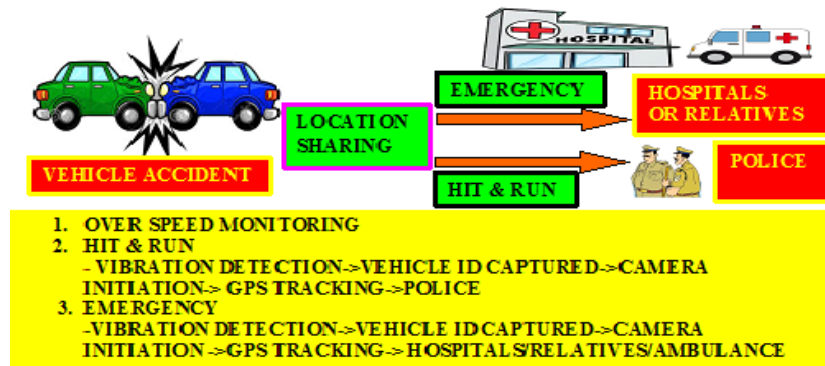


EMERGENCY ASSISTANCE SYSTEM USING IoT

This project was developed to sound emergency alert after a road mishap. If the vehicle with vibration sensor meets an accident, the vibration sensor will automatically generate an alert to control room, police and ambulance service for particular geographical location of the vehicle. The location of the accident will be tracked by the GPS.

The dashboard of the vehicle will have a camera, which will capture image of the accused in case of a hit or some incident. A speedometer-attached equipment in the vehicle will send information in case of over speeding, directly to control room, which will then generate e-challan automatically and thus save efforts of official machinery.

Model of the entire system



The Merits are

- Accurate vehicle speed estimation to support pervasive vehicular applications.
- Less time consumption in taking emergency assistance.
- Efficient and reliable in sending notifications.
- Saves efforts to official machinery.

This project won the award “2nd Runner – with the case prize of Rs. 50,000” in “Smart India Hackathon - 2017” organized by Ministry of Road Transport and Highways, Government of India conducted from 1st April to 2nd April 2017 at Shri Ramdeobaba College of Engineering and Management, Nagpur,(M.S) (India)



Photo: Divisional Commissioner “Mr. Anoop Kumar” awarded the cheque to the Runners - VS.Padmini Kumari, S.Keshni, R.Jothi Praveena, J.Thirupura Sundari, S.Prithiba & S.Poornima of III Year CSE.