

**Project Design Phase-I**  
**Proposed Solution Template**

Date	19 September 2022
Team ID	PNT2022TMID27352
Project Name	Project – Industry Specific Intelligent Fire Extinguisher
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)	House combustion is one of the main concerns for builders, designers, and property residents. Singular sensors were used for a long time in the event of detection of a fire, but these sensors can not measure the amount of fire to alert the emergency response units.
2.	Idea / Solution description	This project proposes to establish a system that can detect fire and extinguish it in the shortest time subject to a few effective factors. In this case, the system aims to put out the fire before it spreads increasing the security of home, laboratory, office, factory and building that is important to human life.
3.	Novelty / Uniqueness	The uniqueness of our proposed project is the fire extinguisher system can find out the fire source by the proposed method and move to fire source to fight the fire using extinguisher.
4.	Social Impact / Customer Satisfaction	Our project helps save countless lives and has gone through a variety of changes to its design to further increase its efficiency and ability to put out a .
5.	Business Model (Revenue Model)	In order to gain a competitive market share, the companies operating in the market are involved in active innovation, by providing advanced fire detection systems.
6.	Scalability of the Solution	In compare to that fire extinguisher our fire fighting system is not too much costly. So it is more profitable.