

Team ID	PNT2022TMID34904
Project Name	Industry –Specific Intelligent Fire Management System

## PROJECT OBJECTIVE

The objective of the Industry Specific Fire Management System is to provide the early detection of fire. This project targets to turn on the sprinkler and turn on the alarm when any flame or gas is detected. The smart fire management system includes a Gas sensor, Flame sensor and temperature sensors to detect any changes in the environment. If the temperature value, gas value exceeded beyond a certain value or if any flame is detected the sprinklers will be turned on immediately and if the temperature value or the gas value is exceeded beyond a certain value, or if flame is detected alarm will be turned on. This project also provides a facility where the authorities and the management can monitor the temperature values, gas values and if any flame values through the mobile application.