



# Project Design Phase-I

## Proposed Solution

### Proposed Solution Template:

| S.No. | Parameters                               | Outcomes  |
|-------|--|---|
| 1.    | Problem Statement (Problem to be solved) | *Improving the Fire management and alert system in industries. And also providing a safe environment for the workers...   |
| 2.    | Idea / Solution description              | *Providing fire management and alert system in industries on IoT with fire detection and using some sensors (Gas sensor, flame sensor, temperature sensor).                   |
| 3.    | Novelty / Uniqueness                     | *An IoT system that is integrated with temperature sensor, gas sensor, flame sensor, exhaust fan ,water sprinkler and fire alert through SMS to the authority...              |
| 4.    | Social Impact / Customer Satisfaction    | *We can also able to reduce the damages caused by fire accidents in industries using this device by alerting everyone early....   |
| 5.    | Business Model (Revenue Model)           | *This product can be used in industries .This system can be used as a safety system in industries.<br>* High Efficient and Secure...  |
| 6.    | Scalability of the Solution              | *This project is trying to execute the method with the help of an IoT gadget which provides a safe environment for workers in industries.<br>*Easy to Install and Maintain... |