

Lesson Plan

Lesson Plan			
	Discipline: ETC	Semester-4th Summer-2023	Name of the Teaching Faculty: Sri Jogeswar Naik(Lect.. ETC Engg)
Sl. No.	Subject-Th.4(i)- DATA COMMUNICATION & COMPUTER NETWORK	No. Of Days/Week class allotted:04	Semester From date: 13.02.2023 To date: 23.05.2023 (No of weeks: 15)
	Weeks/Months	Class Day	Topic
1	2nd week 14 feb To 18 feb	1st	Network & Protocol
		2nd	Data Communication
		3rd	Protocol & Architecture
		4th	Protocol & Architecture
2	3th week 20 feb. To 25 feb	1st	Network & classification
		2nd	Standards, OSI, TCP/IP
		3rd	Standards, OSI, TCP/IP
		4th	Data transmission Concepts
3	4th week 27feb. To 04 th March	1st	Data transmission Concepts
		2nd	Terminology
		3rd	Analog and Digital Data transmission
		4th	Transmission impairments
4	1st week 06th March To 11th March	1st	Channel capacity
		2nd	Transmission media
		3rd	Guided Transmission,
		4th	Wireless Transmission
5	2nd week 13th March To 18th March	1st	Data Encoding
		2nd	Digital data digital signals,
		3rd	Digital data analog signals
		4th	Digital data analog signals
6	3th week 20th March To 25 th March	1st	Data Communication
		2nd	Data link control- Asynchronous and Synchronous
		3rd	Data link control- Asynchronous and Synchronous
		4th	Error Detection
7	4th week 27th March To 31st March	1st	Line configuration
		2nd	Flow Control
		3rd	Error Control
		4th	Multiplexing,
8	1st week 1st April to 08 April	1st	FDM synchronous TDM,
		2nd	FDM synchronous TDM,
		3rd	Statistical TDM
		4th	Switching & Routing
9	2nd week 10th April to 15 April	1st	Circuit Switching networks
		2nd	Packet Switching principles
		3rd	X.25
		4th	Routing in Packet switching
		5th	Congestion
10	3rd week 17th April to 22	1st	Effects of congestion
		2nd	congestion control

10	April	3rd	Traffic Management
		4th	Congestion Control in Packet Switching Network.
11	4th week 24th April to 29 April	1st	Congestion Control in Packet Switching Network.
		2nd	LAN Technology-Topology and Transmission Media
		3rd	LAN Technology-Topology and Transmission Media
		4th	LAN protocol architecture
12	1st week 01 May To 06 May	1st	Medium Access control
		2nd	Bridges
		3rd	Hub, Switch
		4th	Ethernet (CSMA/CD)
13	2nd week 08May. To 13 May	1st	Fiber Channel
		2nd	Wireless LAN Technology..
		3rd	TCP/IP-TCP/IP Protocol Suite
		4th	TCP/IP-TCP/IP Protocol Suite
14	3rd week 15 May. To 20 May	1st	Basic Protocol functions
		2nd	Basic Protocol functions
		3th	Principles of Internetworking
		4th	Principles of Internetworking
15	4th week 22 May. To 23 May	1st	Internet Protocol operations
		2nd	Internet Protocol operations
		3rd	Internet Protocol
		4th	Revision