

Project Design Phase-I Proposed Solution Template

Date	20 September 2022
Team ID	PNT2022TMID12796
Project Name	Project - Industry Specific Intelligent fire Management System
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	The main issues are unavailability of access for fire officers and poor roads. The inconsistencies are also related to the poor performance of the active and passive protection system, which in most cases fails to function in accordance with fire safety standards.
2.	Idea / Solution description	Don't overload electrical equipment or circuits. Don't leave temporary equipment plugged in when it's not in use. Avoid using extension cords, and never consider them permanent solutions. Use antistatic equipment where required by NFPA or OSHA.
3.	Novelty / Uniqueness	An integrated system of temperature monitoring, gas monitoring, fire detection and automatic sprinklers to obtain the accurate information about locations and response through SMS notification and call.
4.	Social Impact / Customer Satisfaction	Forecasting the mishap will notify the industry workers to migrate to better and safer buildings. Provides components with affordable prices and is highly feasible.
5.	Business Model (Revenue Model)	It is an industry-efficient product in all aspects. Provides a clear idea about the entire working mechanism of the system.
6.	Scalability of the Solution	This is complete system makes it easily expandable and business efficient for the fire detection, with the

		significant cost.
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