



Koushik P
ECE

Manoj B N
ECE

Pavithra A
ECE

Raviraja
ECE

33

PROJECT

IOT-BASED SOLUTION FOR SMART GAS MONITORING



Considering the inherent safety risks that poses in laying gas pipelines to each house, we are forced to rely on LPG cylinders. Booking LPG cylinders through IVRS or online can also be quite troublesome for busy individuals, especially since it is difficult to accurately deduce the level consumed. Additionally, the landline telephones may not always be functional or clogged with too many calls. This project is a welcome relief to all these problems.

Features

- The weight of the cylinder is constantly monitored by the system. A notification is sent to the approved LPG agent as soon as the weight drops to the minimum limit.
- Any leakage of gas is also automatically detected and reported through an alarm