

Course Code: **M727**

Creating Smart Solutions with IoT and Microcontroller Coding

COURSE INFORMATION

Sessions
2 days

Duration
15 hrs

Level
Beginner

Assessment
NA

VENUE

Address: 3/5 Esan Close, College Estate, Off Oko Oloyun Street, Off Isheri-Igando Expressway, Igando Lagos, Nigeria 100216.

WHAT'S THIS COURSE ABOUT

Topic 1: Overview of IoT Technologies

Key concepts on IoT

Devices used in IoT

IoT communication standards

IoT applications

Topic 2: Microcontroller Programming for IoT

Setup equipment and programming environment

Establish MQTT communication protocol with the cloud server

Topic 3: Sensor data collection and monitoring

Collect sensor data for process control

Setup IoT cloud dashboard to monitor process

Topic 4: Manage Data and Triggers

Trigger actions to control process

IoT security

COURSE FEE

Full Fee NGN 340,000.00

CERTIFICATION

- **Certificate of Completion from Tertiary Courses** - Upon meeting at least 75% attendance and passing the assessment(s), participants will receive a Certificate of Completion from Tertiary Courses.

REGISTRATION

<https://www.tertiarycourses.com.ng/creating-smart-solutions-with-iot-and-microcontroller-coding.html>



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