

**PROJECT PHASE -I****PROPOSED SOLUTION**

<b>TEAM ID</b>	PNT2022TMID27744
<b>PROJECT NAME</b>	HAZARDOUS AREA MONITORING FOR INDUSTRIAL PLANT POWERED BY IOT

**Proposed Solution:**

<b>S.NO</b>	<b>PARAMETER</b>	<b>DESCRIPTION</b>
1.	Problem Statement (Problem to be solved)	1)To ensure more safety to the people working in hazardous area. 2)To help them monitor and ensure safety to the place they visit inside the industry more confidently. 3)Improving the living standard by providing real time analysis.
2.	Idea /Solution description	1.Our product collects the data from different types of sensors and it sends the value to the main server. 2. The ultimate decision is to shield the workers from the hazard prone area and safeguard their lives using mobile application.
3.	Novelty /Uniqueness	1.It depends on IOT thus eliminating the need of physical work of the employees. 2. Online assistance providing in depth knowledge to manage hazardous waste.
4.	Social Impact / Customer Satisfaction	1.Awareness camps organized to teach the importance and advantages of the automation and IoT in the development of Hazardous area monitoring.
5.	Business Model (Revenue Model)	1.Hazardous area monitoring is an advanced and innovative way to keep the employees more safe and minimize the human efforts by real time analysis.
6.	Scalability of the solution	1Automatic adjustment is made feasible by integrating information such as gas and temperature monitoring.

		2. With the use of sensors, it has enabled workers to manage hazardous waste and leakage of gases.
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