

## **GAS LEAKAGE MONITORING & ALERTING SYSTEM FOR INDUSTRIES**

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<b>S.NO</b>	<b>TITLE OF PAPER</b>	<b>YEAR OF PUBLICATION</b>	<b>JOURNAL NAME(AUTHOR)</b>	<b>INTERFERENCE</b>
1	Sensor based gas leakage detector system.	2022	Neha Chourasia, Papiha Ajmire, Saurabh Shambharkar, Shraddha Khobragade, Sanket Bhajgaware, Shivani Janbandhu	1.The systems are often enhanced by adding an impact element which controls the gas leakage. 2. If it exceeds the required upper explosive level for the varied gases within the plant area.
2	A survey paper on gas leak detection using iot	2019	Manichandana,simrah ummeRuman,Harshavardhini Biderkota,Ms.Pr Anisha,Dr.B.V Ramana Murthy,And Mr.C Kishor Kumar	1.Large-scale implementation of iot devices promises to transform many aspects of the way we live. 2.System ensures a continuous monitoring of the gas levels.
3	Gas Leakage Detection and prediction using iot	2019	Nagabhushan Adiga,Meghana S.Naik,Avinash.B,Mamatha.G,Sadananda.L	1.Increased concentration of certain gases in the atmosphere can prove to be extremely dangerous 2.GSM module is used for making a call as well as sending text message
4	Gas Leakage detection and smart alerting system using iot	2018	Shital Imade,Priyanka Rajmanes,Aishwarya Gavali, prof.V.N.Nayakwadi.	1.System Can send the values to cloud server. 2.Smart alerting technique involving sending text message to the concerned authority and an ability performing data analytics on sensor readings
5	Automatic Gas Leakage Detection using iot	2020	Rajat Kumar Dwibedi,V.Vanitha, Sagar R D, P Phanisai,Ganjikunta Yeshwanth	1.It can detect the leakage Lpg and shut down the house's power supply automatically 2.MQ-2 sensor is highly sensitivity to propane.

