GAS LEAKAGE MONITORING

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ALERTING SYSTEM FOR INDUSTRIES USING IOT

- This project helps the industries in monitoring the emission of harmful gases
- In several areas, the gas sensors will be integrated to monitor the gas leakage
- If in any area gas leakage is detected the admins will be notified along with the location
- In the web application, admins can view the sensor parameters.

LPG is that the abbreviation for liquefied petroleum gas.It's a non-renewable supply of energy. It is extracted from fossil oil and gas. The most compositions of LPG square measure Hydrocarbons containing three or four carbon atoms.LPG is extremely combustible and should thus be hold on off from sources of ignition and during a well-ventilated space, in order that any run will disperse safely. LPG vapors is heavier than air thus care ought to be taken throughout storage in order that any run won't sink to the bottom and find accumulated in a district that is low lying and tough to disperse. LPG gas is largely gas and alkane and it's scentless in its state of nature. The smell that we tend to notice once there's a run is really of a wholly totally different agent, referred to as alkyl radical Mercaptan. This substance is additional to the gas once it leaves the most storage terminals.

The main aim is to detect Gas leakage in Industries, home, hotels, schools and other domestic areas, and gives alert message to the surrounding people. Nowadays Gas sensors are being used globally in the field like safety, health, instrumentation etc.The software required for this project is PYTHON IDLE and the system required for this project is RAM-Minimum 4GB Processor-Min.Configuration OS-Windows/Linux/MAC.