

## LESSON PLAN 2022 (SUMMER)

Discipline: Information Technology	Semester: 4th	Name of the Teaching faculty: Swetalina Das
Subject: Networking Lab	No.of Days/per week class allotted : 03 days 06 classes	Semester from date : 10/03/2022 to 10/06/2022 No. of weeks : 15
Week	Class Day	Theory / Practical Topics
1 <sup>st</sup>	10/03/22	Recognize the physical topology
	14/03/22	Cabling coaxial of a network
	16/03/22	Cabling OFCof a network,
2 <sup>nd</sup>	17/03/22	Cabling UTP of a network
	21/03/22	Cabling STP of a network.
	23/03/22	Recognition and use of connectors RJ-45
3 <sup>rd</sup>	24/03/22	Recognition and use of RJ-11
	26/03/22	Recognition and use of BNC
	28/03/22	Recognition and use of SCST
4 <sup>th</sup>	30/03/22	Making of cross cable
	31/03/22	Making of straight cable
	02/04/22	Install and configure a network interface card in a workstation.
5 <sup>th</sup>	04/04/22	Identify the IP address of a workstation and the class of the address
	06/04/22	Configure the IP Address on a workstation
	07/04/22	Managing user accounts in windows
6 <sup>th</sup>	11/04/22	Managing user accounts in windows LINUX
	13/04/22	Sharing of Hardware resources in the network.
	16/04/22	Use of Netstat and its options.
7 <sup>th</sup>	18/04/22	Connectivity troubleshooting using PING
	20/04/22	Connectivity troubleshooting using IPCONFIG
	21/04/22	Installation of Network Operating System(NOS)
8 <sup>th</sup>	25/04/22	Create a network of at least 6 computers.
	27/04/22	Practice of creating network
	28/04/22	Study of Layers of Network
9 <sup>th</sup>	30/04/22	Configuring Network Operating System
	02/05/22	Study of Routing
	04/05/22	Study of switching
10 <sup>th</sup>	05/05/22	Configuring of Switch
	07/05/22	Configuring of routers
	09/05/22	Troubleshooting of networks
11 <sup>th</sup>	11/05/22	Study of Scaling of Networks,
	12/05/22	Design verities of LAN and forward of Traffic
	18/05/22	Study WAN concepts
12 <sup>th</sup>	19/05/22	Configure WAN and forward Traffic in WAN

	21/05/22	Practice of Configuring WAN
	23/05/22	Configure IPv4 and learn Quality
13 <sup>th</sup>	25/05/22	Learn security and other services
	26/05/22	Configure IPv6 and learn Quality
	28/05/22	Learn security and other services
14 <sup>th</sup>	01/06/22	Learn Network programming
	02/06/22	Practice of network programming
	04/06/22	Troubles shoot Networks.
15 <sup>th</sup>	06/06/22	Practice/Doubt clearing
	08/06/22	Viva Questions Discussion
	09/06/22	Quiz Test of Practicals