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VISVESVARAYA TECHNOLOGICAL UNIVERSITY,BELAGAVI-590 018

A MICRO PROJECT REPORT ON

"Automatic overspeed detector"

Submitted By,

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DEPARTMENT OF BASIC SCIENCES

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

MOODBIDRI-574225, KARNATAKA

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DEPARTMENT OF BASIC SCIENCES

CERTIFICATE

This is to certify that the Micro-Project entitled **"Automatic overspeed detector"** has been Successfully Completed by

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The bonafide students of **Department of Basic Sciences, Alva's Institute of Engineering and Technology,** affiliated to VISVESVARAYA **TECHNOLOGICAL UNIVERSITY, BELAGAVI,** during the academic year 2020–2021. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The report has been approved as it satisfies the academic requirements in respect of Micro-Project work prescribed for Bachelor of Engineering.

Mr. Arjun S Rao
Mini Project Guide

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ABSTRACT

In this project we developed a prototype sleek hand held device that can be operated by the traffic official whenever he observes an over speeding vehicle, to obtain the correct speed of the vehicle. It has a 2 digit 7-segment display, which can display speeds up to 97km/h. It also has two switches, which are used for starting the device and for enabling it only when required. The state of the device is indicted by three status indicating LEDs which display the following conditions: a green LED indicating power on, an orange LED indicating the set or enabled condition, and a red LED indicating speeds in excess of 100 km/h.