

LESSON PLAN:		
Discipline: IT	Semester: 4th	Name of the Teaching Faculty: Ms. Supriya Mishra
Subject: NETWORKING LAB	No. Of Days per week : 2 (Mon & Fri - 3 periods each)	Semester: From Date:14-02-2023 To 23-05-2023
WEEK	CLASS DAY	THEORY /PRACTICAL TOPICS
1st	17-02-2023	Syllabus Discussion
2nd	20-02-2023	Introduction to Networks
	24-02-2023	Study of various network cables (UTP,STP,Coaxial,OFC)
3rd	27-02-2023	Study of various network topologies (Star, Ring, Bus)
	03-03-2023	Study of various types of Connectors (RJ45, RJ11, SCST, BNC)
4th	06-03-2023	Making of cross cable and straight cable
	10-03-2023	Installation of NIC on a Workstation
5th	13-03-2023	a. Introduction to IP Address b. Identifying IP Address of a Workstation c. Configuring IP Address of a Workstation
	17-03-2023	Managing user accounts in Windows.
6th	20-03-2023	Managing user accounts in LINUX
	24-03-2023	Sharing of Hardware Resources in Network
7th	27-03-2023	Study of use of NETSTAT command and its options
	31-03-2023	Study of use of PING command and its options
8th	03-04-2023	Study of use of IPCONFIG command and its options
9th	10-04-2023	Connectivity Troubleshooting using PING & IPCONFIG
10th	17-04-2023	Installation of Network Operating System Configuring NOS(Introduction to CISCO IOS)
	21-04-2023	Create a simple Network using CISCO PacketTracer
11th	24-04-2023	Study of Switching and Routing Router and Switch Configuration Router and Switch Troubleshooting
	28-04-2023	LAN Design Principles
12th	01-05-2023	Configuring Primary WAN
13th	08-05-2023	Configuring IPv4 & IPv6 on Wireless Access Point
	12-05-2023	Introduction to Network Programming
14th	15-05-2023	Basic Network Troubleshooting Commands
15th	22-05-2023	Last Date for submission of Practical Records by students