

<b>LESSON PLAN</b>		
Discipline: <b>IT</b>	Semester: <b>4th</b>	Name of the Teaching Faculty: <b>Ms. Supriya Mishra</b>
Subject: <b>NETWORKING LAB</b>	No. Of Days per week : <b>2</b> <b>(Mon &amp; Fri – 3 periods each)</b>	Semester: <b>From Date : 16-01-2024 To 26-04-2024</b>
<b>WEEK</b>	<b>CLASS DAY</b>	<b>THEORY/ PRACTICAL TOPICS</b>
1st	19-01-2024	<b>No Classes due to Centenary Celebrations of BOSE</b>
2nd	22-01-2024	<b>Interaction with new batch</b>
3rd	29-01-2024	<b>Syllabus Discussion &amp; Introduction to Networks</b>
	02-02-2024	Study of various network cables(UTP, STP, Coaxial, OFC) Study of various network topologies(Star, Ring, Bus)
4th	05-02-2024	Study of various types of Connectors(RJ45,RJ11,SCST,BNC)
	09-02-2024	Making of cross cable and straight cable
5th	12-02-2024	Installation of NIC on a Workstation
	16-02-2024	a. Introduction to IP Address b. Identifying IP Address of a Workstation c. Configuring IP Address of a Workstation
6th	19-02-2024	Managing user accounts in Windows.
	23-02-2024	Managing user accounts in LINUX
7th	26-02-2024	Sharing of Hardware Resources in Network
	01-03-2024	Study of use of NETSTAT command and its options
8th	04-03-2024	Study of use of PING command and its options
9th	11-03-2024	Study of use of IPCONFIG command and its options
	15-03-2024	Connectivity Troubleshooting using PING & IPCONFIG
10th	18-03-2024	Installation of Network Operating System Configuring NOS (Introduction to CISCO IOS)
	22-03-2024	Create a simple Network using CISCO Packet Tracer
11th	25-03-2024	Holiday
	29-03-2024	
12th	05-04-2024	Study of Switching and Routing Router and Switch Configuration Router and Switch Troubleshooting
13th	08-04-2024	LAN Design Principles
	12-04-2024	Configuring Primary WAN
14th	15-04-2024	Configuring IPv4 & IPv6 on Wireless Access Point
	19-04-2024	Introduction to Network Programming
15th	22-04-2024	Basic Network Troubleshooting Commands
	26-04-2024	<b>Last Date for submission of Practical Records by students</b>