

## LESSON PLAN

Period	Date (tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
		<u>UNIT-I</u>				
1.		Introduction.	I	B.B.		
2		Evolution of telecommunication.	"	"		
3		Simple telephone conversation.	"	"		
4		Basics of a switching system.	"	"		
5		Classification of a switching system.	"	"		
6		Major Telecommunication services.	"	"		
7		Switching systems.	"	PPT		
8		Principles of cross bar switching.	"	"		
9		Signalling system.	"	B.B.		
10		Storage Switching.	"	"		
		<u>UNIT-II</u>				
11		Electronic space division switching.	II	B.B.		
12		Stored program control.	"	"		
13		Centralized SPC	"	"		
14		Decentralized SPC	"	"		
15		Discrete SPC	"	"		
16		Time slot SPC	"	"		
17		Time division switching.	"	"		
18		Basic time division switching.	"	"		

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19		Basic time division space switching.	II	PPT		
20		Time multiplexed space switching.	"	"		
21		Time multiplexed time switching.	"	"		
22		Combined space-time switching.	"	"		
		<u>UNIT-III</u>				
23		TELEPHONE N/W	III	B.B.		
24		Subscriber loop system.	"	"		
25		Transmission plan.	"	"		
26		Routing plan.	"	"		
27		Changing plan.	"	"		
28		Call progress tones.	"	"		
29		Call procedure	"	"		
30		CRMS Switching	"	"		
31		Signalling Protocols	"	PPT		
32		5w channel Signalling	"	"		
33		Common channel Signalling	"	"		
34		N/W Dynamic load and power man.	"	B.B.		
35		Grade of Service.	"	B.B.		

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Period	Date (tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
		UNIT-IV				
36		DATA COMMUNICATION NETWORKS	IX	IBB		
37		Subnetwork	"	"		
38		Network Architecture	"	"		
39		Layered vs/vo Architecture	"	"		
40		Protocols	"	"		
41		Pdc Communication Handshake	"	"		
42		Pdc Communication Circuits	"	"		
43		Public Switched Data Nets.	"	PPS		
44		Circuit Switching	"	"		
45		Packet Switching	"	"		
46		OS Reference model.	"	"		
47		LAN, WAN, MAN	"	"		
48		Instant Reporting Bridges	"	IBB		
49		Router, gateways.	"	IBB		
		UNIT-V				
50		ISDN	X	IBB		
51		ISDN Architecture	"	"		
52		ISDN Sublayer	"	"		
53		Functional groups	"	"		

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54		Reference Points	X	IBB		
55		Signalling	"	"		
56		Numbering	"	"		
57		addressing	"	"		
58		ISDN	"	"		
59		DSC Technology	"	"		
60		ADSL	"	"		
61		Cable modem.	"	"		
62		ATC networks.	"	PPS		
63		Sharing	"	"		
64		CM and CMTS	"	"		
65		POCSIS, SONET.	"	IBB		Assign