




## SWAMI VIVEKANANDA SCHOOL OF ENGINEERING & TECHNOLOGY

### LESSION PLAN (WINTER 2022)


Discipline- Computer Science & Engineering	Semester- 5th	Faculty Name- Reshma Kerketta
Subject- Mobile Computing	No of days/ per week class allotted-5	Semester from date- 06.09.2022 to 21.01.2023 No of weeks-20
Week	Class day	Theory Topics
SEP 2ND	06.09.2022	Introduction to Wireless networks & Mobile Computing
	07.09.2022	Define Networks and its types
	08.09.2022	Wireless Networks, Mobile Computing
	09.09.2022	Mobile Computing Characteristics
	10.09.2022	Doubt clearing class
SEP 3RD	12.09.2022	Application of Mobile Computing
	13.09.2022	Introduction to Mobile Development Framework
	14.09.2022	C/S architecture
	15.09.2022	C/S architecture
	16.09.2022	n-tier architecture
SEP 4TH	19.09.2022	n-tier architecture and www
	20.09.2022	Peer-to Peer architecture
	21.09.2022	Mobile agent architecture
	22.09.2022	Introduction to wireless transmission
	23.09.2022	Signals, Period
	24.09.2022	Frequency and Bandwidth
SEP 5TH	26.09.2022	Antennas
	27.09.2022	Signal Propagation
	28.09.2022	Multiplexing
	29.09.2022	Multiplexing
	30.09.2022	Modulation
OCT 2ND	06.10.2022	Spread Spectrum
	07.10.2022	Cellular System
OCT 3RD	10.10.2022	Doubt clearing class
	11.10.2022	Introduction Medium Access Control
	12.10.2022	Introduction Medium Access Control
	13.10.2022	Hidden/ Exposed Terminals(PPT)
	14.10.2022	The basic Access Method
OCT 4TH	17.10.2022	Near / Far Terminals
	18.10.2022	Near / Far Terminals
	19.10.2022	SDMA, FDMA, TDMA, CDMA
	20.10.2022	Wireless LAN and communication(PPT)
	21.10.2022	Wireless LAN and communication(PPT)
OCT 5TH	24.10.2022	Infrared ,Radio Frequency
	26.10.2022	IR Advantages and Disadvantages ,RF Advantages and Disadvantages
	27.10.2022	Wireless Network Architecture Logical
	28.10.2022	Types of WLAN, IEEE 802.11
NOV 1ST	01.11.2022	Types of WLAN, IEEE 802.11
	02.11.2022	MAC layer, Security, Synchronization
	03.11.2022	MAC layer, Security, Synchronization

	04.11.2022	Power Management,Roaming,Bluetooth Overview
NOV 2ND	07.11.2022	Power Management,Roaming,Bluetooth Overview
	08.11.2022	Introduction to Ubiquitous Wireless Communication,Scenario of Mobile
	09.11.2022	Scenario of Mobile Communication
	10.11.2022	Mobile Communication Generations 1G to 3G(Digital class)
	11.11.2022	3rd Generation Mobile Communication Network
	NOV 3RD	14.11.2022
15.11.2022		Universal Mobile telecommunication System (UMTS)
16.11.2022		Introduction of Mobile IP,Overview of mobile IP
17.11.2022		Working with mobile IP(Digital class)
18.11.2022		Mobile IP Entities,Mobility Agents,Components of Mobile IP
NOV 4TH	21.11.2022	Mobile IP Entities,Mobility Agents,Components of Mobile IP
	23.11.2022	Mobile IPv6 Features,Mobile IPv6 Address Types
	24.11.2022	Mobile IPv6 Address Scope
	25.11.2022	Mobile IP Operation(Digital class)
NOV 5TH	28.11.2022	CLASS TEST
	29.11.2022	WWW architecture for Mobile computing
	30.11.2022	WWW architecture for Mobile computing
DEC 1ST	01.12.2022	Need of WAP,Benefits of WAP,Examples of WAP
	02.12.2022	Need of WAP,Benefits of WAP,Examples of WAP
DEC 2ND	05.12.2022	WAP- Architecture(PPT)
	06.12.2022	WAP protocols,WML
	07.12.2022	Doubt clearing class
	08.12.2022	WAP Push architecture(Digital class)
	09.12.2022	WAP Push architecture(Digital class)
DEC 3RD	12.12.2022	Push-Pull based data acquisition
	13.12.2022	I-mode,WAP 2.X(Digital class)
	14.12.2022	Introduction to Wireless Telecomm Networks,GSM,GPRS(Digital class)
	15.12.2022	Introduction to Wireless Telecomm Networks,GSM,GPRS(Digital class)
	16.12.2022	Doubt clearing class
DEC 4TH	19.12.2022	GSM,GPRS(Digital class)
	20.12.2022	GSM,GPRS(Digital class)
	21.12.2022	IS-95,CDMA-2000,W-CDMA
	22.12.2022	IS-95,CDMA-2000,W-CDMA
JAN 1ST	03.01.2023	Doubt clearing class
	04.01.2023	Wireless Sensor Networks,Short Message Service
JAN 2ND	10.01.2023	Wireless Sensor Networks,Short Message Service
	11.01.2023	Wireless Sensor Networks,Short Message Service
	13.01.2023	Assignment
JAN 3RD	17.01.2023	Assignment
	18.01.2023	Multimedia Message Services (MMS),Multimedia transmission over
	19.01.2023	Multimedia Message Services (MMS),Multimedia transmission over
	20.01.2023	Doubt clearing class

Total no. of Classes: 83  
 No. of Theory Classes: 62  
 No. of Tutorial Classes: 6  
 No. of Digital Classes: 10  
 No. of PPT Classes: 5

  
 H.O.D. H.O.D.

Computer Science & Engineering  
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