

## ACCIDENT PREVENTION SYSTEM USING IOT TECHNOLOGY

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This project module is used to design an vehicle system which reduces the number of accidents and also enhancing the security of vehicles and human beings and position when a accident occurs using the GSM/GPRS system. The system also contains seat belt sensor ,alcohol sensor, and a eye blink sensor. This method is an advanced version of speed detection, seat belt alarms system and it is placed in vehicles. A speed sensor, seat belt sensor and various sensors which senses various parameters of the vehicle is connected to a microcontroller which detects when the abnormal conditions occur or any accidents occur then sends text message, using GSM technology, to a police ambulance services and the drivers relatives. The text send to various authorities contains the details of the vehicle and its position.