**Problem Statement:**

**Forest fire detection using image processing**

* In this project, we have to design a system which helps detecting forest fires in early stage and help to avoid greater damage.
* It helps to automate the detection process instead of human monitoring in an efficient way and to conserve forest and natural resources.
* It reduces the difficulty of getting aerial images and manually processing it detect fire.
* It uses image processing to detect fire.
* We can use satellite images to process and compare the temperature pattern to detect images.
* Using image processing, we can detect and alert about forest fire and help extinguishing the fire without greater damage.