Class Day	Theory Topics
1st	Introduction
2nd	characteristic of IoT
3rd	Applications of IoT
4th	IoT categories
5th	
1st	IoT Enablers and connectivity layers.
2nd	Baseline Technologies
3rd	Terminologies
4th	Gateway prefix allotment
5th	
1st	Impact of mobility on Addressing
2nd	Multihoming
3rd	Deviation from regular web
4th	IoT identification and data protocols
5th	

Class Day	Theory Topics
1st	Meaning of connectivity technology.
2nd	Introduction
3rd	IEEE 802.15.4
4th	ZigBee, 6LOWPAN
5th	
1st	RFID, HART and wireless HART
2nd	NFC, Bluetooth, Z wave, ISA100.11.A
3rd	Introduction
4th	components of a sensor node
5th	
1st	Modes of Detection
2nd	challenges in WSN
3rd	Sensor Web
4th	Self management of WSN
5th	

Class Day	Theory Topics
1st	Introduction of M2M communication
2nd	M2M communication
3rd	Meaning of M2M communication
4th	M2M Ecosystem
5th	
1st	M2M services platform
2nd	interoperability
3rd	Meaning of programming with Arduino
4th	features of Arduino
5th	
1st	components of Arduino Board
2nd	Arduino IDE
3rd	case studies
4th	Meaning of case studies
5th	

Class Day	Theory Topics
1st	Introduction of programming with Raspberry pi
2nd	Architecture and pin configuration
3rd	case studies
4th	implementation of IoT with Raspberry pi
5th	
1st	Basic of case studies
2nd	Limitation of current network
3rd	origin of SDN
4th	SDN Architecture
5th	
1st	Rule placement, open flow protocol
2nd	controller placement
3rd	security in SDN
4th	Introduction of smart Homes
5th	

Class Day	Theory Topics
1st	origin and example of smart Home Technologies
2nd	smart home implementation
3rd	Home area Networks (HAN)
4th	smart Home benefits and issues
5th	
1st	characteristics of smart cities
2nd	smart city Frameworks
3rd	challenges in smart cities
4th	Data Fusion
5th	
1st	smart parking
2nd	IIOT requirements
3rd	Design consideration
4th	Applications of IIOT
5th	

Class Day	Theory Topics
1st	Benifits of IIoT
2nd	
3rd	
4th	
5th	
1st	
2nd	
3rd	
4th	
5th	
1st	
2nd	
3rd	
4th	
5th	