KIIT POLYTECHNIC, BHUBANESWAR

LESSON PLAN

Session (2022 -2023)

Discipline: Computer Science & Engineering	**Semester:** 6th Summer/2023	**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:** 13/02//2023 **End Date:** 23/05/2023

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

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