This is to verify that **MATHEW PETER** has completed the course **Fundamentals of Internet of Things** on Alison.

MATHEW PETER

Course Completed: Fundamentals of Internet of Things

Date Of Completion: 2nd September 2024

Email ID: mathewpeter2025@mca.ajce.in

Total Study Time: 0h 14m

Final Assessment Score:

Alison courses requires at least 80% to pass the final assessment

88%

CPD Hours Completed:

CPD approved learning hours completed through this course

0-1h

Scan To Verify

Course Information

Fundamentals of Internet of Things (IOT) course begins by explaining the different basic concepts that are happening behind the Internet of Things (IoT) and will teach you how Internet of Things (IOT) are created. You will be introduced to very useful connectivity terminologies as well as the network configuration of the Internet of Things (IOT) and gateways. You will get familiar with the essential building blocks of the Internet of Things IOT, which includes sensors and actuators. By the end of the course you will know about the types of sensors, their features and their different functionalities.

This basic course about Internet of Thing (IOT) then explains the concept of actuators as well as the effect of the actions they perform on the environment, on another system and on a device. You will learn about the different examples of actuators and their working principles, then you will be introduced to the fundamentals of the networking aspects of the Internet of Things (IOT) as well as the convergence of domains. You will be able to explain the functional components and interdependencies of the Internet of Things.

During this course about IOT, you will be introduced to the different protocols that can be used for various purposes in the Internet of Things, then you will be learning about Constrained Application Protocol (CoAP), its application, CoAP position and CoAP request-response model. You will also learn about the Advanced Message Queuing Protocol, its history and applications. This free course is for students and individuals who want to learn the basic concept of Internet of Things and its technology and then continue learning and improving their skills in the network field.

Modules Studied

Module 1: Overview of Internet of Things

Module 2: Networking and Connectivity

Module 3: Course assessment