LESSON PLAN (SUMMER-2022)			
Discopline: ETC	**Semester: 4TH**	**Name of the Teaching Faculty: RAJEEV RANJAN SETH**	
Subject:Data Comm. & Computer Network	**No of Days /per week class allotted: 4**	**Semester From date: 10.03.2021 To date: 10.06.2021 No of weeks: 15**	
Week	**Class Day**	**Theory / Practical Topics**	**Date**
1st	1st	**Unit-1. Network& Protocol (8)** 1.1 Data Communication	10.03.2022
	2nd	1.1 Data Communication	14.03.2022
	3rd	1.2 Networks	15.03.2022
	4th	1.2 Networks	16.03.2022
2nd	1st	1.3 Protocol & Architecture,	17.03.2022
	2nd	1.3 Protocol & Architecture,	21.03.2022
	3rd	1.3 Standards, OSI, TCP/IP	22.03.2022
	4th	1.3 Standards, OSI, TCP/IP	23.03.2022
3rd	1st	**Unit-2. Data Transmission & Media (8)** 2.1 Data transmission Concepts and Terminology	24.03.2022
	2nd	2.1 Data transmission Concepts and Terminology	28.03.2022
	3rd	2.2 Analog and Digital Data transmission	29.03.2022
	4th	2.2 Analog and Digital Data transmission	30.03.2022
4th	1st	2.3 Transmission impairments, Channel capacity	31.03.2022
	2nd	2.3 Transmission impairments, Channel capacity	04.04.2022
	3rd	2.4 Transmission media, Guided Transmission, Wireless Transmission	04.04.2022
	4th	2.4 Transmission media, Guided Transmission, Wireless Transmission	04.04.2022
5th	1st	**Unit-3. Data Encoding (8)** 3.1 Data encoding, 3.2 Digital data digital signals,	04.04.2022
	2nd	3.2 Digital data digital signals,	05.04.2022
	3rd	3.3 Digital data analog signals	06.04.2022
	4th	3.3 Digital data analog signals	07.04.2022
6th	1st	3.4 Analog data digital signals	11.04.2022
	2nd	3.4 Analog data digital signals	12.04.2022
	3rd	3.5 Analog data analog signals	13.04.2022
	4th	3.5 Analog data analog signals	18.04.2022
7th	1st	**Unit-4. Data Communication & Data link control (8)** 4.1 Asynchronous and Synchronous Transmission	19.04.2022
	2nd	4.2 Error Detection	20.04.2022
	3rd	4.3 Line configuration	21.04.2022
	4th	4.4 Flow Control,	25.04.2022
	1st	4.5 Error Control	26.04.2022

8th	2nd	4.6 Multiplexing	27.04.2022
	3rd	4.7 FDM synchronous TDM	28.04.2022
	4th	4.8 Statistical TDM	02.05.2022
9th	1st	**Unit-5. Switching & Routing (10)** 5.1 Circuit Switching networks	04.05.2022
	2nd	5.2 Packet Switching principles	05.05.2022
	3rd	5.3 X.25	09.05.2022
	4th	5.4 Routing in Packet switching	10.05.2022
10th	1st	5.5 Congestion	11.05.2022
	2nd	5.6 Effects of congestion, congestion control	12.05.2022
	3rd	5.6 Effects of congestion, congestion control	17.05.2022
	4th	5.7 Traffic Management	18.05.2022
11th	1st	5.8 Congestion Control in Packet Switching Network.	19.05.2022
	2nd	5.8 Congestion Control in Packet Switching Network.	23.05.2022
	3rd	**Unit-6. LAN Technology (10)** 6.1. Topology and Transmission Media	24.05.2022
	4th	6.2 LAN protocol architecture	25.05.2022
12th	1st	6.2 LAN protocol architecture	26.05.2022
	2nd	6.3. Medium Access control	31.05.2022
	3rd	6.3. Medium Access control	01.06.2022
	4th	6.4 Bridges, Hub, Switch	02.06.2022
13th	1st	6.5 Ethernet (CSMA/CD), Fiber Channel	06.06.2022
	2nd	6.5 Ethernet (CSMA/CD), Fiber Channel	07.06.2022
	3rd	6.6 Wireless LAN Technology..	08.06.2022
	4th	6.6 Wireless LAN Technology..	09.06.2022
14th	1st	**Unit-7. TCP/IP (8)** 7.1 TCP/IP Protocol Suite	Extra Class
	2nd	7.2 Basic Protocol functions	Extra Class
	3rd	7.2 Basic Protocol functions	Extra Class
	4th	7.3 Principles of Internetworking	Extra Class
15th	1st	7.3 Principles of Internetworking	Extra Class
	2nd	7.4 Internet Protocol operations	Extra Class
	3rd	7.4 Internet Protocol operations	Extra Class
	4th	7.5 Internet Protocol	Extra Class

Signature of the Faculty