**Fire Detective System in python using opencv:**

* Fire is the most dangerous abnormal occurrence, because failure to control it at an early stage can lead to huge disasters, leading to human, ecological and economic losses.
* Inspired by the great potential of CNNs, we can detect fire from images or videos at an early stage.
* This project is used to make a fire detection system in python using a computer vision library called openCV.
* This detection system has the following three main features:

1. Detect fire in video sequence
2. Turn on the alarm with a warning.
3. Send email to fire engine services

* Here we used HSV color model.Once the fire is detected by the system,it will give a warning message through mail and give a alarm sound.
* Considering the fair fire detection accuracy of the model, it can be of assistance to disaster management teams in managing fire disasters on time, thus preventing huge losses.