

# Literature Survey

TITLE	AUTHOR	PUBLICATION	INFERENCE
LPG monitoring and leakage detection system	S. Unnikrishnan, M. Razil	IEEE Conference-2017	The system will monitor the usage of LPG and alert about any hazards that may occur due to LPG leakage.
IOT based smart leakage detection and alert system	<u>Sejal Shah</u> , Aakash Parashar	ICAST-2021	The system use MQ6 gas sensor which is used to detect gas like <u>i-</u> <u>butane Hydrogen Methane smok</u> <u>e and Alcohol</u> It prevent accidental leakage in home and industry.
Gas Leakage Detection Based on IOT	Suma V, Ramya R Shekar, <u>Akshay Kumar</u>	IEEE Conference-2019	The aim of the paper is to present a new system automatically books a cylinder when the gas is about to empty is by sending a notification to the gas agency using <u>wifi</u> using Internet of Things approach. In addition to that sensor is used to detect gas leakage at home. If the gas leakage is sensed automatically it will send SMS to the user.
Smart Gas Leakage Detection with Monitoring and Automatic Safety System	S.M. <u>Zinnuraain</u> , Mahmudul Hasan, and Md. <u>Akramul Hakque</u> , and Mir Mohammad Nazmul Arefin	IEEE Conference-2019	The proposed system can be used in hospital in case of an LPG leakage and it can also be used commercial sectors such as shops, hotels etc.
LPG Gas Leakage Detection and Alert System	E. <u>Jebamalar Leavline</u> , D. Asir Antony Gnana Singh, B. <u>Abinava H. Deepika</u>	International Journal of Electronics Engineering Research-2017	Liquid petroleum gas (LPG) is highly inflammable and can burn even at some distance from the source of <u>leakage</u> . <u>this</u> paper presents a gas leakage alert system to detect the gas leakage and to alarm the people onboard.