

SYNERGY POLYTECHNIC, BBSR

The Lesson Plan

Discipline: CSE	Semester: 4th	Name of the Teaching Faculty: madhusmita Nayan
Subject: DC & CN	No of Days/per week class allotted: 4	Semester from Date: 04.07.2025 to Date: 17.5.25
Week	Class Day	Theory/Practical Topics
1st	1st	Data Communication
	2nd	Continue Data Communication
	3rd	Networks
	4th	Continue Networks
	5th	
2nd	1st	protocol & Architecture
	2nd	standards
	3rd	OSI & Assignment-1
	4th	TCP/IP
	5th	
3rd	1st	Data transmission concept & Terminology
	2nd	Continue Data transmission concept & Terminology
	3rd	Analog & Digital Data transmission
	4th	Continue Analog & Digital Data transmission
	5th	
4th	1st	Transmission impairment
	2nd	channel capacity
	3rd	Transmission media, Guided Transmission
	4th	Wireless Transmission & Assignment-2
	5th	
5th	1st	Monthly Test -1
	2nd	Data encoding
	3rd	Digital data digital signal
	4th	Digital data analog signal
	5th	

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Subject:	No of Days/per week class allotted:	Semester from Date: to Date:
Week	Class Day	No of Weeks:
		Theory/Practical Topics
1st	1st	Continue Digital & Analog signal
	2nd	Analog data digital signal
	3rd	Continue Analog data digital signal
	4th	Analog data analog signal & Assignment-3
	5th	
2nd	1st	Continue analog data analog signal
	2nd	Asynchronous & Synchronous transmission
	3rd	Error Detection
	4th	Line configuration
	5th	
3rd	1st	Flow control
	2nd	Error control
	3rd	Multiplexing
	4th	FDM Synchronous TDM & Assignment-4
	5th	
4th	1st	Statistical TDM
	2nd	Monthly Test-2 & Quiz Test-1
	3rd	Circuit switching networks
	4th	Packet switching principle
	5th	
5th	1st	X-25
	2nd	Routing in packet switching
	3rd	Congestion
	4th	Continue congestion
	5th	

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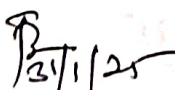
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Subject:	No of Days/per week class allotted:	Semester from Date: to Date: No of Weeks:
Week	Class Day	Theory/Practical Topics
1st	1st	Effects of Congestion congestion control
	2nd	Traffic management
	3rd	Congestion control in packet switching
	4th	Cont. Congestion control in packet switching
	5th	
2nd	1st	Topology & Transmission media
	2nd	Compare Topology & Transmission media
	3rd	LAN protocol Architecture
	4th	Medium access control
	5th	
3rd	1st	Bridge, Hub, Switch
	2nd	Compare Bridge, Hub, Switch
	3rd	Ethernet (CSMA/CD)
	4th	Fiber channel & Amendment -4
	5th	
4th	1st	Wireless LAN Technology
	2nd	Compare Wireless LAN Technology
	3rd	TCP/IP protocol Suite
	4th	Basic protocol function
	5th	
5th	1st	Principle of Internetworking
	2nd	Internet protocol operation
	3rd	Compare Internet protocol operation
	4th	Internet protocol operation
	5th	

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Subject:	No of Days/per week class allotted:	Semester from Date: to Date:
Week	Class Day	No of Weeks:
		Theory/Practical Topics
1st	1st	continue Internet protocol operation
	2nd	monthly Test-3. Quiz Test-2 &
	3rd	Assignment-5
	4th	
	5th	
2nd	1st	
	2nd	
	3rd	
	4th	
	5th	
3rd	1st	
	2nd	
	3rd	
	4th	
	5th	
4th	1st	
	2nd	
	3rd	
	4th	
	5th	
5th	1st	
	2nd	
	3rd	
	4th	
	5th	

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