

# INDUSTRY FIRE SAFETY MANAGEMENT

## PROBLEM STATEMENT:

Industrial Fires and explosions cost companies and governments billions of rupees every year apart from the loss of life , which cannot be described in monetary terms .These fires not only results only in huge loss of lives and property but also disrupt production in the industry.

QUESTION	DESCRIPTION
Who does the problem affect?	Those who works in the industry, property owners and residential people.
What are the boundaries of the problem?	The boundaries are Workflow, geographic and organization growth.
What is the issue?	In industries, fire occurs due to various reasons and it lead to loss of life,financial loss and disrupt the production of industry and causes damages to the surrounding environment.
When does the issue occur?	The issue occurs while electrical faults, flammable gases ,fire prone articles , heavy equipped and electrical gadgets.
Where does the issue occurs?	It occurs in the industry where the fire protection equipment's are not maintained at regular intervals.
Why it is important that we fix the problem?	Industry fire is the major problems because no one knows when it occurs.
What methodology used to solve this issue?	IoT based system employed with temperature monitoring and using some sensors (temperature, gas and flame), automatic sprinklers and emergency alerts.