

TEAM ID	PNT022TMID37754
Project Name	INDUSTRY SPECIFIC INTELLIGENT FIRE MANAGEMENT SYSTEM

LITERATURE SURVEY -1

TITLE	AUTHOR	YEAR	ABSTRACT
An IOT Based Efficient Fire Supervision Monitoring and Alerting System	B Prabha	2019	This research work presents a new device capable of detecting fire and providing a warning to users. To monitor the integrated devices with several sensors and a cameras, the Raspberry Pi 3 has been used. The sensors continuously sense and actually begins to broadcast values over a Wi-Fi association to the online digital server. Whenever fire is sensed, the camera starts to record the image as well as the device starts to send the message with the affected spot images. Once the explosion is sensed by the fire transmitter, this will stimulate the smoke alarm and activate a sprinkler motor. For sensor information the database can be configured by the administrator and monitored anywhere.

LITERATURE SURVEY -2

TITLE	AUTHOR	YEAR	ABSTRACT
Ensemble Neural Network Classifier Design using Differential Evolution	Shobha, T., & Anandhi, R. J	2020	A Firefighting robot is an independent ground vehicle which should have two main functions, ability to detect fire and the ability to extinguish the fire.

LITERATURE SURVEY -3

TITLE	AUTHOR	YEAR	ABSTRACT
Ambient Intelligence and Humanized Computing	Kalaivanan & Saravanan	2021	The developed fire extinguisher robot can be operated in multiple modes using the DTMF and Bluetooth remote control as well as GSM and GPS technology.

LITERATURE SURVEY -4

TITLE	AUTHOR	YEAR	ABSTRACT
Traffic Surveillance Using Smart Drone	Mounica, B., & Sathya, N., & Likitha, R., & Meghana, C. A.,	2020	This project shows with IoT and other advanced technologies, improvements are also expected in emergency planning. Sensor and detector data along with other surveillance data can be combined with algorithms and analytics to help quickly prepare better emergency or evacuation plans.