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| **S.NO** | **PAPER TITLE** | **AUTHOR NAME** | **PUBLICATION YEAR** | **KNOWLEDGE GAINED** |
| **1** | Gas leakage detection and smart alerting system using IoT | Shital imade, Priyanka rajmanes, Aishwarya gavali | 2018 | In this paper IoT standards are used for developing the prevailing safety standards. It focuses on safety against leakage of hazardous gases |
| **2** | Internet of things(IoT) based gas leakage monitoring and alerting system with Mq-6 sensor | Rohan Chandra Pandey, Manish Verma, Lumesh Kumar Sahu, Saurabh deshmukh | 2018 | The aims and objectives are elaborated. IoT based gas leakage monitoring and alerting system is more efficient and cost effective compared to other existing solutions |
| **3** | IoT based gas leakage detection system with database logging, prediction and smart alerting | Chaitali bagwe, Vidya ghadi, Vinayshri Naik, Neha kunte | 2018 | Constant monitoring and detection of gas leakage and effective database management to get better outcome compared to existing systems |
| **4** | Gas leakage detection and smart alerting and prediction using IoT | Asmita varma, Prabhakar S, Kayalvizhi jayavel | 2017 | Safety has prioritized first and the system is built around that aim as the most important goal |
| **5** | Internet of things(IoT) based gas leakage monitoring and alerting with Mq-2 sensor | Rohan chandra  Pandey, Manish  Verma, Lumesh  kumar sahu | 2017 | Real time gas monitoring and leakage alerting system. The outputs were monitored and alert has been sent immediately |