

Vehicle Speed Limit Controller at Restricted Zones

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Abstract: *The principal aim of the project is to reduce vehicle accidents due to over speed near school zone areas. The main aim of this project is to enhance safety by limiting the speed through automated controls. In this the speed limit is send through the transmitter Rf module to receiver Rf module according to that speed limit vehicles should be controlled automatically. the main merit of this project is to reduce reckless driving and accidents by limiting vehicles speed based on locations such as near schools. This project is Developed to control the speed of the vehicle, when it crosses hospital. in front of hospital zone roads a Rf is placed. A RF component is connected is the vehicle. the signal from the component is given to the microcontroller through a driver Section. the vehicle motor is driven by DC power supply. when the RF Component senses the signal from transmitter, it sends Signal to the microcontroller. Immediately controls the driver section to control the speed of the motor therefore when the vehicle crosses the hospitals, the speed of the vehicle will be automatically decreased. This will prevent unnecessary accidents...*

Keywords: vehicle accidents

