Objectives and Course Content of Short Term Courses

Operational Plan No.	ICT-18
Name of the Course	Internet of Things
Objectives of Course	- 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	- Overview of IoT - IoT Hardware and Sensors - IoTCommunication 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
Name of Course Coordinator with E-mail ID & Contact Number	Er. Mala Kalra Contact No 0172-2759737, Email id- malakalra@nitttrchd.ac.in Dr. Rakesh Kumar Contact No. 0172-2759787, Email id- raakeshdhiman@gmail.com