PROJECT OBJECTIVE

PROJECT NAME	Industry Specific Intelligent Fire Management System
TEAM ID	PNT2022TMID20484
DATE	18 November2022

ABSTRACT

Fire prevention and protection in industrial plant basically include procedures for preventing, detecting and extinguishing fires. There is much to be done to promote safe systems for fire prevention in India. The systems should be designed to protect the employees and property and to assure safe working systems. Fire prevention and protection in any industrial plant include fire detection system, fire alarm system, fire prevention plan and employing legal requirements relevant to fire and safety management.Fire alarm systems have been around for a long time, but until recently, they were only capable of detecting fire and sounding an alarm. Modern smart fire alarm systems are equipped with a variety of features that can do everything from automatically ventilating the building to alerting you via text message when a fire is detected. To prevent fire accidents in the plant by reducing the fire hazard to minimum.The main objective of the project is to eliminate the fire accident which further leads to work stoppage and loss of

production.Fire dangers are the most hazardous of all because, if a fire breaks out in a building, it will not only destroy that portion but quickly spreads, possibly resulting in death. Though few fire incidents are avoidable and predicted early, the majority are not; thus, fire safety precautions are necessary.