

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-A

NO.OF LECTURES PER WEEK:5+1()

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

33	20/7/2018		Route Optimization& DHCP	
34	21/7/2018		REVISION THROUGH NPTEL VIDEOS/PPT'S	
35	23/7/2018	UNIT-4	Mobile Transport Layer	
36	24/7/2018		Conventional TCP/IP Protocols	
37	25/7/2018		TUTORIAL	
38	26/7/2018		Indirect TCP,Snooping TCP	
39	27/7/2018		Mobile TCP	
40	28/7/2018		REVISION	
41	30/7/2018		Other Transport Layer Protocols	
42	31/7/2018		Database Issues:Database Hoarding Caching Techniques	
43	08-01-18		REVISION	Revision
44	08-02-18			Revision
45	08-03-18	Revision		
46	08-04-18	Revision		
47	08-06-18	MID-1	MID EXAMINATION-1	
48	08-07-18		MID EXAMINATION-1	
49	08-08-18		MID EXAMINATION-1	
50	08-09-18		MID EXAMINATION-1	
51	08-10-18		MID EXAMINATION-1	
52	08-11-18		MID EXAMINATION-1	
53	13/8/2018	UNIT-4	Client-Server Computing & Adaption	
54	14/8/2018		Transaction Models	
55	16/8/2018		Query Processing	
56	17/8/2018		REVISION	
57	18/8/2018		Data Recovery Process	
58	20/8/2018		QOS Issues	
59	21/8/2018		REVISION THROUGH NPTEL VIDEOS/PPT'S	
60	23/8/2018		Revision	
61	24/8/2018		UNIT TEST-4	
62	25/8/2018		UNIT-5	Data Dissemination& Synchronization
63	27/8/2018	Communication Asymmetry		
64	28/8/2018	Classification of Data Delivery Mechanisams		
65	29/8/2018	TUTORIAL		
66	30/8/2018	Selective Tuning & Indexing Methods		
67	31/8/2018	Data Dissemination,Broadcast Models		
68	09-04-18	Intoduction to Data Synchronization		
69	09-05-18	TUTORIAL		

70	09-06-18		Software and Protocols
71	09-07-18		REVISION THROUGH NPTEL VIDEOS/PPT'S
72	09-08-18		UNIT TEST-5
73	09-10-18	UNIT-6	Mobile Ad hoc Networks:Introduction
74	09-11-18		Applications & Challenges of a MANET
75	09-12-18		TUTORIAL
76	15/9/2018		Routing,Classification of Routing Algorithms
77	17/9/2018		Alogorithms DSR
78	18/9/2018		Alogorithms AODV,DSDV
79	19/9/2018		TUTORIAL
80	20/9/2018		Mobile Agents,service Discovery
81	22/9/2018		Protocols and Platforms for Mobile Computing
82	24/9/2018		WAP,Bluetooth,XML
83	25/9/2018		J2ME,Java Card
84	26/9/2018		palmOS,Windows CE
85	27/9/2018		Symbian OS,Linux for Mobile Devices
86	28/9/2018		Linux for Android
87	29/9/2018		REVISION
88	10-03-18	Revision	
89	10-04-18	Revision	
90	10-05-18	Revision	
91	10-06-18	Revision	
92	10-08-18	MID-2	MID EXAMINATION-2
93	10-09-18		MID EXAMINATION-2
94	10-10-18		MID EXAMINATION-2
95	10-11-18		MID EXAMINATION-2
96	10-12-18		MID EXAMINATION-2
97	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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