

Project Design Phase-I

Proposed Solution Template

Date	11 October 2022
Team ID	PNT2022TMID16758
Project Name	Gas Leakage Monitoring And Alerting System
Maximum Marks	2 Marks

Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Monitoring and Detecting the gas leakage in industries at unmanned zone
2.	Idea / Solution description	Sensor which is used along with Arduino UNO detect the essence of gas in atmosphere of the industries and audible alarm sound is oned and automatically turn off the gas supply at the source when the gas detected and our solution also monitor the data and upload to the cloud regularly.
3.	Novelty / Uniqueness	We use advanced sensor called Monolithic sensor (MPS) Sensor .
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"> • Lost revenue and impact on finances • Brand value and reputation • Operational downtime
5.	Business Model (Revenue Model)	Gas leakage monitoring and alerting system is the most efficient and cost effective technology for producing large quantities of gas in the industries and it helps them to increase the business growth
6.	Scalability of the Solution	Our system is a reliable one and the installation is ease and the connectivity is well planned . It has extraordinary functionality .