

BHUBANANANDA ODISHA SCHOOL OF ENGINEERING, CUTTACK
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
LESSON PLAN

-Discipline: CSE	Semester: 4th	No. Of period available	Name of the Teaching Faculty: Somya Subhadarshini
Subject: DCCN	No. Of days/per week class allotted: 04 periods per week (Wed, Thurs ,Fri,Sat)		From Date 16-01-2024 To Date: -26-04-2024 No. Of Weeks: 15
WEEK	CLASS DAY		Topics to be covered
1st	17.01.2024	1	1. Network& Protocol 1.1 Data Communication
	18.01.2024	1	1.2 Networks
	19.01.2024	1	1.3 Protocol & Architecture, Standards, OSI, TCP/IP
	20.01.2024	1	2. Data Transmission & Media 2.1 Data transmission Concepts and Terminology
2nd	24.01.2024	1	2.2 Analog and Digital Data transmission
	25.01.2024	1	2.3 Transmission impairments, Channel capacity
	27.01.2024	1	2.4 Transmission media, Guided Transmission, Wireless Transmission
3rd	31.01.2024	1	Revision and doubt clearing Data Encoding 3.1 Data encoding,
	01.02.2024	1	3.2 Digital data digital signals,
	02.02. 2024	1	3.3 Digital data analog signals
	03.02. 2024	1	3.4 Analog data digital signals
4th	07.02.2024	1	3.5 Analog data analog signals
	08.02. 2024	1	Class test -1
	09.02. 2024	1	4. Data Communication & Data link control 4.1 Asynchronous and Synchronous Transmission
	10.02. 2024		4.2 Error Detection
5th	15.02. 2024	1	4.3 Line configuration
	16.02. 2024	1	4.4 Flow Control
	17.02. 2024	1	4.5 Error Control

6th	21.02. 2024	1	4.6 Multiplexing
	22.02. 2024	1	4.7 FDM synchronous TDM
	23.02. 2024	1	4.8 Statistical TDM
	24.02. 2024	1	Revision and doubt clearing 5. Switching & Routing 5.1 Circuit Switching networks
7th	28.02. 2024	1	5.2 Packet Switching principles
	29.02. 2024	1	5.3 X.25
	01.03. 2024	1	5.4 Routing in Packet switching
	02.03. 2024	1	5.5 Congestion
8th	06.03. 2024	1	5.6 Effects of congestion, congestion control
	07.03. 2024	1	5.7 Traffic Management
	08.03. 2024	1	5.8 Congestion Control in Packet Switching Network.
9th	13.03. 2024	1	Class test -2
	14.03. 2024	1	6. LAN Technology 6.1. Topology and Transmission Media
	15.03. 2024	1	6.2 LAN protocol architecture
	16.03. 2024	1	6.3. Medium Access control
10th	20.03. 2024	1	INTERNAL ASSESSMENT
	21.03. 2024	1	INTERNAL ASSESSMENT
	22.03. 2024	1	6.4 Bridges, Hub, Switch
	23.03.2024	1	6.5 Ethernet (CSMA/CD), Fiber Channel
11th	27.03.2024	1	6.6 Wireless LAN Technology
	28.03. 2024	1	7. TCP/IP 7.1 TCP/IP Protocol Suite
	30.03.2024	1	7.2 Basic Protocol functions
12th	03.04. 2024	1	7.3 Principles of Internetworking
	04.04. 2024	1	7.4 Internet Protocol operations
	05.04. 2024	1	7.5 Internet Protocol C
	06.04. 2024	1	Revision & Previous year question discussion
13th	10.04. 2024	1	Revision & Previous year question discussion
	12.04. 2024	1	Revision & Previous year question discussion
	13.04. 2024	1	Revision & Previous year question discussion
14th	18.04. 2024	1	Revision & Previous year question discussion
	19.04. 2024	1	Revision & Previous year question discussion
	20.04. 2024	1	Revision & Previous year question discussion
15th	24.04. 2024	1	Revision & Previous year question discussion
	25.04. 2024	1	Revision & Previous year question discussion
	26.04. 2024	1	Revision & Previous year question discussion