

# **3<sup>rd</sup> Year Project**

## **Person Recognition in** **Real Time Video**

### **Problem Statement:**

The main problem around us we can see is the 'population problem'. And directly or indirectly this is causing chaos or traffic in any one or the other place. This so called chaos may sometimes even lead to quarrel or even suffocation sometimes.

### **Tools or Technologies:**

- 1.) Python
- 2.) OpenCv
- 3.) TensorFlow
- 4.) Numpy
- 5.) Artificial Intelligence Algorithm & others

## **Overview and Solution:**

In solution to our problem we will build an AI and Machine Learning based model.

This model will help us to easily get the population (no. of persons) or traffic criteria in any real time video cam of any place. Also we will get the idea of which area is more or less populated or trafficked as compared to normal traffic.

In this model will allow user to upload any real time video and model will show us the traffic condition of the area in video. This model will also give suggestion for future about what should be the normal traffic in that area. Thus like wise using this model one can take on control of traffic and which will prevent various chaos and accidents.

And will also help to regulate traffic flow in that area.

### **Team Members:**

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