



IoT Workshop – Full Day Schedule

Morning Session

- 9:00 AM – 9:15 AM → Registration & Welcome
 - 9:15 AM – 10:45 AM → Introduction to IoT & Real-Life Applications (with real-world case studies + future scope)
 - 10:45 AM – 11:00 AM → Tea / Coffee Break + Team Distribution for Midday Session
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Midday Session (Parallel Activities)

- 11:00 AM – 12:00 PM →
 - Group A → Project Showcases (RC Car, Drone, Gate Automation, Cyber IoT, etc.)
 - Group B → Simulation Projects (Smart Street Light + Weather Station)
 - 12:00 PM – 1:00 PM →
 - Group B → Project Showcases (RC Car, Drone, Gate Automation, Cyber IoT, etc.)
 - Group A → Simulation Projects (Smart Street Light + Weather Station)
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Lunch Break

- 1:00 PM – 2:00 PM → Lunch & Networking
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Afternoon Session (Hands-On Practical)

- 2:00 PM – 2:15 PM → Introduction to Hardware & Sensors (ESP8266, DHT11/DHT22, BMP280, Rain Sensor, Soil Moisture, MQ-135)
 - 2:15 PM – 2:45 PM → Wiring & Setup (Team-based)
 - 2:45 PM – 3:30 PM → Coding & Live Data Monitoring (Serial Monitor + Cloud Dashboard)
 - 3:30 PM – 3:50 PM → Disaster Scenario Demo (Rain, Flood, Pollution → Alerts via Buzzer & LED)
 - 3:50 PM – 4:00 PM → Wrap-Up, Feedback Collection, Certificates & Group Photo
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