

LESSON PLAN:

Discipline: IT	Semester: 4th	Name of the Teaching Faculty: Ms. Supriya Mishra
Subject: Data Communication & Computer Network	No. Of Days per week : 4 periods per week (Wed, Thurs, Fri & Sat - 1 period each)	Semester: From Date:10-03-2022 To 10-06-2022
WEEK	CLASS DAY	THEORY /PRACTICAL TOPICS
1st	10-03-2022	Syllabus Discussion
	11-03-2022	1. Network & Protocol 1.1 Data Communication
	12-03-2022	1.2 Networks
2nd	16-03-2022	1.3 Protocol & Architecture, Standards
	17-03-2022	1.3 OSI, TCP/IP
3rd	23-03-2022	Recap of Chapter 1 2. Data Transmission & Media 2.1 Data transmission Concepts and Terminology
	24-03-2022	2.2 Analog and Digital Data transmission
	25-03-2022	2.3 Transmission impairments, Channel capacity
	26-03-2022	2.4 Transmission media, Guided Transmission, Wireless Transmission
4th	30-03-2022	Recap of Chapter 2 3. Data Encoding 3.1 Data encoding,
	31-03-2022	3.2 Digital data digital signals,
	02-04-2022	3.3 Digital data analog signals
5th	06-04-2022	3.4 Analog data digital signals
	07-04-2022	3.5 Analog data analog signals
	08-04-2022	Class Test -1 (Chapter 1 &2)
	09-04-2022	Recap of Chapter 3 4. Data Communication & Data link control 4.1 Asynchronous and Synchronous Transmission
6th	13-04-2022	4.1 Error Detection
	16-04-2022	4.3 Line configuration
7th	20-04-2022	4.4 Flow Control
	21-04-2022	4.5 Error Control
	22-04-2022	4.6 Multiplexing
	23-04-2022	4.7 FDM synchronous TDM
8th	27-04-2022	4.8 Statistical TDM Assignment -1
	28-04-2022	Recap of Chapter 4 5. Switching & Routing 5.1 Circuit Switching networks
	29-04-2022	5.2 Packet Switching principles
	30-04-2022	5.3 X.25

9th	04-05-2022	5.4 Routing in Packet switching
	05-05-2022	5.5 Congestion 5.6.1 Effects of congestion,
	06-05-2022	5.6.2 Congestion control
	07-05-2022	5.7 Traffic Management
10th	11-05-2022	5.8 Congestion Control in Packet Switching Network.
	12-05-2022	Recap of Chapter 5 6. LAN Technology 6.1. Topology and Transmission Media
	13-05-2022	6.2 LAN protocol architecture
	14-05-2022	Class Test -2 (Chapter 3 &4)
11th	18-05-2022	6.3. Medium Access control
	19-05-2022	6.4 Bridges, Hub, Switch
	20-05-2022	6.5 Ethernet (CSMA/CD), Fiber Channel
	21-05-2022	6.6 Wireless LAN Technology
12th	25-05-2022	Recap of Chapter 6 7. TCP/IP 7.1 TCP/IP Protocol Suite
	26-05-2022	7.2 Basic Protocol functions
	27-05-2022	7.3 Principles of Internetworking
	28-05-2022	7.3 Internet Protocol operations 7.4 Internet Protocol Assignment -2
13th	01-06-2022	Class Test -3 (Chapter 5 &6)
	02-06-2022	Recap of Chapter 1&2
	03-06-2022	Recap of Chapter 3
	04-06-2022	Recap of Chapter 4
14th	08-06-2022	Recap of Chapter 5
	09-06-2022	Recap of Chapter 6 & 7
	10-06-2022	Last Date for submission of Notes by students