

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

Date	25 September 2022
Team ID	PNT2022TMID50270
Project Name	Project – Hazardous Area Monitoring for Industrial Plant Powered By IOT
Maximum Marks	2 Marks

Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	In our working environment such as home,office,or an industry,we are surrounded by various kind of electronic equipments which emit various types of radiation.A model project in this line will be good initiative.
2.	Idea / Solution description	Measurement parameters and specifications documented for each relevant hazard. Plans and documents for monitoring networks available and agreed with experts and relevant authorities.
3.	Novelty / Uniqueness	Data analysis, prediction and warning generation based on accepted scientific and technical methodologies. Data and warning products issued within international standards and protocols.
4.	Social Impact / Customer Satisfaction	Some of the social impacts of hazards are loss of life, injuries, physical and psychological health issues. It often considers the aspects of the individuals within the affected community. For instance,This was not due to deaths but because people migrated as a result of losing their homes.
5.	Business Model (Revenue Model)	The hazard control plan should include provisions to protect workers during nonroutine operations and foreseeable emergencies.
6.	Scalability of the Solution	Selecting an appropriate control method is not always easy. It often involves doing a risk assessment to evaluate and prioritize the hazards and risks. In addition, both "normal" and any potential or unusual situations must be studied.