

# GAS LEAKAGE DETECTOR WITH AUTO-POWER TRIP SYSTEM

## **Guide:**

Josmin Jose  
Assist. Professor

## **MEMBERS**

KIT19EC005 : AJU RAJ P

KIT19EC006 : AKHILA P

KIT19EC008 : AKSHAY K T

KIT19EC023 : MUHAMMED SHAKKIR T

# GAS LEAKAGE DETECTOR WITH AUTO-POWER TRIP SYSTEM

## **Phases :**

- Detects gas leakage.
- Disconnects power supply.

## **Working :**

- **Gas Detector Section :**
  - MQ-06 sensor's used to sense LPG.
  - When LPG is fed to semiconductor between two plates of MQ-06 leakage current is formed resulting in output voltage drop.
- **Control Unit :**
  - ATmega 328 microcontroller is used to control entire system.
- **Output Section :**
  - Alarm Indication
  - Light Indication