LESSON PLAN:		
Discipline: **CSE**	Semester: **5th**	Name of the Teaching Faculty: **Mrs. Nishita Kindo**
Subject: **Mobile Computing**	No. Of Days/per week class allotted: **4 periods per week (Tues, Wed, Thus & Fri - 01 period each)**	Semester: **From Date:15-09-2022 To Date:22-12-2022** **No. Of Week: 15**
WEEK	**CLASS DAY**	**THEORY /PRACTICAL TOPICS**
1st	15-09-2022	Syllabus & Mission- Vision
	16-09-2022	**1. Introduction to Wireless networks & Mobile Computing** 1.1Networks 1.2 Wireless Networks
2nd	20-09-2022	1.3 Mobile Computing 1.4 Mobile Computing Characteristics 1.5 Application of Mobile Computing
	21-09-2022	**2. Introduction to Mobile Development Framework** 2.1 C/S architecture
	22-09-2022	2.2 n-tier architecture
	23-09-2022	2.3 n-tier architecture and www 2.4 Peer-to Peer architecture
3rd	27-09-2022	2.5 Mobile agent architecture **REVISION CUM ASSIGNMENT 1**
	28-09-2022	**3. Wireless Transmission** 3.1 Introduction
	29-09-2022	3.2 Signals 3.3 Period Frequency and bandwidth
	30-09-2022	3.4 Antennas 3.5 Signal Propagation
4th	03-10-2022 to 08-10-2022	**Puja Holidays**
5th	11-10-2022	**CLASS TEST 1**
	12-10-2022	3.6 Multiplexing 3.7 Modulation
	13-10-2022	3.8 Spread Spectrum 3.9 Cellular System
	14-10-2022	**4. Medium Access Control** 4.1 Introduction 4.2 Hidden/ Exposed Terminals
6th	18-10-2022	4.3 The basic Access Method 4.4 Near / Far Terminals
	19-10-2022	4.5 TDMA, FDMA
	20-10-2022	4.5 CDMA, SDMA
	21-10-2022	**5. Wireless LANs** 5.1 Wireless LAN and communication **REVISION CUM ASSIGNMENT 2**
7th	25-10-2022	5.2 Infrared

	26-10-2022	5.3 Radio Frequency
	27-10-2022	5.4 IR Advantages and Disadvantages 5.5 RF Advantages and Disadvantages
	28-10-2022	5.6 Wireless Network Architecture Logical 5.7 Types of WLAN
8th	01-11-2022	5.8 IEEE 802.11
	02-11-2022	5.9 MAC layer 5.10 Security
	03-11-2022	5.11 Synchronization 5.12 Power Management
	04-11-2022	5.13 Roaming 5.14 Bluetooth Overview
9th	09-11-2022	**6. Ubiquitous Wireless Communication** 6.1 Introduction 6.2 Scenario of Mobile Communication
	10-11-2022	6.3 Mobile Communication Generations 1G to 3G 6.4 3rd Generation Mobile Communication Network
	11-11-2022	**CLASS TEST 2**
10th	15-11-2022	**Internal Assessment Examination**
	16-11-2022	**Internal Assessment Examination**
	17-11-2022	**Internal Assessment Examination**
	18-11-2022	**Internal Assessment Examination**
11th	22-11-2022	6.5 Universal Mobile telecommunication System (UMTS) **REVISION CUM ASSIGNMENT 3**
	23-11-2022	**7. Mobile IP** 7.1 Overview 7.2 Working with mobile IP 7.3 Mobile IP Entities 7.4 Mobility Agents
	24-11-2022	7.5 Components of Mobile IP 7.6 Mobile IPv6 Features 7.7 Mobile IPv6 Address Types
	25-11-2022	7.8 Mobile IPv6 Address Scope 7.9 Mobile IP Operation
12th	29-11-2022	**8. Mobile Computing** 8.1 WWW architecture for Mobile computing 8.2 Need of WAP 8.3 Benefits of WAP
	30-11-2022	8.4 Examples of WAP 8.5 WAP- Architecture 8.6 WAP protocols
	01-12-2022	8.7 WML 8.8 WAP Push architecture 8.9 Push-Pull based data acquisition
	02-12-2022	8.10 I-mode 8.11 WAP 2.x

13th	06-12-2022	**9. Wireless Telecomm Networks** 9.1 GSM
	07-12-2022	9.2 GPRS
	08-12-2022	9.3 IS-95 9.4 CDMA-2000
	09-12-2022	9.5 W-CDMA
14th	13-12-2022	9.6 Wireless Sensor Networks **REVISION CUM ASSIGNMENT 4**
	14-12-2022	**10. Messaging Services** 10.1 Short Message Services (SMS)
	15-12-2022	10.2 Multimedia Message Services (MMS)
	16-12-2022	**CLASS TEST 3**
15th	20-12-2022	10.3 Multimedia transmission over wireless
	21-12-2022	**Previous Year Questions Discussion**
	22-12-2022	**Doubt Clearing Class**