# Wireless technology Base Vehicle Identification and SMS Sending for Fault Occurring

**ABSTRACT**

While driving on highways, motorist should not exceed the maximum speed limit permitted for their vehicle. However, accident keep occurring due to speed violations since the driver tend to ignore their speedometers. Now a days in 21st century traffic on the highways (roads) is so high that traffic police fails to trap the driver of the vehicle who violates the speed limitations.

There are various methods available for speed measurement of vehicles. But these methods only displays the speed only for the driver of the vehicle either in analog or digital form out of which digital form is advanced one which gives correct value of speed. Therefore we include digital speedometers in our project to maintain the accuracy.

This speedometer will come handy for highway traffic police as it will provide the speed of the vehicle along with its identity. It also sounds an alarm if the vehicle exceeds the permissible speed. Our design is able to display the speed to the user and at the same time it also transmits the speed in digital form by using radio frequency to nearest receiving monitoring station which will take necessary action.

Block Diagram :