

# **APPLIED INDUSTRIAL INTERNET OF THINGS**

## **PROBLEM STATEMENT – 6:**

Develop an IoT-enabled Gas Leak and Fire Detection System using Raspberry Pi Pico for continuous safety monitoring. Implement instant alerts, focus on reliability and rapid response

**Explanation:** This project focuses on detecting gas leaks and fire hazards in real time using Raspberry Pi Pico and IoT connectivity. The system continuously monitors safety parameters and sends instant alerts to ensure quick response during emergencies. Its goal is to improve reliability, safety, and timely awareness in industrial or home environments