## **LESSON PLAN**

Subject:   No. of days/week class allotted:   Three (3)   Semester from Date: 16.01.24 to Date: 26.04.24   No. of Weeks: 15	Discipline:	Semester:	Name of the Faculty:
Subject: Networking Lab (Pr class allotted: Three (3)  WEEK  CLASS DAY  PRACTICAL EXPERIMENTS  Recognize the physical topology and cabling (coaxial, OFC, UTP, STP) of a network.  1  Recognition and use of various types connectors RJ-45, RJ-11,BNC and SCST Making of cross cable and straight cable  2nd  3rd  Review Class  1st  linstall and configure a network interface card in a workstation  3rd  Review Class  1st  lenstall and configure a network interface card in a workstation  3rd  Review Class  1st  lentify the IP address of a workstation and the class of the address and configure the IP Address on a workstation  3rd  Review Class  1st  Managing user accounts in windows and LINUX	-		•
Networking Lab (Pr 2)	La re Liigg.	Tourth(4th)	Eli Frantoa Kamar Sana
Networking Lab (Pr 2)			
Networking Lab (Pr 2)	Subject:	No. of days/week	Semester from Date: 16.01.24 to Date:
Three (3)  No. of Weeks: 15  WEEK  CLASS DAY  PRACTICAL EXPERIMENTS  1st  Recognize the physical topology and cabling (coaxial, OFC, UTP, STP) of a network.  1st  Review Class  1st  Recognition and use of various types of connectors RJ-45, RJ-11,BNC and SCST Making of cross cable and straight cable  2nd  Review Class  1st  Install and configure a network interface card in a workstation  3rd  Review Class  1st  Install and configure a network interface card in a workstation  3rd  Review Class  1st  Identify the IP address of a workstation and the class of the address and configure the IP Address on a workstation  4th  Review Class  1st  Managing user accounts in windows and LINUX	_	,	·
WEEK  CLASS DAY  PRACTICAL EXPERIMENTS   1st  Recognize the physical topology and cabling (coaxial, OFC, UTP, STP) of a network.  3rd  Review Class  1st  Recognition and use of various types of connectors RJ-45, RJ-11,BNC and SCST Making of cross cable and straight cable  2nd  3rd  Review Class  1st  Install and configure a network interface card in a workstation  3rd  Review Class  1st  Identify the IP address of a workstation and the class of the address and configure the IP Address on a workstation  4th  3rd  Review Class  1st  Identify the IP address of a workstation and the class of the address and configure the IP Address on a workstation  4th  3rd  Review Class  Managing user accounts in windows and LINUX	•		· ·
1st   Recognize the physical topology and cabling (coaxial, OFC, UTP, STP) of a network.  2nd   Review Class   Recognition and use of various types of connectors RJ-45, RJ-11,BNC and SCST Making of cross cable and straight cable   2nd   3rd   Review Class   Install and configure a network interface card in a workstation   3rd   Review Class   Install and configure a network interface card in a workstation   3rd   Review Class   Identify the IP address of a workstation and the class of the address and configure the IP Address on a workstation   4th   3rd   Review Class   Ist   Managing user accounts in windows and LINUX	2)	111100 (3)	NO. Of Weeks. 13
(coaxial, OFC, UTP, STP) of a network.    1	WEEK	CLASS DAY	PRACTICAL EXPERIMENTS
(coaxial, OFC, UTP, STP) of a network.    2nd   3rd   Review Class		1 <sup>st</sup>	Recognize the physical topology and cabling
1st Review Class  1st Recognition and use of various types connectors RJ-45, RJ-11,BNC and SCST Making of cross cable and straight cable  2nd Review Class  1st Install and configure a network interface card in a workstation  3rd Review Class  1st Identify the IP address of a workstation and the class of the address and configure the IP Address on a workstation  4th Review Class  1st Managing user accounts in windows and LINUX			
3rd Review Class  1st Recognition and use of various types of connectors RJ-45, RJ-11,BNC and SCST Making of cross cable and straight cable  2nd Review Class  1st Install and configure a network interface card in a workstation  3rd Review Class  1st Identify the IP address of a workstation and the class of the address and configure the IP Address on a workstation  4th 3rd Review Class  1st Managing user accounts in windows and LINUX			(coaxiai, or c, ori , sii ) or a fictwork.
1st Recognition and use of various types connectors RJ-45, RJ-11,BNC and SCST Making of cross cable and straight cable  2nd Review Class  1st Install and configure a network interface card in a workstation  3rd Review Class  1st Identify the IP address of a workstation and the class of the address and configure the IP Address on a workstation  4th Review Class  1st Review Class	1	2 <sup>nd</sup>	
1st Recognition and use of various types connectors RJ-45, RJ-11,BNC and SCST Making of cross cable and straight cable  2nd Review Class  1st Install and configure a network interface card in a workstation  3rd Review Class  1st Identify the IP address of a workstation and the class of the address and configure the IP Address on a workstation  4th Review Class  1st Review Class		o rd	
2nd 2nd SCST Making of cross cable and straight cable  2nd Review Class  1st Install and configure a network interface card in a workstation  3rd Review Class  1st Identify the IP address of a workstation and the class of the address and configure the IP Address on a workstation  4th 3rd Review Class  1st Identify the IP address of a workstation and the class of the address and configure the IP Address on a workstation  4th Address on a workstation  4th Managing user accounts in windows and LINUX		3	Review Class
2nd 2nd SCST Making of cross cable and straight cable  2nd Review Class  1st Install and configure a network interface card in a workstation  3rd Review Class  1st Identify the IP address of a workstation and the class of the address and configure the IP Address on a workstation  4th 3rd Review Class  1st Identify the IP address of a workstation and the class of the address and configure the IP Address on a workstation  4th Address on a workstation  4th Managing user accounts in windows and LINUX		1 st	Recognition and use of various types of
2 <sup>nd</sup> Making of cross cable and straight cable  2 <sup>nd</sup> Review Class  1st Install and configure a network interface card in a workstation  3 <sup>rd</sup> Review Class  1st Identify the IP address of a workstation and the class of the address and configure the IP Address on a workstation  4 <sup>th</sup> 3 <sup>rd</sup> Review Class  1st Managing user accounts in windows and LINUX		_	,,
2 <sup>nd</sup> 3 <sup>rd</sup> Review Class  1st  Install and configure a network interface card in a workstation  3 <sup>rd</sup> Review Class  1st  Identify the IP address of a workstation and the class of the address and configure the IP Address on a workstation  4 <sup>th</sup> 3 <sup>rd</sup> Review Class  1st  Identify the IP address of a workstation and the class of the address and configure the IP Address on a workstation  4 <sup>th</sup> Review Class  Managing user accounts in windows and LINUX		2 <sup>nd</sup>	· · · · · · · · · · · · · · · · · · ·
1st Install and configure a network interface card in a workstation  3rd Review Class  1st Identify the IP address of a workstation and the class of the address and configure the IP Address on a workstation  4th 3rd Review Class  1st Managing user accounts in windows and LINUX		_	Making of cross cable and straight cable
Install and configure a network interface card in a workstation  3 <sup>rd</sup> Review Class  1 <sup>st</sup> Identify the IP address of a workstation and the class of the address and configure the IP Address on a workstation  4 <sup>th</sup> 3 <sup>rd</sup> Review Class  1 <sup>st</sup> Managing user accounts in windows and LINUX	2 <sup>nd</sup>	3 <sup>rd</sup>	Review Class
Install and configure a network interface card in a workstation  3 <sup>rd</sup> Review Class  1 <sup>st</sup> Identify the IP address of a workstation and the class of the address and configure the IP Address on a workstation  4 <sup>th</sup> 3 <sup>rd</sup> Review Class  1st  Managing user accounts in windows and LINUX		<b>1</b> st	
2 <sup>nd</sup> workstation  3 <sup>rd</sup> Review Class  1 <sup>st</sup> Identify the IP address of a workstation and the class of the address and configure the IP Address on a workstation  4 <sup>th</sup> 3 <sup>rd</sup> Review Class  1 <sup>st</sup> Managing user accounts in windows and LINUX		1	Install and configure a network interface card in a
3 <sup>rd</sup> Review Class  1 <sup>st</sup> Identify the IP address of a workstation and the class of the address and configure the IP Address on a workstation  4 <sup>th</sup> 3 <sup>rd</sup> Review Class  Managing user accounts in windows and LINUX		nd nd	
1st Identify the IP address of a workstation and the class of the address and configure the IP Address on a workstation  4th 3rd Review Class  1st Managing user accounts in windows and LINUX		2 <sup>nd</sup>	Workstation
1st Identify the IP address of a workstation and the class of the address and configure the IP Address on a workstation  4th 3rd Review Class  1st Managing user accounts in windows and LINUX	3 <sup>rd</sup>	ard	Pavian Class
class of the address and configure the IP Address on a workstation  4 <sup>th</sup> 3 <sup>rd</sup> Review Class  1 <sup>st</sup> Managing user accounts in windows and LINUX		3	Review Class
class of the address and configure the IP Address on a workstation  4 <sup>th</sup> 3 <sup>rd</sup> Review Class  1 <sup>st</sup> Managing user accounts in windows and LINUX		1 <sup>st</sup>	Identify the IP address of a workstation and the
2 <sup>nd</sup> IP Address on a workstation  4 <sup>th</sup> 3 <sup>rd</sup> Review Class  1 <sup>st</sup> Managing user accounts in windows and LINUX		_	•
4 <sup>th</sup> 3 <sup>rd</sup> Review Class  1 <sup>st</sup> Managing user accounts in windows and LINUX		2 <sup>nd</sup>	
1 <sup>st</sup> Managing user accounts in windows and LINUX			ii Address off a Workstation
Thanks, user descarte in thindens and Entern	4 <sup>th</sup>	3 <sup>rd</sup>	Review Class
Thanks, in grant and			
		1 <sup>st</sup>	Managing user accounts in windows and LINUX
I and I		2 <sup>nd</sup>	_
		2	
5 <sup>th</sup> 3 <sup>rd</sup> Review Class	5 <sup>th</sup>	3 <sup>rd</sup>	Review Class
INCVIEW Class			Review Class
1 <sup>st</sup> Sharing of Hardware resources in the network.	6 <sup>th</sup>	1 <sup>st</sup>	Sharing of Hardware resources in the network.
6 <sup>th</sup> 2 <sup>nd</sup>		2 <sup>nd</sup>	
3 <sup>rd</sup> Review Class		3 <sup>rd</sup>	Review Class
ast as		_ ct	
1 <sup>st</sup> Use of Net stat and its options.		1"	•
and i		and	
IPCONFIG IPCONFIG		2	IPCONFIG
7 <sup>th</sup> 3 <sup>rd</sup> Review Class	7 <sup>th</sup>	<b>3</b> rd	Review Class
INEVIEW Class	,		ICCICW Class
1 <sup>st</sup>		1 <sup>st</sup>	Later Haller and Market 1 Co., 1997
Installation of Network Operating System(NOS)			installation of Network Operating System(NOS)

8 <sup>th</sup>	2 <sup>nd</sup>	
8	2	
	3 <sup>rd</sup>	Review Class
	1 <sup>st</sup>	Create a network of at least 6 computers.
9 <sup>th</sup>	2 <sup>nd</sup>	
	3 <sup>rd</sup>	Review Class
	1 <sup>st</sup>	Study of Layers of Network and Configuring
		Network Operating System
10 <sup>th</sup>	2 <sup>nd</sup>	
10	3 <sup>rd</sup>	Review Class
	1 <sup>st</sup>	Study of Routing and Switching, configuring of Switch and Routers, troubleshooting of
	2 <sup>nd</sup>	networks
11 <sup>th</sup>	3 <sup>rd</sup>	Review Class
	1 <sup>st</sup>	Study of Scaling of Networks, Design verities of LAN and forward of Traffic
	2 <sup>nd</sup>	Exact and following of Traine
12 <sup>th</sup>	3 <sup>rd</sup>	Review Class
	1 <sup>st</sup>	Study WAN concepts and Configure and forward Traffic in WAN
	2 <sup>nd</sup>	Configure IPv4 and IPv6 and learn Quality,
13 <sup>th</sup>		security and other services
	3 <sup>rd</sup>	Review Class
	1 <sup>st</sup>	Learn Network programming
14 <sup>th</sup>	2 <sup>nd</sup>	
	3 <sup>rd</sup>	Review Class
	1 <sup>st</sup>	Troubles shoot Networks.
15 <sup>th</sup>	2 <sup>nd</sup>	
	3 <sup>rd</sup>	Review Class