## Experimentations and Result

The programming language used is python and the IDE used to run the program is Pycharm which is free and available online. The libraries which are installed for this project are OpenCV and numpy.

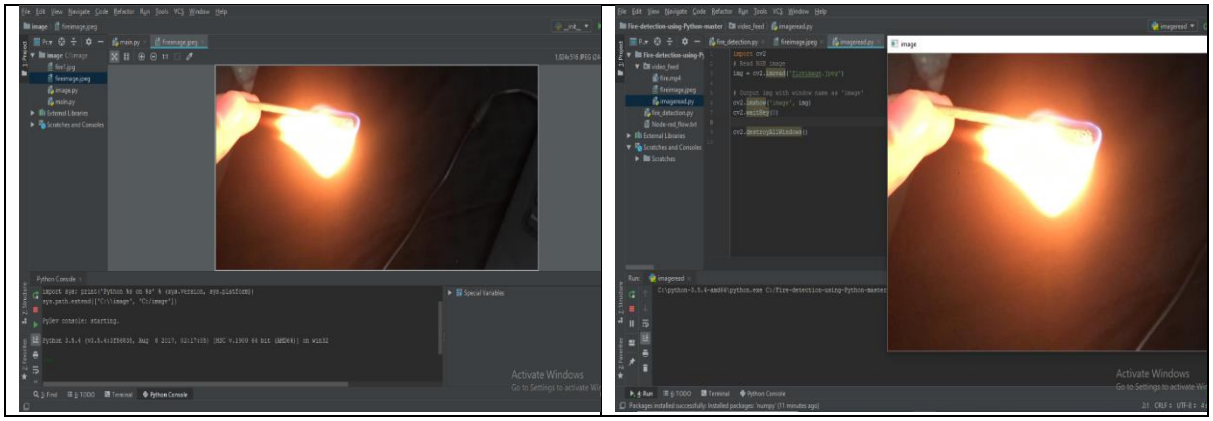

Figure 3,4: fire pattern

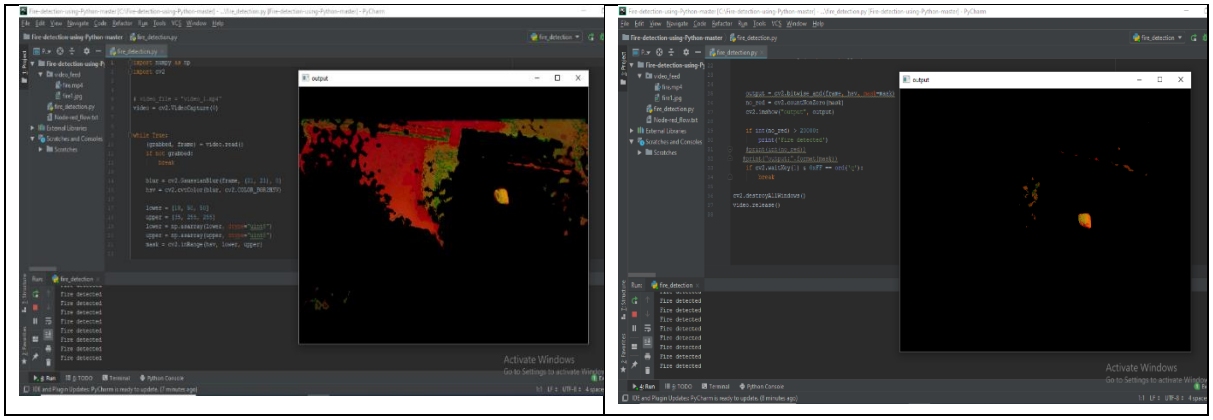

Figure 5,6: Execution of fire detection

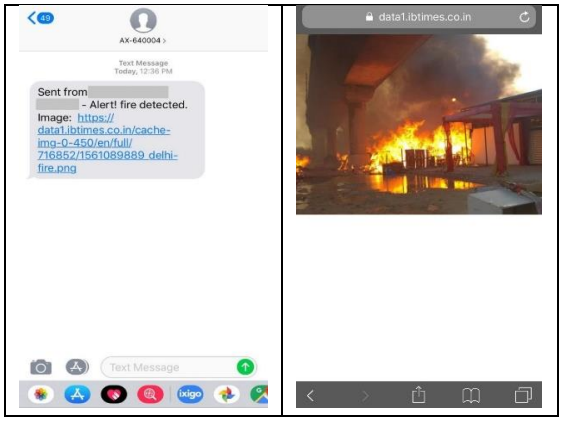


Figure 7,8: Screenshots of SMS alert

Image processing systems are progressively helpful in covering enormous regions for fire identification. To quantify the presentation of the proposed model, five recordings were gathered from Internet. Three of these recordings were genuine fire, and two were fire-shading objects. The proposed model flops for one video of fire-shading object. The program indicated fire distinguished for the four recordings.