**SIGNS WITH SMART CONNECTIVITY AND BETTER ROAD SAFETY**

Abstract

IOT is influencing our lifestyle from the way we react to the way we behave and it conceptualizes the idea of remotely connecting and monitoring the real-world objects through the internet. Road accident nowadays has become a national catastrophe for over populated developing countries.one of the main cause of accident in the sensitive public zones like school, college, hospitals etc. and the sharp turning points is the over speed of vehicles avoiding the speed limit indicated in the traffic sign board. Drivers endanger the lives of passengers, pedestrians and fellow drivers not limiting their vehicle speed in these sensitive public zones. The main objective of this project is to operate the vehicles in s safe speed at critical zones & bad weathers minimizing the possible risk of unwitting accidents, traffic and casualties. This project paves a system to alert the driver about the speed of the vehicle in sensitive public zones and if need any diversion at that place without any interference of the drivers. The system operates in such way that the accident information is passed to the vehicles entering the same zone to take diversion to avoid traffic congestion. This project is sub divided into three parts. These are weather monitoring display, warning and service alert display, diversion sign display. The controls are taken automatically by the use of a wireless local area network. Weather conditions can be monitored through open weather app. With the help of G-map we will indicate the sensitive zone. Let’s analyze the diversion area with the help of AI camera.

