

Project Design Phase-I
Proposed Solution

Date	15 October 2022
Team ID	PNT2022TMID34718
Project Name	Industry-Specific Intelligent Fire Management System
Maximum Marks	2 Marks

Proposed Solution:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Developing an Industry-Specific Intelligent Fire Management System which, <ul style="list-style-type: none">• detects and manages fire with great accuracy.• alerts the workers, personnels and fire management department in a shorter period of time.
2.	Idea / Solution description	We develop an Industry-Specific Intelligent Fire Management System based on IOT(Internet of Things) technology and various sensors connected which detects fire with great accuracy. It alerts by alarms or sprinkling of water and notifies the workers, personnels and fire management department in a shorter period of time so that there are no losses of lives.

3.	Novelty / Uniqueness	The Industry-Specific Intelligent Fire Management System detects and manages fire with great accuracy and it notifies and alerts the Personnels and Fire management department of the industries within a shorter period of time.
4.	Social Impact / Customer Satisfaction	It will save the lives of workers and employees and minimises the loss of Infrastructure and machineries . It saves the industry from economically unfavourable circumstances.
5.	Business Model (Revenue Model)	<p>There are 2 ways to generate revenue from this project.</p> <ul style="list-style-type: none"> ● One is by helping the government and getting funds from it. ● Another one is by giving the information to the industries and making them aware of.
6.	Scalability of the Solution	It can detect and manage fire with great accuracy and it notifies and alerts the Personnels and Fire management department of the industries.