

ST.ANN'S COLLEGE OF ENGINEERING ANG TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

SUBJECT:MOBILE COMPUTING

YEAR/SEM:IV B.TECH/I SEM(R13)

NAME OF THE FACULTY :P.HARINI

BRANCH:CSE-C

NO.OF LECTURES PER WEEK:4+1()

S.NO	DATE	UNIT NO	TOPIC TO BE COVERED
1	11-06-18	UNIT-1	Introduction to Mobile Computing Paradigms
2	12-06-18		Promises/Novel Applications
3	13/6/2018		Impediments & architecture
4	14/6/2018		Mobile and Hand held devices
5	18/6/2018		Limitation of Mobile
6	19/6/2018		TUTORIAL
7	20/6/2018		Limitation of Handheld devices
8	21/6/2018		GSM-services& Architecture
9	23/6/2018		Radio Interfaces& GSM Protocols
10	25/6/2018		Localization,Calling , Handover&Security
11	26/6/2018		TUTORIAL
12	27/6/2018		New Data Services, GPRS
13	28/6/2018		REVISION THROUGH NPTEL VIDEOS/PPT'S
14	30/6/2018		REVISION
15	07-02-18		UNIT TEST-1
16	07-03-18	UNIT-2	Wireless Medium Access Control(MAC)
17	07-04-18		Motivation for a Specialized MAC
18	07-05-18		Hidden & Exposed Trminals
19	07-07-18		Near & Far Terminals
20	07-09-18		SDMA,FDMA
21	07-10-18		TDMA,CDMA
22	07-11-18		Wireless LAN/(IEEE 802.11)
23	07-12-18		REVISION THROUGH NPTEL VIDEOS/PPT'S
24	14/7/2018		REVISION
25	16/7/2018		UNIT TEST-2(tutorial)
26	17/7/2018	UNIT-3	Mobile Network Layer:IP and Mobile IP Network Layers
27	18/7/2018		Packet delivery and Handover Management
28	19/7/2018		Loacation Management ,Registration
29	21/7/2018		Tunnelling and Encapsulation
30	23/7/2018		TUTORIAL
31	24/7/2018		Route Optimization& DHCP
32	25/7/2018		REVISION THROUGH NPTEL VIDEOS/PPT'S

33	26/7/2018	UNIT-4	Mobile Transport Layer
34	28/7/2018		Conventional TCP/IP Protocols
35	30/7/2018		Indirect TCP,Snooping TCP
36	31/7/2018		Mobile TCP
37	08-01-18		Other Transport Layer Protocols
38	08-02-18		Database Issues:Database Hoarding Caching Techniques
39	08-04-18		Cilent-Server Computing & Adaption
40	08-06-18	MID-1	MID EXAMINATION-1
41	08-07-18		MID EXAMINATION-1
42	08-08-18		MID EXAMINATION-1
43	08-09-18		MID EXAMINATION-1
44	08-11-18		MID EXAMINATION-1
45	13/8/2018	UNIT-4	Transaction Models
46	14/8/2018		Query Processing
47	16/8/2018		Data Recovery Process
48	18/8/2018		QOS Issues
49	20/8/2018		REVISION THROUGH NPTEL VIDEOS/PPT'S
50	21/8/2018		TUTORIAL
51	23/8/2018		UNIT TEST-4
52	25/8/2018	UNIT-5	Data Dissemination& Synchronization
53	27/8/2018		Communication Asymmetry
54	28/8/2018		Classification of Data Delivery Mechanisams
55	29/8/2018		Selective Tuning & Indexing Methods
56	30/8/2018		Data Dissemination,Broadcast Models
57	09-04-18		TUTORIAL
58	09-05-18		Intoduction to Data Synchronization
59	09-06-18		Software and Protocols
60	09-08-18	UNIT TEST-5	
61	09-10-18	UNIT-6	Mobile Ad hoc Networks:Introduction
62	09-11-18		Applications & Challenges of a MANET
63	09-12-18		Routing,Classification of Routing Algorithms
64	15/9/2018		Alogorithms DSR
65	17/9/2018		Alogorithms AODV,DSDV
66	18/9/2018		TUTORIAL
67	19/9/2018		Mobile Agents,service Discovery
68	20/9/2018		Protocols and Platforms for Mobile Computing
69	22/9/2018		WAP,Bluetooth,XML

70	24/9/2018		J2ME,Java Card
71	25/9/2018		palmOS,Windows CE
72	26/9/2018		Symbian OS,Linux for Mobile Devices
73	27/9/2018		Linux for Android
74	29/9/2018	REVISION	Revision
75	10-01-18		Revision
76	10-03-18		Revision
77	10-04-18		Revision
78	10-06-18		Revision
79	10-08-18	MID-2	MID EXAMINATION-2
80	10-09-18		MID EXAMINATION-2
81	10-10-18		MID EXAMINATION-2
82	10-11-18		MID EXAMINATION-2
83	13/10/2018		MID EXAMINATION-2

TEXT BOOKS:

- 1.Jochen Schiller,"Mobile communications",Addison-Wesley,Second Edition,2009
- 2.Raj Kamal ,"Mobile Computing",Oxford University Press,2007,ISBN:0195686772

FACULTY

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