

LESSON PLAN-(WINTER 2020)
SWAMI VIVEKANANDA SCHOOL OF ENGG & TECH, BBSR

Discipline- COMPUTER SCIENCE & ENGINEERING	Semester-5th	Name of teaching faculty-Krupamayee Mahapatra
Subject-Mobile Computing	No of days/ per week class allotted-5	Semester from date- 1/09/2020-30/12/2020 No of weeks-17
Week	Class day	Theory Topics
SEP 1ST	9/1/2020	Introduction to Wireless networks & Mobile Computing
	9/2/2020	Define Networks and its types
	9/3/2020	Wireless Networks
	9/4/2020	Mobile Computing
SEP 2ND	9/7/2020	Mobile Computing Characteristics
	9/8/2020	Application of Mobile Computing
	9/9/2020	Doubt clearing class
	9/10/2020	Introduction to Mobile Development Framework
	9/11/2020	C/S architecture
SEP 3RD	9/14/2020	n-tier architecture
	9/15/2020	n-tier architecture and www
	9/16/2020	Peer-to Peer architecture
	9/17/2020	Mobile agent architecture
	9/18/2020	Doubt clearing class
SEP 4TH	9/21/2020	Introduction to wireless transmission
	9/22/2020	Signals, Period
	9/23/2020	Frequency and Bandwidth
	9/24/2020	Antennas
	9/25/2020	Signal Propagation
OCT 1ST	9/28/2020	Multiplexing
	9/29/2020	Modulation
	9/30/2020	Spread Spectrum
	10/1/2020	Cellular System
	10/5/2020	Doubt clearing class
	10/6/2020	Introduction Medium Access Control

OCT 2ND	10/7/2020	Hidden/ Exposed Terminals
	10/8/2020	The basic Access Method
	10/9/2020	Near / Far Terminals
OCT 3RD	10/12/2020	SDMA, FDMA
	10/13/2020	TDMA, CDMA
	10/14/2020	Wireless LAN and communication
	10/15/2020	Infrared
	10/16/2020	Radio Frequency
OCT 4TH	10/19/2020	IR Advantages and Disadvantages
	10/20/2020	RF Advantages and Disadvantages
	10/21/2020	Wireless Network Architecture Logical
NOV 1ST	11/2/2020	Types of WLAN
	11/3/2020	IEEE 802.11
	11/4/2020	MAC layer
	11/5/2020	Security
	11/6/2020	Synchronization
NOV 2ND	11/9/2020	Power Management
	11/10/2020	Roaming
	11/11/2020	Bluetooth Overview
	11/12/2020	Class Test
	11/13/2020	Introduction to Ubiquitous Wireless Communication
NOV 3RD	11/16/2020	Scenario of Mobile Communication
	11/17/2020	Mobile Communication Generations 1G to 3G
	11/18/2020	3rd Generation Mobile Communication Network
	11/19/2020	Universal Mobile telecommunication System (UMTS)
	11/20/2020	Doubt clearing class
NOV 4TH	10/23/2020	Introduction of Mobile IP
	10/24/2020	Overview of mobile IP
	10/25/2020	Working with mobile IP
	10/26/2020	Mobile IP Entities
	10/27/2020	Mobility Agents
	10/30/2020	Components of Mobile IP

DEC 1ST	12/1/2020	Mobile IPv6 Features
	12/2/2020	Mobile IPv6 Address Types
	12/3/2020	Mobile IPv6 Address Scope
	12/4/2020	Mobile IP Operation
DEC 2ND	12/7/2020	Doubt clearing class
	12/8/2020	WWW architecture for Mobile computing
	12/9/2020	Need of WAP,Benefits of WAP,Examples of WAP
	12/10/2020	WAP- Architecture
	12/11/2020	WAP protocols,WML
DEC 3RD	12/14/2020	WAP Push architecture
	12/15/2020	Push-Pull based data acquisition
	12/16/2020	I-mode,WAP 2.X
	12/17/2020	Introduction to Wireless Telecomm Networks
	12/18/2020	GSM,GPRS
DEC 4TH	12/21/2020	IS-95
	12/22/2020	CDMA-2000,W-CDMA
	12/23/2020	Wireless Sensor Networks
	12/24/2020	Short Message Services (SMS)
	12/26/2020	Multimedia Message Services (MMS)
DEC 5TH	12/28/2020	Multimedia transmission over wireless
	12/29/2020	Doubt clearing class
	12/30/2020	Doubt clearing class