

PROBLEM STATEMENT

BACKGROUND

Nowadays, fire accident causes a huge losses in both economically and human life's. Occurrence of natural disasters is unpredictable and needs very high attention. There is no effective precaution measure for an fire accident. Fire is one of the major concerns when analyzing the potential risks on the building. So effective postcautions make the fire accident losses to be smaller. The fires not only results only in huge loss of Lives and Property but also disrupt production in the industry. There are many causes of fire and explosion due to electrical hazards, exposed wiring, overloaded outlets, overloaded circuits, static discharge.

OBJECTIVE

To develop an Industry Specific Intelligent Fire Management System.

- The smart fire management system includes a Gas sensor, Flame sensor and temperature sensors to detect any changes in the environment.
- If any flame is detected the sprinklers will be switched on automatically to sprinkle the water.
- Emergency alerts are notified to the authorised owners and Fire station to take immediate postcautions.

