Literature Survey

TITLE	AUTHOR & YEAR	JOURNAL NAME	REMARKS
Smart Gas Leakage Detection with Monitoring and Automatic Safety System	Ms.Shinde Sayali P.1 , Ms. Chavan Sakshi S.2 , Ms. Dhas Snehal S.3	International Advanced Research Journal in Science, Engineering and Technology	The proposed system monitors and develops LPG gas leaks that detect air leaks and if it exceeds the safety level, it buzzer and sends notifications using mobile. This user is alerted to the dangers and unusual situations to perform the required activity.
GAS LEAKAGE DETECTION AND ALERTING SYSTEM FOR HOME AND INDUSTRY	aBeena Puthillath, bDevika Krishnan E K et al.,	IJCRT	The information of gas detection is send to the Arduino which act as the controller to analyze the presence of gas. This controller triggers the buzzer and LED is used for visual communication of danger. The buzzer gets activated

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Sensor based gas leakage detector System.	Neha Chourasia, 2Papiha Ajmire, et al., 2022	IJCRT	This technique wirelessly transfers alert notification to the user and therefore the user can easily connect the devices through a Smartphone from any location. It's utilized in wide selection of applications in present day society and introducing a vast scope to the longer term.
Efficient Gas Leakage Detection and Control System using GSM Module	A. Anurupa, M. Gunasekaran B. Et al.,	IJERT	This project aims to provide a design that has the ability to automatically detect, monitor, and control gas leakage. In this project, the faucet is triggered automatically after a gas leak is detected, stopping the leakage.

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Arduino based gas leakage detection system using IoT.	Pratiksha W, Smita W, Nikita H, Sonali W, Inamdar. S. A	IJIRT EXPLORE	Industries has started to automate daily routines like light, fans, setting the temperature. The main objective of the project is to build a Gas leakage detector this device will continuously monitor the level of gas present in the air.
Gas Leakage Detection and Prevention Kit Provision With IoT	Sugitha S, Monika A, et al.,& 2020	International Journal	The main objective is to propose the design and construction of a Gas Leakage Alert System based on the wi-fi. Gas sensors are used with the help of the ARDUINO UNO controller to detect gas leakages.

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Gas leakage detection and alerting system using IoT for home and Industrial safety	R.SUDHA ,S.ARUN PRASAD & 2020	IJCRT	Continuous area monitoring is done by the device. The user sees a warning once the Node MCU receives data from the gas sensor via an Android-based smart phone device.
Smart Gas Leakage Detection with Monitoring and Automatic Safety System	Ms.Shinde Sayali P.1 , Ms. Chavan Sakshi S.2 etal.,@ 2021	International Advanced Research Journal in Science, Engineering and Technology	The suggested system tracks and develops LPG gas leaks that identify air leaks, and if the threshold of safety is exceeded, it buzzes and sends mobile notifications. To complete the required action, this user is warned about potential risks.

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Gas Leakage monitoring and alerting system for Industries	Meteb Altaf, Alaa Menshawi, Ruba AI-Skate et al., & 2020	International Journal of Computer Science and Enginnering	This work modifies the existing safety model installed in industries and this system also be used in homes and business premises. Gas Detector where it can sound an alarm to operators in the area where the leak is occurring, giving them the opportunity to fix or leave.
Gas Leakage Monitoring System Using IOT	Jijusasikumar S , Kaviya K ,et al., 2021	International Research Journal on advanced Science Hub	The aim of this paper is to monitor and detect the gas leakage. The sensor is fixed in the cylinder used to detect gas leakage. During working if the gas leakage is sensed the lcd monitor displays a alert message and gives an alarm alert.