PROBLEM STATEMENT

Fire is one of the major concerns when analyzing the potential risks on buildings. To face undesired situations it is common to install fire safety systems in a way to prevent fire occurrence or to protect buildings against such events. Due to the fire industries mostly lose their resources and due to this most often people lose their life. Neither the industry nor the people who work there are not responsible for these situations. We have designed our system in a efficient manner that it detects flame and temperature and if any such is noticed exhaust fans are powered on.

OBJECTIVES:

Fire management system helps the industries to monitor the flame or gas that has happened.notifications will be generated if there is any sign of flame or rise in temperature. By this industries can easily know if any sign of disaster in their place.

* Based on the temperature readings and if any gases are present the exhaust fans are powered ON.
* If any flame is detected sprinklers will be switched ON automatically.
* The emergency alert are notified to the authorities and fire station.
* The alert can be updated to all the persons who are in the process.