

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY
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A PROJECT REPORT ON

**“ALERTING LPG LEAKAGE THROUGH GSM
USING LPG SENSOR”**

**SUBMITTED IN PARTIAL FULLFILLMENT FOR THE AWARD OF
DEGREE OF**

**BACHELOR OF ENGINEERING IN ELECTRONICS AND
COMMUNICATION**

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ABSTRACT

Liquefied Petroleum Gas (LPG) is an inevitable one in day-to-day life. LPG is used as a fuel in a range of applications including in heating and cooking appliances, industrial applications, in vehicles and as a propellant and refrigerant. Due to leakage of LPG, it produces hazardous and toxic impact for human beings and also for other living creatures. To overcome this predicament, we need quittance. Thereby, we speculate some solutions to detect the LPG Gas leakage and make alert to the users who are using LPG Gas. In this project we are using LPG gas sensor MQ6 for sensing the leakage and produce the result in audio and visual formats also alerts human via Short Message Service (SMS). The sensor has excellent sensitivity combined with a quick requital time. The sensor has also sense iso-butane, propane and cigarette smoke. This project report provides design approach on both software and hardware.