

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

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A Project Report on

“TRAFFIC AND DRIVE MONITORING SYSTEM”

Submitted in the partial fulfillment of the requirements for the degree of

Bachelor of Engineering in Computer Science & Engineering

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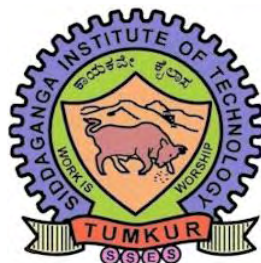
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Abstract

With the increasing number of roadways and vehicles on them the risk and probability of roadway related accidents have also increased. The number of vehicles on the road is increasing by thousands every year. Consequently the number of vehicular accidents have also gone up. There are multiple instances of accidents related news every day. In lieu of this, road safety measures and agendas have also been enforced and implanted.

The Traffic and Drive Monitoring System is in essence a safety system that warns the driver of a vehicle of the dangers on the road with the use of electronic sensors. The system is an economic safety measure that can be deployed in any kind of vehicle. The safety features include the warning system for over speeding, lane indiscipline, imminent collision detection, and vehicular health monitoring. The primary aim has been to help create better roadways for the drivers themselves and those around them.

With the advancement of computers and their usages it is time we make use of their computer powers in road sectors too. Almost everything these days come equipped with electronics embedded in them and they can be effectively be used to create roadways that are safer and less prone to accidents.