

AN ARDUINO BASED SMART SYSTEM AND ACCIDENT PREVENTION SYSTEM USING EYE BLINK SENSOR

A PROJECT REPORT

Submitted by

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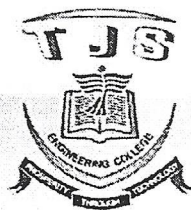
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of

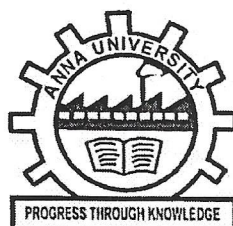
BACHELOR OF ENGINEERING

in

ELECTRONICS AND COMMUNICATION ENGINEERING



T.J.S. ENGINEERING COLLEGE, PERUVOYAL, CHENNAI



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BONAFIDE CERTIFICATE

Certified that this project report "AN ARDUINO BASED SMART SYSTEM AND ACCIDENT PREVENTION SYSTEM USING EYE BLINK SENSOR" is the bonafide work of the following students

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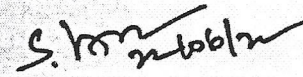

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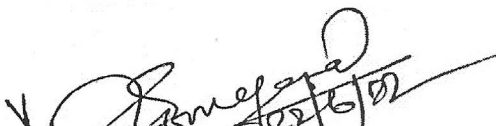
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INTERNAL EXAMINER


EXTERNAL EXAMINER




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ABSTRACT

Now a days One of the most common causes of road accident is less conscious driving. When running by less conscious and drowsy we cannot take care of our own this causes accident . When we do all the vehicles with an automated safety system that provides the driver with a high degree of protection. This machine has an eye blinking sensor. Once the driver starts the engine, the sensors automatically detects the blink of the eye . In this device sensor outputs are given for comparison to the ARDUINO. If the value hits a set level,the buzzer sound automatically starts and next level a slight vibrator will be triggered . And the vehicle will slow down vehicle will be parked alongside of the road so that there will be no accidents occurring.



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