

# Smoke Detector with Auto Exhaust and Dialer

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**Abstract:** *In the current generation fire accidents and LPG leakages are increasing in many sectors due to several issues, It may cause lot of property damages and leads to death. This is happening because of improper guidance about the issue and for not recognising the issue earlier and it takes few minutes to call fire department. In order to overcome all the issues mentioned above, here we are designed and implemented an intelligent "smoke detection system integrated with automatic exhauster and dialer". It helps us to intimate through ringing alarm and automatic call to fire, emergency department by sensing smoke. So that we can preplan and avoid the fire accidents without any loss.*

**Keywords:** Arduino UNO, GSM, Buzzer, Exhauster, MQ2 gas sensor, LCD12C

