FIRE DETECTION THROUGH PYTHON USING HAAR CASCADE FILES AND OPEN CV

ABSTRACT:

Fire detects using image processing. Here in this project I’m using open CV and python for fire

detection. I created a HAAR Cascade Classifier for fire detection using Open CV. It has trainer and

detector for train our own cascade classifier, HAAR Cascade is used to detect object for which it

has been trained. Lots of positive and negative image samples are need to train classifier. Training

of cascade classifier is complex and time consuming process.