

Project Design Phase-I
Proposed Solution

Team ID	PNT2022TMID21836
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)	To provide an efficient Fire alert system , so that people can be notified and take immediate actions to avoid the effects of fire.
2.	Idea / Solution description	Solution is to monitor the leakage of fire in several locations using sensors such as Temperature sensors, will be integrated to monitor and predict the fire accidents before the incidents
3.	Novelty / Uniqueness	By using this we can prevent wokers/employees from fire accidents and avoid large scale machinery damages
4.	Social Impact / Customer Satisfaction	Using this system, we can monitor the presence of increase in temperature/fire leakage and take actions before the accident i.e., prevent the accident from occurring.
5.	Business Model (Revenue Model)	<ul style="list-style-type: none">• Cost efficiency• Highly secured
6.	Scalability of the Solution	High Scalability Provides by using different sensors such as Temperature sensor, Gas and flame sensor and usage of sprinkler based on type of fire accident.