

Literature Survey

Project Name	Gas Leakage Monitoring & Alerting System For Industries
Team ID	PNT2022TMID40124

S. No	Project Name	Description	Author	Year	Reference
1.	Gas Leakage Detection and Smart Alerting and prediction using IoT	Gas Leakages in open or closed areas can prove to be dangerous and lethal. The traditional Gas Leakage Detector Systems though have great precision, fail to acknowledge a few factors in the field of alerting the people about the leakage.	Asmita Varma, Prabhakar S, Kayalvizli Jayavel	Feb-2017	https://ieeexplore.ieee.org/document/7972304/authors#authors
2.	Smart Gas Leakage Detection with Monitoring and Automatic Safety System	Since LPG is a highly hazardous and inflammable gas, we have also designed a safety system to with the help of IOT (Internet of Things) through mobile app, when any leakage occurs in LPG so that necessary safety can be taken to avoid an explosion.	S.M Zinnuraaain, Mahmudul Hasan, Md.Akramul Hakque, Mir Mohammad Nazmul Arefin	Mar-2019	https://ieeexplore.ieee.org/abstract/document/9032872/authors#authors
3.	LPG monitoring and leakage detection system	Liquefied Petroleum Gas (LPG) monitoring and leakage detection system. With the large demand and use of LPG, this system would be helpful to monitor the usage of LPG on a regular basis and to alert about any hazards that may occur due to LPG leakage.	Shruthi Unnikrishnan, Mohammed Razil, Joshua Benny, Shelvin Varghese	Mar-2017	https://ieeexplore.ieee.org/document/8300109/authors#authors
4.	Gas Leakage Detection System using IoT with integrated notifications using Pushbullet-A Review	Gas leaked is converted from Parts Per Million (PPM) to volts through the arduino IDE and results in notifying the user when the threshold limit is crossed. The user is alerted via an application for quick notification through the internet and also through a buzzer /LED for physical notification.	M Athish Subramanian , Naveen Selvam, S. Rajkumar, R Mahalakshmi, J Ramprabhakar	Jan-2020	https://ieeexplore.ieee.org/document/9171093/authors#authors
5.	IoT based Low-Cost Gas Leakage, Fire, and Temperature Detection System with	IoT (Internet of Things) is dominating all over the world for developing technology. It is another information industry following the computer, internet, and mobile connection. In modern society, we must ensure security for leading a comfortable life.	Sourav Debnath, Samin Ahmed, Suprio Das, Abdullah-Al	Nov-2020	https://ieeexplore.ieee.org/document/9333530/authors#authors

	Call Facilities	Nowadays, security has been affected by different types of matters. Gas leakage and fire incidents are considered among them. At present, there are many undesirable accidents from gas leakage and fire incidents.	Nahid, Anupam Kumar Bairagi		
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