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A PROJECT REPORT ON

INTELLIGENT GASEOUS FUEL LEAKAGE DETECTION WITH
ALERTING SYSTEM”
(Sponsored by KSCST)

submitted in partial fulfillment of the requirement for the award of degree

BACHELOR OF ENGINEERING
IN
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PROJECT GUIDE

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ABSTRACT

In this modernized world flammable gases are used in industries and in homes as power source and for domestic purpose. Because of human negligence or malfunctioning of system can cause leakage of gas and that leads to large disasters. To avoid such dangerous situation we are going design gaseous fuel leakage detection system. The system is designed using Embedded System and GSM technology. This control system is capable of detecting traces of gaseous fuel leaked over air. When there is any gas leakage, the sensor senses this leakage and automatically starts voice alerting. Simultaneously it sends the message to the authorized person that” The gas is leaking”. To control disaster it automatically switches ON the ventilation fan and opens all windows. By making some modification in the system it can be used for detection of fuel leakage in vehicle and other applications.