

## ABSTRACT

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*Forest fires are one of the most common disasters occurring during the dry season. Fires contain a variety of potential hazards for humans, property and the environment. To overcome the problem of forest fires is necessary supervision and early detection of fire. Flame Sensor Module that has been integrated in LoRa / GPS HAT can be an alternative to solve the problem of fire. Flame Sensor Module is a sensor component that can detect fire and LoRa / GPS HAT is a hardware media data transmission communications using radio frequency. By connecting every device on a network then can be created a prototype fire detector.*

*Keywords: LoRa / GPS HAT, Flame Sensor Module.*