

A

Report on

ALCOHOL SENSING AND ENGINE LOCKING SYSTEM

A report submitted for the partial fulfillment of the requirements for Mini Project of

BACHELOR OF TECHNOLOGY

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

MINI PROJECT

(ALCOHOL SENSING AND ENGINE LOCKING SYSTEM)

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ALCOHOL SENSING AND AUTOMATIC ENGINE LOCKING SYSTEM

ABSTRACT

The main purpose behind this project is “DRUNK DRIVING DETECTION”. Now a day’s many accidents happening because of the alcohol consumption of the driver or the person who is driving the car. The drunk driving is a major reason of accident in almost all countries all over the world. Alcohol detection in car project is designed for the safety of the people seating inside the car. This project should be installed inside the vehicle. In this project we have developed an automatic engine locking system. The input for the system is alcoholic breath. The controller waits for the output from alcohol sensor. Here a stimulating process activated using a dc motor through the freewheeling diode & complete process is under the supervision of an intelligent Atmega 328microcontroller. Even through efficient set up requirements have been adopted for the traditional methods, where in this process this could be a better idea of interesting the complete state of the art design into the system. Most of traditional systems are likely to be more dependent on the operator & it may fail due to various factors like battery life, power consumption as well as the unavoidable external disturbances. Thus drunk driving is a major reason of accidents in almost all countries all over the world. Alcohol detector in car project is designed for the safety of the people seating inside the car. If there are many traces of alcohol above the set limit then the engine will be locked by the system and at the same time the buzzer will on so, that we can avoids accidents.