

NPTEL LINKS

Sem :- M.Tech./I

Branch: ECE

Subject :- DATA COMMUNICATION NETWORKS

Chapter-1

S.No.	TOPIC	NPTEL Links
1	INTRODUCTION	http://nptel.ac.in/courses/106105082/1
2	MODULATION	http://nptel.ac.in/courses/106106091/7
3	CHANNEL CAPACITY	http://nptel.ac.in/courses/106105082/4
4	TRANSMISSION IMPAIRMENTS	http://nptel.ac.in/courses/106105082/4
5	TRANSMISSION MEDIA	http://nptel.ac.in/courses/106105082/5

Chapter-2

1	DATA COMM. FUNDAMENTALS	http://nptel.ac.in/courses/106105080/3
2	FLOW & ERROR CONTROL	http://nptel.ac.in/courses/106105082/17
3	ERROR DETECTION & CORRECTION CODES	http://nptel.ac.in/courses/106105082/16
4	INTERFACING	http://nptel.ac.in/courses/106105082/15

Chapter-3

1	DATA LINK PROTOCOLS	http://nptel.ac.in/courses/106105082/18
2	FLOW & ERROR CONTROL	http://nptel.ac.in/courses/106105082/17
3	LAYERED ARCHITECTURE	http://nptel.ac.in/courses/106105080/2

Chapter-4

1	MULTIPLEXING:	http://nptel.ac.in/courses/106105082/11	
2	MULTIPLEXING APPLICATIONS	http://nptel.ac.in/courses/106105082/13	

Chapter-5

1	ETHERNET	http://nptel.ac.in/courses/106106091/18	
2	LAN	http://nptel.ac.in/courses/106106091/25	
3	TOKEN RING	http://nptel.ac.in/courses/106106091/21	
4	X.25 & FRAME RELAY	http://nptel.ac.in/courses/106105082/24	
5	TELEPHONE NETWORKS	http://nptel.ac.in/courses/106105082/32	
6	Circuit Switching	http://nptel.ac.in/courses/106105082/19	
7	High Speed Lans	http://nptel.ac.in/courses/106105082/30	
8	Packet Switching	http://nptel.ac.in/courses/106105082/20	

Chapter-6

1	TCP/IP	http://nptel.ac.in/courses/106105082/35	
2	TCP PROTOCOL	http://nptel.ac.in/courses/106106091/38	
3	Internet and Internetworking	http://nptel.ac.in/courses/106105082/34	