**Literature Survey**

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| Date | 16 September 2022 |
| Team ID | PNT2022TMID54092 |
| Project Name | Gas leakage monitoring and alerting system for industries |
| Maximum Marks | 2m |

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| **S.No** | **Paper Title** | **Author Name** | **Publication**  **Year** | **Results** |
| 1. | Gas Leakage Detection and  Smart Alerting and Prediction Using IoT | Asmita Varma, Prabhakar S, KayalvizhiJayavel | 2017 | The proposed gas leakage detector is promising in the Field of safety. |
| 2. | IOT Based Gas Leakage  Detection System with  Database Prediction Logging and Smart Alerting | ChaitaliBagwe, VidyaGhadi, VinayshriNaik, Neha Kunte | 2018 | The system provides constant monitoring and detection of gas leakage along with storage of data in database for predictions  and analysis The IoT components used helps in making the system much more cost effective in comparison with traditional Gas detector systems. |
| 3. | 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 | 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. |
| 4. | Gas Leakage Detection and  Smart Alerting System Using lot | ShitalImade, Priyanka Rajmanes, AishwaryaGavali | 2018 | In this paper we use IOT technology for enhancing the existing safety standards. While making this prototype has been to bring a revolution in the field of safety against the leakage of harmful and toxic gases |
| 5. | Internet of Things (IOT) Based Gas Leakage Monitoring and Alerting System with MQ-2 Sensor | Rohan Chandra Pandey, Manish Verma, Lumesh Kumar Sahu | 2017 | 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. |
| 6. | Cloud Connected Smart Gas Leakage Detection And Safety Precaution System | Babuprasanth V | 2014 | This paper is using a device which offers a complete, low cost, powerful and user friendly way of real-time monitoring and remote control of gas leakages and prevention mechanisms in household and industrial areas. |