**Gas Leakage Monitoring and Alerting System**

Literature Survey – 2

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**Name:** A Wireless Home Safety Gas Leakage Detection System

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**Summary:**

The device is intended for use in household safety where appliances and heaters that use natural gas and liquid petroleum gas (LPG) may be a source of risk. The system also can be used for other applications in the industry or plants that depend on LPG and natural gas in their operations.

**Merits:**

The working of the proposed system depends on detecting the change in concentration of any of the gases, which provides a flexibility in the system to detect any leakage of these gases that avoids false alarms.

**De Merits:**

The operation range of the wireless system was found to be working only around 22 m for indoor and 110 m for outdoor (open space).