

# LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
1	16/6/14	Evolution of Telecommunications	I	Black board		
2	16/6/14	Simple telephone communication	"	"		
3	17/6/14	Basics of a switching system	"	"		
4	18/6/14	Switching w/o configuration	"	"		
5	19/6/14	Switching w/o configuration	"	"		
6	20/6/14	Introduction to store and forward switching system	"	"		
7	23/6/14	Principles of crossbar switching	"	"		
8	23/6/14	3X3, 6X6 crossbar switching	"	"		
9	25/6/14	Stored program control	II	"		
10	26/6/14	Centralised spc	"	"		
11	27/6/14	Centralised spc	"	"		
12	30/6/14	Distributed spc	"	"		
13	30/6/14	Software Architecture	"	"		
14	2/7/14	Application Software	"	"		
15	3/7/14	Enhanced Services	"	"		
16	4/7/14	Two-stage w/o's	"	"		
17	7/7/14	Three stage w/o's	"	"		
18	7/7/14	n-stage w/o's	"	"		
19	9/7/14	Basic Time division Time & space switching	"	"		
20	10/7/14	Time multiplexed Space switching	"	"		

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21	11/7/14	Time multiplexed time switching	II	Black board		
22	14/7/14	Combination switching	"	"		
23	14/7/14	Three-stage & n-stage Combination switching	"	"		
24	16/7/14	Subscriber loop systems	III	"		
25	17/7/14	Switching Hierarchy and Routing	"	"		
26	18/7/14	Transmission Plan	"	"		
27	21/7/14	Transmission systems	"	"		
28	21/7/14	Numbering plan	"	"		
29	23/7/14	Numbering plan	"	"		
30	24/7/14	Charging plan	"	"		
31	25/7/14	Signalling Techniques	IV	"		
32	28/7/14	In channel signalling	"	"		
33	28/7/14	Common channel signalling	"	"		
34	30/7/14	Common channel signalling	"	"		
35	31/7/14	N/w traffic load and parameters	"	"		
36	1/8/14	N/w traffic load and parameters	"	"		
37	4/8/14	Grade of service	"	"		
38	4/8/14	and blocking probability	"	"		
39	6/8/14	Revision				
40	7/8/14	Revision.				



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41	8/8/14	Introduction to Data communication n/w	V	PPT		
42	8/8/14	N/w architecture	"	"		
43	18/8/14	N/w architecture	"	"		
44	20/8/14	Layered N/w architecture	"	"		
45	21/8/14	Layered N/w architecture	"	"		
46	22/8/14	protocols	"	"		
47	25/8/14	protocols	"	"		
48	25/8/14	Data Communications Hardware	"	"		
49	27/8/14	Data Communication Circuits	"	"		
50	28/8/14	Data Communication Circuits	"	"		
51	29/8/14	public switched n/w	V	Black board		
52	1/9/14	Connection oriented and	"	"		
53	1/9/14	connection less Service	"	"		
54	3/9/14	Circuit switching	"	"		
55	4/9/14	packet switching	"	PPT		
56	9/9/14	Virtual Packet Switching	"	Black board		
57	8/9/14	Virtual Circuit Switching Concepts	"	"		
58	8/9/14	OSI reference model	"	"		
59	10/9/14	LAN, WAN, MAN	"	PPT		
60	11/9/14	Internet	"	Black board		

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Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
61	12/9/14	Repeaters, Bridges.	<u>VI</u>	Black board		
62	15/9/14	Routers & gateways	"	"		
63	15/9/14	Introduction to ISDN	<u>VII</u>	"		
64	17/9/14	motivation	"	"		
65	18/9/14	ISDN architecture	"	"		
66	19/9/14	ISDN interfaces	"	"		
67	22/9/14	functional grouping	"	"		
68	22/9/14	reference points	"	"		
69	24/9/14	Protocol architecture	"	"		
70	25/9/14	Signalling	"	"		
71	26/9/14	Numbering..	"	"		
72	6/10/14	addressing, B-ISDN.	"	"		
73	6/10/14	ADSL, cable modem	<u>VIII</u>	"		
74	8/10/14	Traditional cable N/W's,	"	PPT		
75	9/10/14	HFC N/W's, sharing	"	PPT.		
76	10/10/14	CMTS and DOCSIS	"	"		
77	13/10/14	SONET : Demux	"	Black board		
78	13/10/14	Frame, frame fix Synchronous Transport of	"	"		
79	15/10/14	mult Virtual Tributaries STS 1 and Higher rate of service	"	"		
80	16/10/14	Revision	—	—		