LESSON PLAN:		
Discipline: **IT**	Semester: **6th**	Name of the Teaching Faculty: **Ms. Supriya Mishra**
Subject: **NETWORK SECURITY LAB**	No. Of Days per week : **2** **(Wed & Fri - 2 periods each)**	Semester: **From Date:14-02-2023 To 23-05-2023**
WEEK	**CLASS DAY**	**THEORY /PRACTICAL TOPICS**
1st	15-02-2023	Syllabus Discussion
	17-02-2023	Introduction to Network Security
2nd	22-02-2023	Introduction to Anti Virus
	24-02-2023	Study of various AntiVirus Softwares available in Indian Markets
3rd	01-03-2023	Installation of AntiVirus Software
	03-03-2023	Comparison of various AntiVirus Softwares studied in Q3
4th	10-03-2023	Introduction to Firewall, Basic Working Principle of FW
5th	15-03-2023	Study of various Firewall Delivery Methods
	17-03-2023	Study of various parameters of Firewall
6th	22-03-2023	Study of various types of Firewall.
	24-03-2023	Firewall Configuration
7th	29-03-2023	Introduction to Cyptography
	31-03-2023	Difference between Substitution and Transposition Techniques in Cryptography
8th	05-04-2023	Study of various types of Cryptography(Symmetric Key,Asymmetric Key and Hash Functions)
9th	12-04-2023	WAP in C to perform ENCRYPTION using XOR key
10th	19-04-2023	WAP in C to perform DECRYPTION using XOR key
	21-04-2023	Introduction to VPN
11th	26-04-2023	
	28-04-2023	Introduction to Hacking.
12th	03-05-2023	Study of various hacking tools.
13th	10-05-2023	Introduction to Digital Signature
	12-05-2023	Practical applications of Digital Signature
14th	17-05-2023	**Last Date for submission of Practical Records by students**