

Industry-specific intelligent fire management system

LITERATURE SURVEY

Team ID: PNT2022TMID17079

PAPER TITLE	AUTHOR	OBJECTIVE/OUTCOME
Design of Distributed Factory Fire Alarm Systems	Li Liu ;Yanke C I; Haosong chen 2020	The Distributed plant fire alarm system can quickly detect the fire and issues an alarm to reduce the damage caused by the fire. The fire alarm system is a control system that integrates signal detection,transmission , processing and control .It mainly complete the basic function of Fire ,smoke and temperature module monitering fire.
Safety Robot for Flammable Gas and Fire Detection using Multisensor Technology	Sandeep Prabhakaran; Mathan N	In case of fire accidents, the robot alerts the workstation and sends a mail to the firefighting department with the location read from the GPS module. As the robot works as an autonomous system, it does not need to becontrolled remotely. Hence this robot is based on the line following mechanism, it is quite easy to install and can cover a large area efficiently.

<p>GPS-based fire detection system (Global Positioning System) and SMS Gateway</p>	<p>A Aryanti, I Mekongga and R S Dewi</p>	<p>The benefits of this fire detection system can detect early fire occurrence based on the detection of temperature conditions by accommodating the nature of the fire and able to detect any rise in temperature caused by the existence of the fire. To realize the system, required sensors capable of reading the temperature and smoke.. At a temperature of > 35 C, the system will activate the DHT 11 and MQ 2 sensors that detect smoke > 50 ppm from a fire.</p>
<p>IoT based Low-Cost Gas Leakage, Fire, and Temperature Detection System with Call Facilities.</p>	<p>Abdullah-Al Nahid</p>	<p>Gas leakage and fire incidents are considered among them. At present, there are many undesirable accidents from gas leakage and fire incidents. One way to prevent accidents involving gas leakage and fire incident detection is to affix a gas leakage and fire incident detection device at adequate places. Indeed, when the gas leakage or fire incident occurs, then the temperature can be increased naturally.</p>

A smart fire detection system using iot technology with automatic water sprinkler	Hamood Alqourabah, Amgad Muneer, Suliman Mohamed Fati	House combustion is one of the main concerns for builders, designers, and property residents. Singular sensors were used for a long time in the event of detection of a fire, but these sensors cannot measure the amount of fire to alert the emergency response units
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