IoT-Based Smart Solutions Internship

Overview

The IoT-Based Smart Solutions Internship at Spizatech Electrifying Life Pvt. Ltd. offers hands-on training in developing real-world IoT applications. Designed for students, graduates, and professionals, this program focuses on building smart devices and automation systems using IoT technologies.

Objective

Participants learn to design and deploy IoT-based systems using microcontrollers like ESP32, sensors, communication protocols, and cloud platforms to enable data-driven decision-making.

Key Modules

- IoT Fundamentals & Architecture
- ESP32 Programming & Sensor Integration
- Wi-Fi & MQTT Communication
- Cloud Platforms: ThingSpeak, Blynk, Firebase
- Mobile App Integration
- Project work

Outcomes

Interns will develop complete IoT prototypes, integrate real-time data monitoring, and gain certification. The program prepares them for roles in IoT development, automation, and smart technology innovation.