

INTELLIGENT VEHICLE CONTROL USING WIRELESS IN TRANSPORTATION SYSTEM

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ABSTRACT

A Wireless access technology in vehicular environments has to the improvement of road safety and a reduction in the number of fatalities caused by road accidents. The aim of this project is to prevent accident. When the heart beat of the person is in abnormal condition or if the person driving the vehicle taken alcohol the Embedded system will activates the Vehicle control system that will slow down the Engine and park the vehicle in the nearby lane. This system consist of RFID reader and finger print sensor is used to prevent non-licensees from driving and therefore causing accidents. It can identify the person going to drive the vehicle is the owner of the vehicle or not. If emergency call button is pressed the Embedded system will activates the level converter and it will sends the SMS to the owner indicating the position of the vehicle. Vehicle will stops automatically after sensing the person has drunken. Theft detection is identify with automation. To implement with Safe driving and collision avoidance.

KEYWORDS: Vehicle Control, Wireless