

INDUSTRY – SPECIFIC INTELLIGENT FIRE MANAGEMENT SYSTEM

PROJECT OBJECTIVE

Team ID	PNT2022TMID53736
Project Name	Industry – Specific Intelligent Fire Management System

By the end of this project, We will:

- Gain knowledge of Watson IoT Platform.
- Connecting IoT devices to the Watson IoT platform and exchanging the sensor data.
- Gain knowledge on Cloudant DB
- Creating a Web Application through which the user interacts with the device

Project Flow:

- Sending random fire and temperature values will be sent to the IBM IoT platform
- Sensors values can be viewed in the Web Application
- Notifies the admin the random values cross the threshold value

To accomplish this, we have to complete all the activities and tasks listed below:

- Create and configure IBM Cloud Services
- Create IBM Watson IoT Platform
- Create a device & configure the IBM IoT Platform
- Create Node-RED service
- Create a database in Cloudant DB to store location data
- Develop a web Application using Node-RED Service
- Develop the web application using Node-RED
- Develop a python script to publish the location details to the IBM IoT platform