ABSTRACT

Components:

1. Arduino Uno

2. MQ3 sensor

3. LCD Display

4. EYE BLINK sensor

5. Bread board

The project main objective is to reduce accidents which are mainly caused by errors by the drivers. We are focusing on over speed , rash driving by recklessness of driver or drowsy driving and the drunken riding of vehicle.

HOW IT WORKS

• Monitors speed of vehicle

• Monitors driver face

• Examine the driver environment

• Collects data

• Analysis the data

• Give necessary caution messages and thereby stops vehicle in necessary condition

We will maintain certain limits for everything we are monitoring like speed , eye blinking and alcoholic levels in the air. Above those limits the action will take place.

Design Steps:

1. First of all, design the circuit diagram based the logic.

2. Gather the components which are required the project.

3. Make hard ware connections based on the circuit diagram.

4. Write the code in Arduino IDE and dump the code in Arduino Uno.

5. Observe the values in LCD display.