

Badriprasad Institute of Technology, Sambalpur

Lesson plan for Theory -2, DATA COMMUNICATION & COMPUTER NETWORK

Semester & Branch : 4TH SEM, ETC Engineering

Total Periods-60

Name of the faculty : MR. SARTHAK PANDA

No of periods /week-4

WEEK	CLASS DAY	THEORY
1ST	1ST	DATA COMMUNICATION
	2ND	NETWORKS
	3RD	PROTOCOL,ACHITECTURE ,STANDARDS
	4TH	TCP/IP
2ND	1ST	OSI
	2ND	DATA TRANSMISSION CONCEPTS AND TERMINOLOGY
	3RD	ANALOG DATA TRANSMISSION
	4TH	DIGITL DATA TRANSMISSION
3RD	1ST	TRANSMISSION IMPAIRMENTS,CHANNEL CAPACITY
	2ND	TRANSMISSION MEDIA
	3RD	GUIDED TRANSMISSION
	4TH	WIRELESS TRANSMISSION
4TH	1ST	DATA ENCODING
	2ND	DIGITAL DATA DIGITAL SIGNALS
	3RD	DIGITAL DATA ANALOG SIGNALS
	4TH	ANALOG DATA DIGITAL SIGNALS
5TH	1ST	ANALOG DATA ANALOG SIGNALS
	2ND	ASYNCHRONOUS TRANSMISSION
	3RD	SYNCHRONOUS TRANSMISSION
	4TH	ERROR DETECTION
6TH	1ST	LINE CONFIGURATION
	2ND	FLOW CONTROL
	3RD	ERROR CONTROL
	4TH	MULTIPLEXING
7TH	1ST	FDM SYNCHRONOUS TDM
	2ND	STATISTICAL TDM
	3RD	CIRCUIT SWITCHING NETWORK
	4TH	PACKET SWITCHING PRINCIPLES
8TH	1ST	X.25
	2ND	ROUTING IN PACKET SWITCHING
	3RD	CONGESTION
	4TH	EFFECTS OF CONGESTION
9TH	1ST	CONGESTION CONTROL
	2ND	TRAFFIC MANAGEMENT
	3RD	CONGESTION CONTROL IN PACKET SWITCHING NETWORK
	4TH	TOPOLOGY
10TH	1ST	TRANSMISSION MEDIA
	2ND	LAN PROTOCOL ARCHITECTURE
	3RD	MEDIUM ACESS CONTROL
	4TH	BRIDGES,HUB,SWITCH
11TH	1ST	CSMA/CD
	2ND	FIBER CHANNEL
	3RD	WIRELESS LAN TECHNOLOGY
	4TH	TCP/IP PROTOCOL SUITE
12TH	1ST	TCP/IP PROTOCOL SUITE
	2ND	BASIC PROTOCOL FUNCTION
	3RD	PRINCIPLE OF INTERNETWORKING
	4TH	INTERNET PROTOCOL OPERATIONS
13TH	1ST	INTERNET PROTOCOL OPERATIONS

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	2ND	INTERNET PROTOCOL
	3RD	INTERNET PROTOCOL
	4TH	INTERNET PROTOCOL
14TH	1ST	OBJECTIVE TYPES QUESTION DISCUSSION
	2ND	OBJECTIVE TYPES QUESTION DISCUSSION
	3RD	SEMESTER PATTERN QUESTION DISCUSSION
	4TH	SEMESTER PATTERN QUESTION DISCUSSION
15TH	1ST	DOUBT CLEAR OF SEMESTER PATTERN QUESTION
	2ND	DOUBT CLEAR OF SEMESTER PATTERN QUESTION
	3RD	DOUBT CLEAR OF SEMESTER PATTERN QUESTION
	4TH	PRACTICE TEST

Sign of Faculty

Sign of HOD