interfaced with the stepper motor to operate the gate. Where the traffic signal can be controlled with the help of RF whose frequency is about 40MHz].The technical aspects is explained in detail with the help of block diagram and circuits in the later chapters.