LITERATURE SURVEY

S.NO	TITLE/YEAR	AUTHOR'S	TECHNIQUES	RESULT
1.	Gas Leakage Detection System using IoT /2020	M Athish Subramanian Naveen Selvam, Rajkumar S, R Mahalakshmi , J Ramprabhakar	This paper is idealized with an objective for detection of gas leakage using IoT and smart alert using push bullet for quick notifications to provide safety for residential and industrial sectors in a cheap and reliable way.	This paper choice of using a real time gas leakage monitoring and Sensing the output levels of gas has been clearly observed by the help of this system.
2	Gas Leakage Detection Based on IOT/2019	Suma V, Ramya R Shekar, Akshay Kumar A	In this system, the gas leakage is detected by MQ 5 sensor which is interfaced by Arduino, when the gas leakage is detected motor gets on and lights gets off with buzzer alarm and displaying alert message in LCD display.	This proposed system can be useful in marketing sectors like hotels, shop etc. The main intention of this work is to ensure safe and easier was gas leakage detection to avoid disasters that may occur due to negligence
3.	Gas Leakage Detection and Alert System using IoT/2019	Sayali Joshi, Shital Munjal, Prof. Uma B. Karanje	The main aim of this project is developing a system that can detect gas leakage. The main aim of this project is developing a system that can detect gas leakage.	GSM module is there to send immediate messages to the respective person regarding the gas leak. The main advantage of this system is that it off the regulator knob of the cylinder automatically when gas leakage detected.
4.	Gas leakage detection and smart alerting system using Iot/2018	Shital Imade, Priyanka Rajmanes, Aishwarya Gavali , Prof. V. N. Nayakwadi	The current major method of leak detection is the compensated volume balance method. This method essentially measures the "volume in" and subtracts the "volume out".	This system will be able to detect the gas in environment using the gas sensors. This will prevent form the major harmful problem.
5.	IOT Based Industrial Plant Safety Gas Leakage Detection System/2018	Ravi Kishore Kodali, Greeshma, R.N.V., Kusuma Priya Nimmanapalli, Yatish Krishna Yogi Borra	This system output the value of the respective gas concentrations in PPM via their analog output pin after proper calibration. IFTTT runs that applet and sends the message to the person concerned the message to the person concerned.	The proposed leakage detection with warning message to the single user can be reached out to send calls/SMS to multiple people and can also be linked directly to the fire station as well.