**LITERATURE SURVEY**

**(Dhanya.U, Gurutheep.M, Dhraneshwaran.S, Ranjith.M)**

## 1. Chaitali Bagwe, Vidya Ghadi, Vinayshri Naik, NehaKunte2018. IoT-Based Gas Leakage Detection System with Database Logging, Prediction, and Smart Alerting. The system provides constant monitoring and detection of gas leakage along with storage of data in the database for predictions and analysis. The IoT components used help in making the system much more cost-effective in comparison with traditional Gas detector systems.

## 2. Asmita Varma, Prabhakar S, Kayalvizhi Jayavel 2017. Gas Leakage Detection and Smart Alerting and Prediction Using IoT. The proposed gas leakage detector is promising in the Field of safety.

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## 3. Rohan Chandra Pandey, Manish Verma, LumeshKumar Sahu 2017. Internet of Things (IoT) Based Gas Leakage Monitoring and Alerting System with MQ-2 Sensor. This paper’s choice of using real-time gas leakage monitoring and sensing the output levels of gas has been clearly observed by the help of this system.

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## 4. Rohan Chandra Pandey, Manish Verma, LumeshKumar Sahu, Saurabh Deshmukh 2018. Internet of Things(IoT) Based Gas Leakage Monitoring and Alerting SystemwithMq-6 Sensor. A discussion on how the aims and objectives are met is presented. An overall conclusion IOT-based toxic gas detector is it has become more efficient, more applicable to today’s applications, and smarter.

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## 5. Shital I made, Priyanka Rajmanes, Aishwarya Gavali 2018. Gas Leakage Detection and Smart Alerting System Using IoT.In this paper, we use IOT technology for enhancing the existing safety standards. While making this prototype has been bring a revolution in the field of safety against the leakage of harmful and toxic gases