

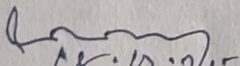
LESSON PLAN

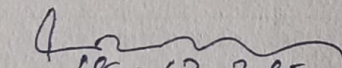
SUB: NETWORK SECURITY LAB
BRANCH:- COMPUTER SCIENCE & ENGG.
SEMESTER: 6th
NAME OF FACULTY: SOUDAGAR JENA (GF)



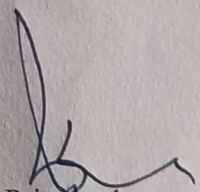
GOVERNMENT POLYTECHNIC, BHADRAK

SESSION: 2025-26


Hod, CSE


Academic Co-ordinator

Academic Co-ordinator


Principal
Govt. Polytechnic, Bhadrak

DEPARTMENT OF Computer Science & Engg.,

Discipline: Computer Science & Engineering	Semester: 6th Summer/2025	Name of the faculty: SOUDAGAR JENA(GF) Email Id: jenasoudagar@gmail.com
Subject: Network Security Lab (Pr.1)	No. of Days/week: 04 (2 periods / Day)	StartDate: 22.12.2025 EndDate: 18.04.2026

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

Sandhya Jena
Signature of Faculty