**AUTOMATIC ENGINE LOCKING SYSTEM FOR DRUNKEN DRIVERS**

**AIM:**

The main aim of the project is to avoid drunk and drives.

**PURPOSE:**

As is needless to say, a majority of accidents, which occur, are due to drunk driving. As such, there is no effective mechanism to prevent this. Here we have designed an integrated system for the same purpose.

**BLOCK DIAGRAM:**

**MICRO**

**CONTROLLER**

**(AT89S52)**

**POWER SUPPLY**

**LCD DISPLAY**

 **BUZZER**

 **ALCOHOL SENSOR**

**MOTOR**

**VEHICLE IGNITION KEY**

**DESCRIPTION:**

The main objective of the proposed system is to avoid accident occurrence due to driver abnormal behavior. At the time of vehicle start , alcohol sensor will detects the alcohol consumption of the driver if the driver alcohol consumption is above 30mg means access for user is denied by locking of ignition. And if alcohol consumed is limited means the vehicle will be running and next the driver may meet accident so the vehicle is stopped and buzzer will blow.

**HARDWARE USED:**

* Microcontroller(AT89S52)
* Power supply
* Gas sensor
* Voice IC
* Motor

**SOFTWARE USED:**

* KEIL IDE
* ISP
* Embedded C
* Express PCB

**RESULT:**

Hence this prototype may be very much helpful in avoiding accidents the project will give favorable results even for real time automobile application too.