

KIIT POLYTECHNIC, BHUBANESWAR

LESSON PLAN

Session (2023 -2024)

Discipline: Computer Science & Engineering	Semester: 6th Summer/2024	Name of the faculty: Swagatika Dalai Email Id: sdalaifcs@kp.kiit.ac.in
Subject: Network Security Lab (Pr.1)	No. of Days/week: 02 (2 periods / Day)	Start Date: 16/01//2024 End Date: 26/04/2024

Week	Class Day	Practical Topics
1 st	1st	Introduction to Network Security
	2nd	Installation of various anti virus software
2 nd	1st	Installation of various anti virus software(contd)
	2nd	Installation of various anti virus software(contd)
3 rd	1st	comparison of various anti virus software
	2nd	Revision/Assessment
4 th	1st	Study of various parameters of firewall.
	2nd	Study of various parameters of firewall(contd..)
5 th	1st	Installation of firewall.
	2nd	Installation of firewall(contd...)
6 th	1st	Revision/Assessment
	2nd	Writing program in C to Encrypt/Decrypt using XOR key
7 th	1st	Writing program in C to Encrypt/Decrypt using XOR key(contd.)
	2nd	Writing program in C to Encrypt/Decrypt using XOR key(contd.)
8 th	1st	Revision/Assessment

	2nd	Study of VPN
9 th	1st	Study of VPN(contd..)
	2nd	Study of VPN(contd..)
10 th	1st	Revision/Assessment
	2nd	Study of various hacking tools
11 th	1st	Study of various hacking tools(contd..)
	2nd	Study of various hacking tools(contd..)
12 th	1st	Revision/Assessment
	2nd	Practical applications of digital signature
13 th	1st	Practical applications of digital signature(contd..)
	2nd	Practical applications of digital signature(contd..)
14 th	1st	Practical applications of digital signature(contd..)
	2nd	Revision/Assessment
15 th	1st	Revision/Assessment
	2nd	Revision/Assessment