OBJECTIVE

• Advanced level gas sensors or gas monitoring systems help the manufacturers to procure accurate and real-time information regarding accidental gas leaks.

• The latest versions of gas sensors are powered with IoT concepts to create live alerts in case of a gas leak or toxic atmosphere.

• The problem of liquefied petroleum gas leaking has been so severe that it has caused serious harm, including the loss of life and property.

• It has becoming more common for gas cylinder explosions to result in deaths.

• The primary purpose of the effort is to create a system through a micro-controller with an alerting system for gas detection.

• In order for the user to make the appropriate decision, the microcontroller makes a decision and then sends an SMS warning message to a mobile phone.