Title	Year , Journal name	Author	Inferenece
Efficient fire detection for uncertain surveillance environment.	2019,IEEE Transactions on industrial informatics	Khan Muhammad et.al	CNN technology is used to interconnect all the IOT devices present in the area.By capturing the video the features are detected and tests are done.Cost efficient.
Intelligent Multi-Sensor Detection system for monitoring indoor building fires.	2021,IEEE Sensors Journal.	Jaeseung Baek et.al	The real fire data is collected from the developed sensing system is described.Then the collected sensor datas are used to analyze the performance of proposed fire detection algorithm in comparison to existing algorithm.
Smart performance-based design for building fire safety: Prediction of smoke motion via AI	2021, Journal of Building Engineering	Ling-chu Su et.al	The datas are noted from various fire scenarios, atrium volumes, and ventilation conditions.After the conduction of test the results are used to develop the AI for accurate smoke visibility. Cost of making is more.
Event Classification and Intensity Discrimination for Forest Fire Inference With IoT	2022, IEEE SENSORS JOURNAL.	Vishal K. Singh et.al	Fire index is considered by using 256 fuzzy rules focusing on temperature,humidity,smoke,wind speed.