



**SWAMI VIVEKANANDA SCHOOL OF ENGINEERING & TECHNOLOGY**  
**LESSION PLAN (SUMMER 2023)**

Discipline- CSE & ETC	Semester-4th	Faculty Name- Dillip Kumar Lenka
Subject- Data Communication and Computer Network	No of days/ per week class allotted-4	Semester from date- 14/02/2023 to 23/05/2023 No of weeks-16
Week	Class day	Theory Topics
FEB 3RD	14-02-23	Network & Protocol
	15-02-23	Data Communication, Networks
	17-02-23	Protocol & Architecture, Network Standards
FEB 4TH	20-02-23	OSI Model
	21-02-23	OSI Model
	24-02-23	TCP/IP Model
	25-02-23	Doubt clearing class
FEB 5TH	27-02-23	Data Transmission & Media
	28-02-23	Data transmission Concepts and Terminology
MAR 1ST	03-03-23	Analog Data transmission, Digital Data transmission
	04-03-23	Transmission impairments, Channel capacity, Transmission media
MAR 2ND	06-03-23	Guided Transmission
	07-03-23	Wireless Transmission
	10-03-23	Data encoding
	11-03-23	Digital data digital signals, Digital data analog signals
MAR 3RD	13-03-23	Analog data digital signals, Analog data analog signals
	14-03-23	Doubt clearing class
	17-03-23	Data Communication & Data link control
	18-03-23	Asynchronous and Synchronous Transmission
MAR 4TH	20-03-23	Error Detection, Line configuration, Flow Control, Error Control
	21-03-23	Multiplexing
	24-03-23	FDM synchronous
	25-03-23	TMD, Statistical TDM
MAR 5TH	27-03-23	Switching & Routing
	28-03-23	Circuit Switching networks
	31-03-23	Packet Switching principles
APR 2ND	03-04-23	X.25, Routing in Packet switching, Congestion
	04-04-23	Effects of congestion, congestion control
	08-04-23	Traffic Management
APR 3RD	10-04-23	Congestion Control in Packet Switching Network.
	11-04-23	Doubt clearing class
	15-04-23	Class Test
APR 4TH	17-04-23	LAN Technology
	18-04-23	Topology
	21-04-23	Transmission Media

APR 5TH	24-04-23	LAN protocol architecture
	25-04-23	LAN protocol architecture
	28-04-23	Medium Access control
	29-04-23	Bridges, Hub, Switch
MAY 1ST	01-05-23	Ethernet
	02-05-23	CSMA/CD
	05-05-23	Fiber Channel
	06-05-23	Wireless LAN Technology
MAY 2ND	08-05-23	Class Test
	09-05-23	TCP/IP
	12-05-23	TCP/IP Protocol Suite
	13-05-23	Basic Protocol functions
MAY 3RD	15-05-23	Principles of Internetworking
	16-05-23	Internetworking
	20-05-23	Internet Protocol operations
MAY 4TH	22-05-23	Internet Protocol operations
	23-05-23	Internet Protocol

Total no. of Classes: 52  
 No. of Theory Classes: 42  
 No. of Tutorial Classes: 5  
 No. of Digital Classes: 3  
 No. of PPT Classes: 2

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Computer Science & Engineering  
S.V.S.E.T., Madanpur

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