



SWAMI VIVEKANANDA SCHOOL OF ENGINEERING & TECHNOLOGY
LESSON PLAN (WINTER 2021)

Discipline- Computer Science & Engineering	Semester- 5th	Faculty Name- Krupamayee Mahapatra
Subject- Mobile Computing	No of days/ per week class allotted-4	Semester from date- 01.08.2023 to 30.11.2023 No of weeks-19
Week	Class day	Theory Topics
AUG 1ST	01-08-23	Introduction to Wireless networks & Mobile Computing
	02-08-23	Define Networks and its types
	03-08-23	Wireless Networks, Mobile Computing
AUG 2ND	07-08-23	Mobile Computing Characteristics
	08-08-23	Doubt clearing class
	09-08-23	Application of Mobile Computing
	10-08-23	Introduction to Mobile Development Framework
AUG 3RD	14-08-23	C/S architecture
	15-08-23	n-tier architecture
	16-08-23	n-tier architecture and www
	17-08-23	Peer-to Peer architecture
AUG 4TH	21-08-23	Mobile agent architecture
	22-08-23	Introduction to wireless transmission
	23-08-23	Signals, Period
	24-08-23	Frequency and Bandwidth
AUG 5TH	28-08-23	Antennas
	29-08-23	Signal Propagation
	30-08-23	Multiplexing
	31-08-23	Modulation
SEP 2ND	04-09-23	Spread Spectrum
	05-09-23	Cellular System
	06-09-23	Doubt clearing class
	07-09-23	Introduction Medium Access Control
SEP 3RD	11-09-23	Hidden/ Exposed Terminals(PPT)
	12-09-23	The basic Access Method
	13-09-23	Near / Far Terminals
	14-09-23	SDMA, FDMA, TDMA, CDMA
SEP 4TH	18-09-23	Wireless LAN and communication(PPT)
	20-09-23	Infrared ,Radio Frequency
	21-09-23	IR Advantages and Disadvantages ,RF Advantages and Disadvantages
SEP 5TH	25-09-23	Wireless Network Architecture Logical
	26-09-23	Types of WLAN, IEEE 802.11
	27-09-23	MAC layer, Security, Synchronization
	28-09-23	Power Management, Roaming, Bluetooth Overview
OCT 1ST	02-10-23	Introduction to Ubiquitous Wireless Communication, Scenario of Mobile
	03-10-23	Scenario of Mobile Communication
	04-10-23	Mobile Communication Generations 1G to 3G(Digital class)
	05-10-23	3rd Generation Mobile Communication Network
OCT 2ND	09-10-23	Universal Mobile telecommunication System (UMTS)
	10-10-23	Introduction of Mobile IP, Overview of mobile IP

	11-10-23	Working with mobile IP(Dgital class)
	12-10-23	Mobile IP Entities,Mobility Agents,Components of Mobile IP
OCT 3RD	16-10-23	Mobile IPv6 Features,Mobile IPv6 Address Types
	18-10-23	Mobile IPv6 Address Scope
	19-10-23	Mobile IP Operation(Dgital class)
	30-10-23	CLASS TEST
OCT 5TH	31-10-23	WWW architecture for Mobile computing
NOV 1ST	01-11-23	Need of WAP,Benefits of WAP,Examples of WAP
	02-11-23	WAP- Architecture(PPT)
NOV 2ND	06-11-23	WAP protocols,WML
	07-11-23	Doubt clearing class
	08-11-23	WAP Push architecture(Dgital class)
	09-11-21	Push-Pull based data acquisition
NOV 3RD	13-11-23	I-mode,WAP 2.X(Dgital class)
	14-11-23	Introduction to Wireless Telecomm Networks,GSM,GPRS(Dgital class)
	16-11-23	Doubt clearing class
NOV 4TH	20-11-23	GSM,GPRS(Dgital class)
	22-11-23	IS-95,CDMA-2000,W-CDMA
NOV 5TH	27-11-23	Wireless Sensor Networks,Short Messsage Service
	28-11-23	Multimedia Message Services (MMS),Multimedia tranamission over
	30-11-23	Doubt clearing class

Total no. of Classes: **61**
No. of Theory Classes: **40**
No. of Tutorial Classes: **6**
No. of Digital Classes: **10**
No. of PPT Classes: **5**

H.O.D.


DEAN (ACADEMICS)

PRINCIPAL