**Gas Leakage Monitoring and Alerting System**

**Literature Survey – 5**

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**Name:** IOT Based Industrial Plant Safety Gas Leakage Detection System

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**Summary:**

this project proposes a leakage detector which sends

the warning to the concerned people through SMS . This detector

senses the presence of harmful gases particularly, LPG, Methane

and Benzene. LPG and Methane gases catch fire easily resulting

in blasts. Benzene is carcinogen effecting the health of workers, if

inhaled in higher concentrations. Hence, detection of these gases

is essential.

**Merits:**

1. The gas leakage is detected by the sensors. Here,

MQ-6 sensor is used for sensing LPG concentrations in air,They can detect gas concentrations in the range of

200 to 10000 ppm and has very fast response time.

1. An SMS is sent to the concerned person through IFTTT

**De Merits:**

1. Output of these sensors is analog resistance.
2. The non-availability of a wifi module makes us inclined towards the internet throughout for receiving notifications.