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Report on

AUTOMATIC ENGINE LOCKING SYSTEM THROUGH ALCOHOL DETECTION

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

MINI PROJECT

(AUTOMATIC ENGINE LOCKING SYSTEM THROUGH ALCOHOL DETECTION)

BY

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AUTOMATIC ENGINE LOCKING SYSTEM THROUGH ALCOHOL DETECTION

ABSTRACT

The current scenario shows that the most of the road accidents are occurring due to drunk driving. The drivers who drink alcohol are not in a stable condition and so rash driving occurs on highway which can be risky to the lives of people on road. So, to reduce this problem we are going to implementation of an alcohol detection with engine locking for cars using the ultrasonic sensor and Arduino UNO as the MCU(master control unit). The system will continuously monitor level of alcohol concentration in alcohol detection sensor and thus turn off the engine of vehicle if the alcohol concentration is above there should level the model will also send the message of where about of the vehicle through SIM900A . The project provides an efficient solution to control accidents due to drunk driving.