

**THIAGARAJAR COLLEGE OF ENGINEERING**

# **GAS LEAKAGE MONITORING SYSTEM**



## **Team Members:**

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- Raji Santhoshi T G – 19D070
- Laila B G – 19D043
- Durga Devi G – 19D117



# LITERATURE SURVEY

## 1. IOT based gas leakage monitoring system using FPGA:

- Journal of Xi'an University of Architecture and Technology.

### Authors:

- Amatul Munazza, Department of ECE, GITAM School of Technology, Bangalore, India.
- Rupu Tejaswi, Department of ECE, GITAM School of Technology, Bangalore, India.
- Tarun Kumar Reddy, Department of ECE, GITAM School of Technology, Bangalore, India.
- MRs. Saranga Mohan (Guide), Assistant Professor, Department of ECE, GITAM School of Technology, Bangalore, India.



# METHODOLOGY

Requirements



Analysis



Design



Coding



Testing



Presenting



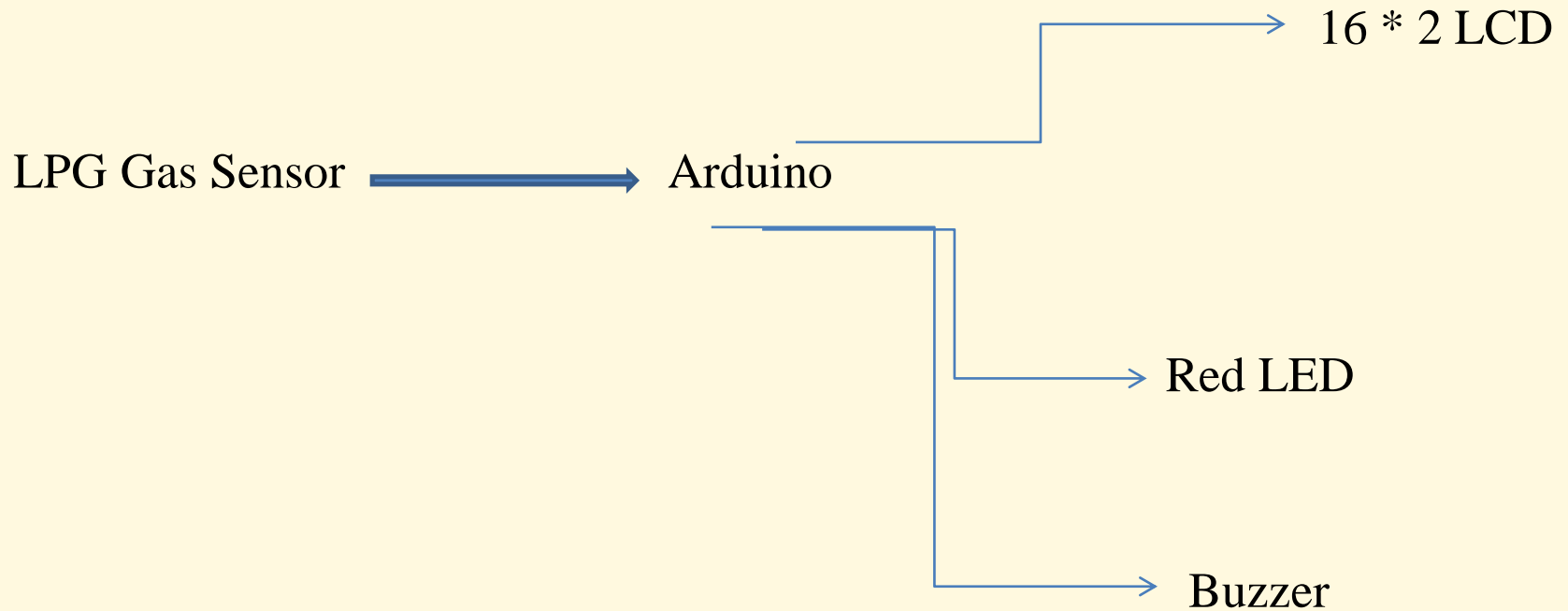
## **2. Sensor Based Gas Leakage Detector System:**

### **Author:**

- Mohammad Monirujjaman Khan
  - Department of Electrical and Computer Engineering, North South University.
  - Published : 14 November 2020



# METHODOLOGY





### **3. Efficient Gas Leakage Detection and Control System using GSM**

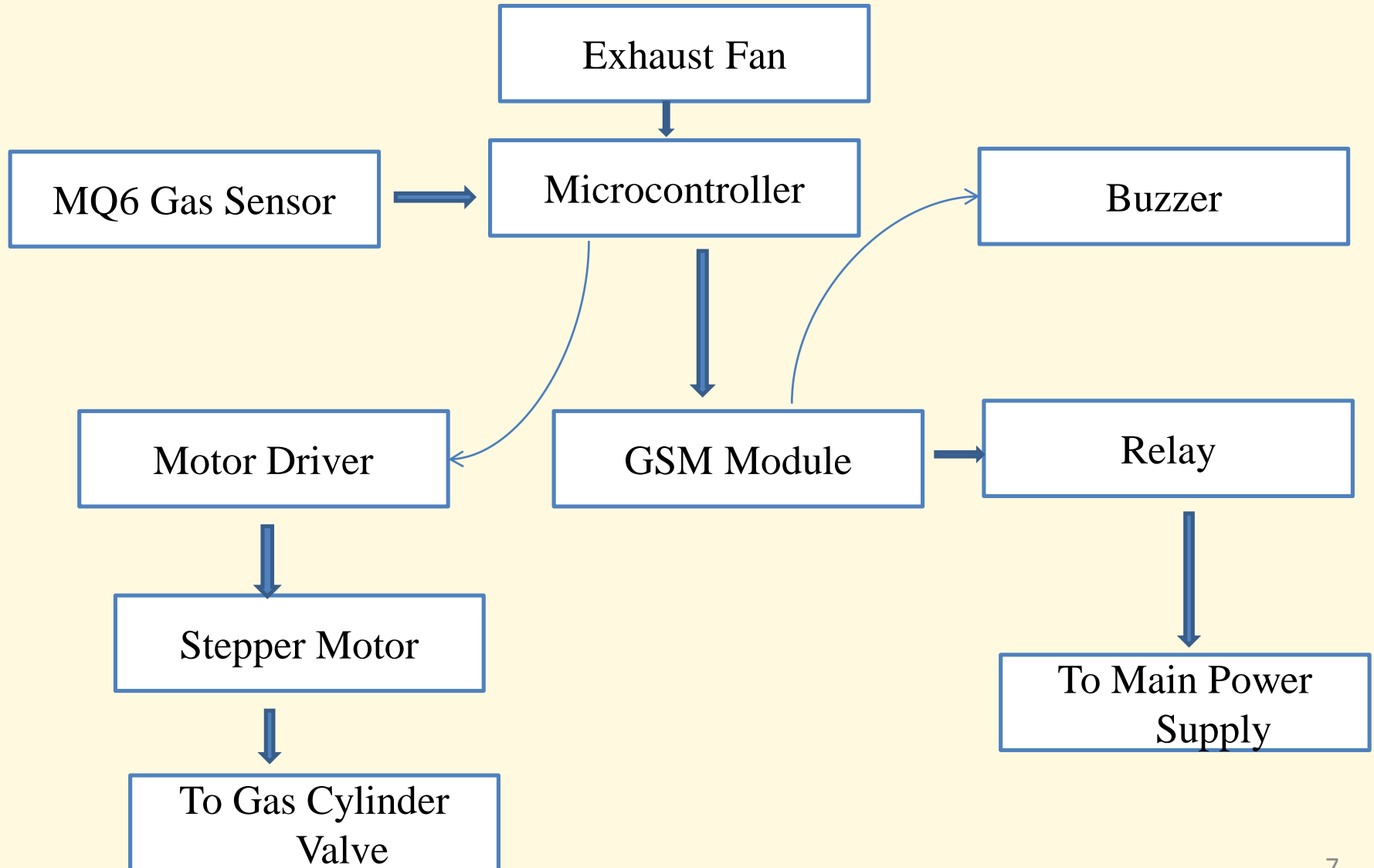
**Module:**

**Authors:**

- A. Anurupa, M. Gunasekaran, M. Amsaveni, Assistant Professor,  
Department of Electronics and Communication Engineering, RVS College  
of Engineering and Technology, Coimbatore, Tamilnadu, India.



# METHODOLOGY





## **4. Gas Leakage Detector and Monitoring System:**

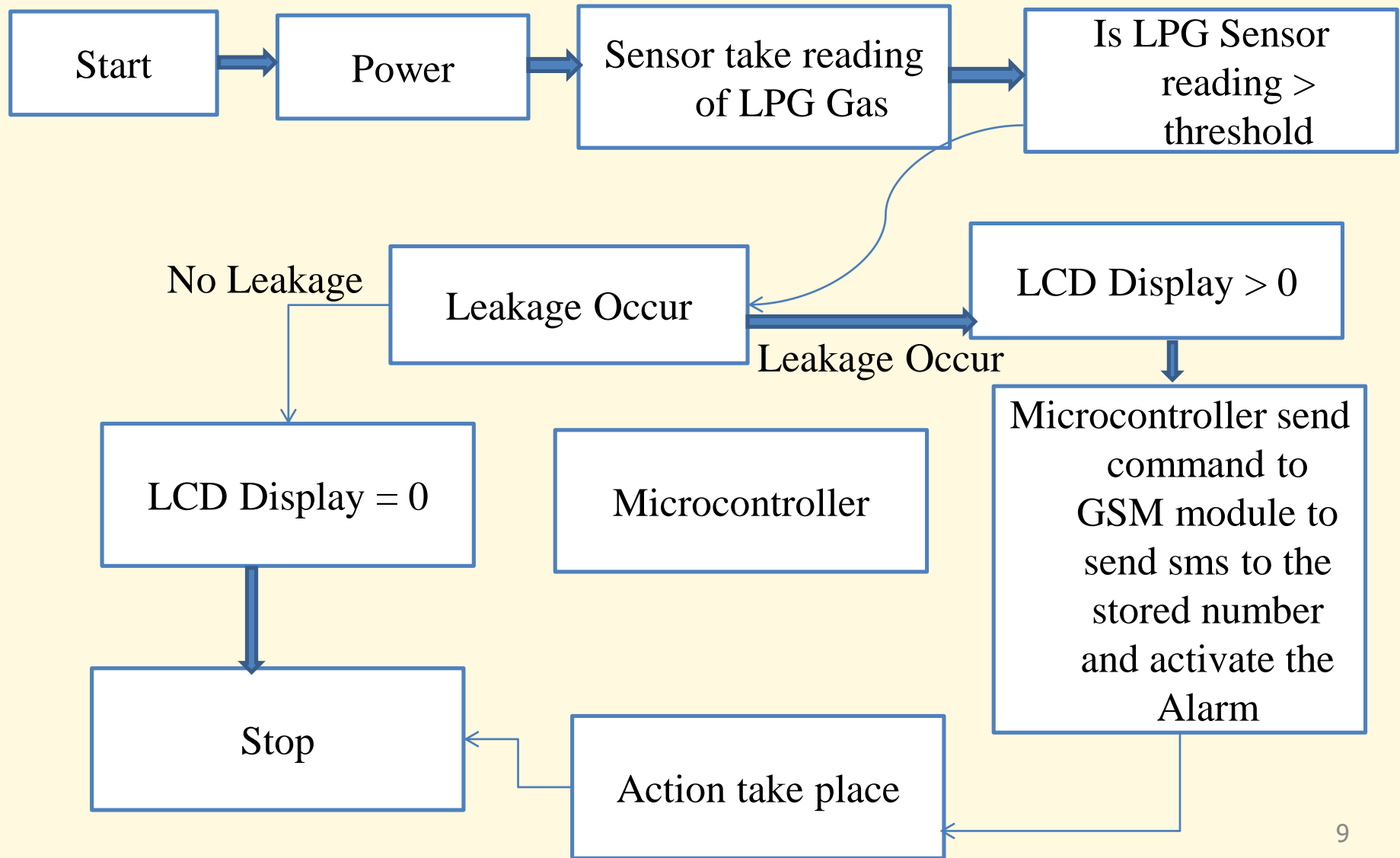
### **Authors:**

- Yekini N.
  - Yaba College of Technology, Lagos Nigeria.
- Adigun J.
  - Yaba College of Technology, Lagos Nigeria.
- Oloyede A.
  - Yaba College of Technology, Lagos Nigeria.
- Akinade O.
  - Yaba College of Technology, Lagos Nigeria.





# METHODOLOGY





## **5. Automatic Gas Leakage Detection using IOT**

### **Authors:**

- Rajat Kumar Dwibedi, V. Vanitha, R.D. Sagar, Ganjikunta Yeshwanth
  - Assistant Professor, Department of Electronics and Communication Engineering, Aarupadai Veedu Institute of Technology, Vinayaka Mission's Research Foundation, Chennai, India.



# METHODOLOGY

