

CPD

SMART BUILDINGS & IOT SECURITY WITH BLOCKCHAIN TECHNOLOGY

COURSE OUTLINE

A Smart Building is a dynamic entity and an ever-expanding ecosystem. Devices of varying age “talk to” and depend on each other, sharing data and responding to various needs. In this course, we look at the evolution of building automation and explore the endless possibilities of IoT. We will focus on designing and developing “IoT-ready” buildings today to deliver the self-optimising buildings of tomorrow. Modern, open building automation systems using IoT in the Cloud require greater security to protect against cyber threats - this course also touches on how Blockchain works to ensure system integrity is maintained.

COURSE CONTENT

1. Introduction
2. Digital Transformation
3. IoT-ready Buildings
4. Examples of IoT Application
5. Smart IoT Devices
6. Security + Blockchain
7. Master System Integrator
8. Summary

