**Ideation Phase**

**Literature survey**

|  |  |
| --- | --- |
| **Date** | 26 September 2022 |
| **Team ID** | PNT2022TMID51469 |
| **Project Name** | Gas Leakage Monitoring &Alerting System For Industries |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S.NO | Paper Title | Author Name | Publication Year | Result |
| 1. | 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 |
| 2. | Gas Leakage Detection and  Smart Alerting and  Prediction Using IoT | Asmita Varma,  Prabhakar S,  Kayalvizhi  Jayavel | 2017 | The proposed gas leakage  detector is promising in the  Field of safety. |
| 3. | IOT Based Gas Leakage  Detection System with  Database Logging,  Prediction and Smart  Alerting | Chaitali Bagwe,  Vidya Ghadi,  Vinayshri Naik,  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 |
| 4. | 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. |
| 5. | Gas Leakage Detection and  Smart Alerting  System Using IoT | Shital Imade,  Priyanka  Rajmanes,  Aishwarya Gavali | 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 |