**MINI PROJECT – II**

**(2018-19)**

# Safe Vehicle Driving With Eye Aspect Ratio(SVDD)

# 

**SYNOPSIS**



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**About the Project:**

In this Project we mainly provide the facility to the people who are driving car at night what we gonna do in this project is that we make a device in which we use camera through which we detect the increasing ratio of the person eye who are driving the car in the ratio is continuously increases per minute then we start the siren in the car so that the person slow down the car and safe from any tragedy.

**Motivation:**

Our main motivation in this project is when we see in the daily news paper there are a lot of road accident are happening around us so to prevent road accident. We come across a good solution for the people to that we can minimize such activities.

**Future Prospects:**

By this project we can minimize the rate of accident occurs in year and this technique is also help in the future for safe driving and less accident.

**Requirements:**

**Software:**

1. Python
2. Open CV(module)
3. Firebase (Real Time database)

**Hardware:**

a) Arduino

b) 2 motor

c) Motor Drive module

d) Serial Communication