PROJECT REPORT ON

DESIGN AND DEVELOPMENT OF EMCIVU FOR MONITORING PERSONAL HEALTH AND CONTROLLING THE VEHICLE AND REMOTE INFORMATION SYSTEM ON DRIVE"

(Emergency Medical Care In Vehicle Unit)

In partial fulfillment of the requirements for the award of the degree of

BACHELOR OF ENGINEERING IN ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

MADHURI.B.M (4AI07EC043)

SUPRIYA.C.RAJU (4AI07EC103)

SUSHMITHA.M.R (4AI07EC104)

AMRUTA.S.EKBOTE (4AI08EC400)

UNDER THE GUIDANCE OF

Prof. N.P.SREENIVASA, B.E.,M.E.,LMISTE.
Head of the Department

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Adichunchanagiri Institute of Technology

(Affiliated to Visvesvaraya Technological University)

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ABSTRACT

The proposed use of IVU(in vehicle unit) with EMCS (Emergency Medical Care System) will alleviate the damage to life or save life by suggesting first aid and by admitting the patient to the nearest suitable hospital.

In vehicle unit consists of heart beat monitoring system and temperature sensing circuit, which continuously monitor heart beat and body temperature respectively .In case, if there is variation in any of the parameters, position parameters are collected through GPS and the switching circuit switches to GSM. Through GSM the position parameters are sent in the form of SMS to the medical staff of a nearby hospital. Meanwhile the micro controller slows down the speed of the vehicle, and the vehicle stops and finally the doors of the vehicle are opened automatically. The medical staff will send ambulance along with an emergency medical care and rescue team to the remote location. In usual cases, members of the public find the incident and report it, which is time consuming. By the usage of in vehicle unit this problem can be overcome.