

THIAGARAJAR COLLEGE OF ENGINEERING

GAS LEAKAGE MONITORING SYSTEM



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INTRODUCTION

- Gas leaks cause a variety of consequences, including financial loss and human life. The environment has a critical impact in human health issues in everyday life. Fire, suffocation and explosion risks are all determined by physical attributes like as flammability and toxicity.
- A gas leak can happen if a gas pipe is damaged or fitting is loose.





PROBLEM STATEMENT

- Gas leakage is a major problem in industries, residential premises and gas powered vehicles. The leakage if not detected may lead to explosion and cause severe damages to life and environment.
- Even a small amount of heat can fire up the gas and explode.
- The leaked gas needs to be ventilated and the leakage must be identified and service the fault immediately.

