

Objectives and Course Content of Short Term Courses

Operational Plan No.	CSE-10
Name of the Course	Internet of Things
Objectives of Course	<ul style="list-style-type: none">• To provide an overview of IoT, IoT Hardware and Sensors• To understand IoT Enabling Technologies• To implement IoT with Arduino• To implement IoT using Raspberry Pi• To understand how to make sensor data available on the Cloud• To analyze and visualize sensor data• To develop Mobile app for IoT• To understand security issues in IoT
Course Content	<ul style="list-style-type: none">• Overview of IoT• IoT Hardware and Sensors• IoT Communication Protocols• Wireless Sensor Networks• M2M Communications• Working with Arduino• Implementing IoT using Raspberry Pi• IOT Cloud platform• Data Analytics for IoT• Mobile App development for IoT• IoT Security issues
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