

Gas Leakage Monitoring and Alerting System

Problem Statement

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Gas leakage leads to various accidents resulting into both financial loss as well as human injuries. In human's daily life, environment gives the most significant impact to their health issues.

Nowadays, the usage of the gas brings great problems in the domestic as well as working places. The inflammable gas such as LPG, which is excessively used in the house and at work places. The leakage of the gas causes destructible impact to the people.

So, by keeping it in the concept of the project we have determined to develop an examining system which find the leak of LPG gas and protects the work places by taken correct precaution at correct time.

The gas leakage monitoring and prevention system is proposed mainly to meet the safety standards and to avoid accidents because of gas leakage. An embedded system for hazardous gas detection has been implemented to detect the gas spillage. The gas sensors will detect hazardous gases either in domestic areas such as educational institutions, residential and industrial areas which avoids endangering of human lives.

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