

# **“WIRELESS MICROCONTROLLER BASED BLACK BOX FOR CAR”**

**(Sponsored by K.S.C.S.T)**

*A project report submitted in partial fulfillment of the requirement for the  
award of the Degree of Bachelor of Engineering in Electronics &  
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Belgaum.*

## **SUBMITTED BY**

**ABHIJEET.V.SAVANT**

**2MM07EC059**

**VIDYASAGAR.S.PANCHAXARIMATH**

**2MM07EC052**

**SUNIL.R.LAMANI**

**2MM07EC045**

**DEEPIKA.V.SAVANT**

**2MM07EC405**

## **Under the Guidance of**

**Prof. R.M. Nilajkar**



**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**

**MARATHA MANDAL'S ENGINEERING COLLEGE**

**R.S.No.104, Halbhavi, Opp. Siddhaganga Oil Mills,**

**P.O. New Vantmuri, Via-Kakti, Belgaum-591113.**

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM.**

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## **ABSTRACT**

This project aims in safe guarding the life, prevention of accidents and to safe guard the car engine. This project is designed to cool the engine automatically, if the engine heat goes beyond the limit, this facility is provided for safety and increases the life span of the engine. The microcontroller scans the position of the car doors, if any door is not locked properly, the microcontroller senses and displays the particular door is not locked properly.

This helps a lot for safe journey. By chance accident occurs, the message will be transmitted through FM Tx and it is received with the help of FM Rx and displays the owner name and car number on the LCD screen in the home. This black box is facilitated with automatic low beam and high beam, depending on the light intensity of the opposite vehicle, the car light will be go lower beam, once the vehicle passes it automatically goes to higherbeam.