

# Industry-specific intelligent fire management system

## LITERATURE SURVEY:

In this section Industry-specific intelligent fire management system are discussed.

1. Lakshmana Phaneendra Maguluri, Tumma Srinivasarao, Maganti Syamala, R. Ragupathy, N.J. Nalini, "EfficientSmart Emergency Response System for Fire Hazards using IoT", International Journal of Advanced Computer Science and Applications, Vol. 9, No. 1, 2018.

"An efficient smart emergency response system for fire hazards using IoT is explained in details which provide a quality public safety and security services to adopt leveraged data driven emergency response systems with urban IoT design standards."

2. MD Iftekharul Mobin, MD Abid-Ar-Rafi, MD Neamul Islam and MD Rifat Hasan, "An intelligent fire detection and mitigation system safe from fire (sff)", International journal of computer applications (0975 - 8887), volume133 - no.6, January 2016.

"An intelligent fire detection and mitigation system safe from fire (sff) is being specified in detail with proper safety system."

3. MS. Vidhy Khule, MS. Divya Dhagate and MS. Rajashree Kadam, "Design and Implementation of a fire detection and control system for automobiles using fuzzy logic", ISSN: 2277-9655, April, 2017.

"The design and Implementation of a fire detection and control system for automobiles using fuzzy logic is given with early detection and exact fire location detection using fuzzy logic."

4. Ionuț-Lucian Homeag, Radu Pârlog-Cristian and Mircea Covrig, "Efficiency increase for electrical fire detection and alarm systems through implementation of fuzzy expert systems", ISSN: 1454-234x, 2013.

"The efficiency increase for electrical fire detection and alarm systems through implementation of fuzzy expert systems is explained with high efficiency detection system."

5. Aiswarya Muralidharan and Fiji Joseph, “Fire Detection System Using Fuzzy Logic”, ISSN: 2277-9655, April, 2014.

“The fire detection system using fuzzy logic and data aggregation using fuzzy logic is elaborated in detail.”

6. Ms.Simmi Sharma, Diwankar Singh, Sanjay Singh Rathore and Paras Bansal, “Fire Detection System with GSM Using Arduino”, Imperial Journal of Interdisciplinary Research (IJIR), ISSN: 2454-1362, 2017.

“The Fire Detection System with GSM Using Arduino is explained which gives the approximation location of the fire.”

7. Li Da Xu, Wu He and Shancang Li, “Internet of Things in Industries: A Survey”, IEEE Transactions on Industrial Informatics, November 2014.

“Internet of Things in Industries: A Survey is given which tells about the latest IOT based technologies used by industries in today’s date.”

8. Chang-Su Ryu, “IoT-based Intelligent for Fire Emergency Response Systems”, International Journal of Smart Home, 2015.

“IoT-based Intelligent for Fire Emergency Response Systems explains the system designed using IOT for fire emergency response system.”

9. ZHANG Ying-cong, YU Jing, “A Study on the Fire IOT Development Strategy”, Procedia Engineering 52 (2013).

“A study on the fire IOT development strategy gives the analysis on the development and advantages of fire IOT in several aspects, such as logistics of fighting products, the supervision of fighting product quality, the monitoring of construction firefighting facilities, the maintenance of firefighting facilities, home firefighting safety, firefighting equipment’s etc.”

10. Vikshant Khanna, Rupinder Kaur Cheema, “Fire Detection Mechanism using Fuzzy Logic”, International Journal of Computer Applications (0975 – 8887), Volume 65– No.12, March 2013.

“Fire detection mechanism using fuzzy logic gives the improve accuracy of the detection system, as well as reduce the false alarm rate.”