

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
(AUTONOMOUS)

Date	8 th October 2022
Team ID	PNT2022TMID10014
Project Name	Project - IOT Gas Leakage Monitoring and Alerting System.
Maximum Marks	2 Marks

PROPOSED SOLUTION

S.No	Parameter	Description
1.	Problem Statement	<ul style="list-style-type: none">▪ Develop an efficient system & application that can monitor and alert the users.▪ If there is any leakage of gas in their surroundings so that they can work efficiently on major crises rather than worrying about monitoring the leakage of gas, this will indeed reduce the manpower of the industry and create a peaceful environment.
2.	Idea / Solution Description	<ul style="list-style-type: none">▪ This system helps the industries in monitoring the emission of harmful gases.▪ In Several areas, the gas sensors will be integrated to monitor the gas leakage.▪ If it any large gas leakage is detected the admins will be notified along with the location.

		<ul style="list-style-type: none"> ▪ In the web application admins can view the sensor parameters.
3.	Novelty / Uniqueness	<ul style="list-style-type: none"> ▪ Fastest alerts to the workers. ▪ User Friendly ▪ Cloud based application solution.
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"> ▪ Cost Efficient ▪ Easy installation and provide efficient results. ▪ Can work with irrespective of fear.
5.	Business Model (Revenue Model)	<ul style="list-style-type: none"> ▪ This system is advertised all over the platforms. Since it is economical, even helps small scale industries from disasters. ▪ As the product usage can be understood by everyone, it is easy for them to use in properly for their safest organization
6.	Scalability of the Solution	<ul style="list-style-type: none"> ▪ Since the product is efficient, it can be placed in many places of the industries. ▪ Even when gas leakage is more, the product sense the accurate values and alerts the workers effectively. ▪ Our solution can be integrated for further future use because the solution we have provided will be lay on the basic or initial stage of any upgraded version.