

Class Day	Theory Topics
1st	Network, Features of Networks, Network Devices, Network types.
2nd	wireless Network, features of a wireless Networks.
3rd	mobile computing
4th	Characteristics of mobile computing
5th	
1st	Application of mobile computing
2nd	Limitations of mobile computing
3rd	mobile development framework Introduction, c/s architecture
4th	N-tive architecture.
5th	
1st	N-tive architecture and www
2nd	peer-to-peer architecture
3rd	mobile agent architecture.
4th	Advantages and disadvantages of mobile agent architecture.
5th	

Class Day	Theory Topics
1st	Wireless Transmission, Introduction, Signals.
2nd	Period, frequency, Bandwidth
3rd	Antennas, Signal Propagation.
4th	Multiplexing
5th	
1st	Modulation, Spread Spectrum
2nd	cellular system.
3rd	Introduction of medium Access control
4th	Hidden / Exposed terminals
5th	
1st	Basic Access method
2nd	Near / Far Terminals
3rd	SDMA, FDMA
4th	TDMA, CDMA
5th	

Class Day	Theory Topics
1st	GSM, GPRS
2nd	IS-95
3rd	CDMA-2000
4th	W-CDMA
5th	
1st	wireless sensor Networks Applications, challenges of WSN
2nd	components of WSN.
3rd	Short message service, Initial concept of SMS
4th	Multimedia Message service, History of multimedia message service
5th	
1st	Technical Description of multimedia Service.
2nd	Multimedia transmission over wireless networks fundamentals
3rd	characteristics of wireless networks, wireless Networking Technology.
4th	multipath fading, Exam
5th	

Class Day	Theory Topics
1st	overview of mobile IP, working with mobile IP
2nd	mobile IP entities, mobile Agents
3rd	components of mobile IP, mobile IPv6 features
4th	mobile IPv6 Address Types
5th	mobile IPv6 Address
1st	mobile IPv6 Address scope
2nd	mobile IP operation
3rd	www architecture for mobile computing
4th	Need of WAP, Benefits of WAP, Examples of WAP
5th	
1st	WAP - Architecture, WAP protocols
2nd	WML, push-pull based data requisition
3rd	I-mode
4th	WAP 2.x, Exam
5th	

Class Day	Theory Topics
1st	Introduction of wireless lens and communication
2nd	Infrared, Radio Frequency
3rd	IR Advantages and Disadvantages. RF Advantages and Disadvantages.
4th	Wireless Network Architecture Logical, Types of WLAN
5th	
1st	IEEE 802.11, MAC layer, Security, Synchronization
2nd	Power Management, Roaming, Bluetooth - overview.
3rd	Ubiquitous wireless communication. Introduction
4th	Scenario of mobile communication
5th	
1st	Mobile communication Generation 1G to 3G.
2nd	3rd Generation mobile communication. Network
3rd	Advantages and Disadvantages of. 3rd Generation mobile communication network
4th	Universal mobile telecommunication system.
5th	