ABSTRACT

ON

**FIRE ALARM USING NODE MCU**

1602-16-735-080

1602-16-735-089

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**APPRATUS USED**

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| --- | --- |
| 1 | ESP8266 Wi-Fi module with adapter |
| 1 | LM-35(Thermal sensor) |

In this project, we are going to make an IOT fire detection system in which the LM-35 temperature sensor will sense if there is fire nearby. If there is fire nearby,temperature is beyond certain point then we will connect the ESP8266 module to the cloud available on the net IFTTT Applet (if this then that) which we are going to use to send alert message to the registered mobile number.The alarm buzzer start making a beep sound till the fire stop.

IFTTT is simple to use. You download the mobile app (for Android here or for Apple's iOS here) create a free account and you're up and running with automations in minutes.

There are bewildering array of applets available, so IFTTT helpfully provides automation recommendations for new users to try. Its Collections groups together applets for different platforms – such as iOS, Android and voice assistants – and showcases everything from applets for news and weather services to home automation.

