A Short Technical Report towards A6024 – PR (P) Course

# AUTOMATED SPEED LIMITING SYSTEM IN DIFFERENT ZONES

Submitted in the Partial Fulfillment of the

Requirements

For the Award of the Degree of

**BACHELOR OF TECHNOLOGY**

**IN**

**ELECTRONICS AND COMMUNICATION ENGINEERING**

### Submitted By

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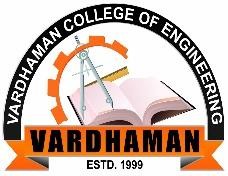
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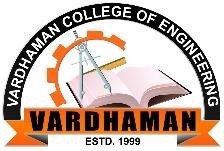
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**CERTIFICATE**

This is to certify that the short technical report work entitled **“AUTOMATIC SPEED LIMITING SYSTEM IN DIFFERENT ZONES”** carried out by Ms. B. SATHWIKA, Roll Number **20881A04J6**, ESHITA PATEL, Roll Number **20881A04K2**, Mr. G.MUKESH, Roll Number **20881A04K8**, Mr. K. SAIMANISH, Roll Number **20881A04L4,** Mr. M.HEMANTH REDDY, Roll Number **20881A04M0** towards **A6024 – PR** course and submitted to the Department of Electronics and Communication Engineering, in partial fulfillment of the requirements for the award of degree of **Bachelor of Technology** in **Electronics and Communication Engineering** during the year 2020-21.

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**ABSTRACT:**

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# ABSTRACT

As we all know that, the speed thrills but kills. Here is the reason why the no of accidents not only in India but all over the country has been increased as the no of vehicles are increased with increasing quality of engines (C.C). The rate of accidental deaths per lakh population stood at 27.7 in 2020, down from 31.4 the previous year. India recorded 3,54,796 cases of road accidents during 2020 in which 1,33,201 people died and 3,35,201 were injured. This is the huge number which cannot be neglected.

Here is where our project to help to reduce the number of road accidents has come into the picture. Automatic Speed Controlling System in different zones – this system is a combination of Arduino, GPS modules. This device is kept inside the vehicle near the speed calculating device. It checks the speed of the vehicle in the respected speed limited zone, if the limit exceeds then it takes control of the speed in that particular zone limit and the speed does not exceed even the acceleration the vehicles is increased. By this the over speeding of the vehicles reduces .as the over speed is the one of the main causes for accidents, so if the speed is controlled then the number of the accidents are controlled.

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## ABBREVATIONS

|  |  |
| --- | --- |
| **Abbreviation** | **Expansion** |
| **GPS** | **Global Positioning system** |

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