

Lesson Plan (2019-2020)

Department – Computer Science

Subject- Information Security

Week	Date	BVSD-62 (Information Security)
1	01.01.2020	
	02.01.2020	Guru Gobind Singh Jayanti holiday
	03.01.2020	
	04.01.2020	
	05.01.2020	SUNDAY
2	06.01.2020	Introduction: Information Security
	07.01.2020	Introduction: What is Information Security, Security Goals
	08.01.2020	Cryptography – Crypto Basic
	09.01.2020	
	10.01.2020	
	11.01.2020	
3	12.01.2020	SUNDAY
	13.01.2020	Crypto Basic, Classic Cryptography
	14.01.2020	Symmetric Key Cryptography: Stream Ciphers
	15.01.2020	Block Ciphers, Feistel Cipher
	16.01.2020	
	17.01.2020	
	18.01.2020	
4	19.01.2020	SUNDAY
	20.01.2020	Revision
	21.01.2020	DES, Triple DES, AES
	22.01.2020	Public Key Cryptography: Knapsack, RSA
	23.01.2020	
	24.01.2020	
	25.01.2020	
5	26.01.2020	SUNDAY
	27.01.2020	Diffie-Hellman, use of Public Key Crypto-signature
	28.01.2020	Class Test
	29.01.2020	Confidentiality and Non-repudiation, Public Key Infrastructure
	30.01.2020	Basant Panchmi
	31.01.2020	
	01.02.2020	
6	02.02.2020	SUNDAY
	03.02.2020	Hash Function: The Birthday Problem, MD5
	04.02.2020	Assignment-1
	05.02.2020	SHA-1, Tiger Hash, Use of Hash Function
	06.02.2020	

	07.02.2020	
	08.02.2020	
	09.02.2020	SUNDAY
7	10.02.2020	Access Control
	11.02.2020	Sessional
	12.02.2020	Authentication and Authorization
	13.02.2020	
	14.02.2020	
	15.02.2020	
	16.02.2020	SUNDAY
8	17.02.2020	Authentication Methods, Passwords, Biometric
	18.02.2020	Single – Sign on, Authentication Protocol
	19.02.2020	Kerberos, Access Control Matrix
	20.02.2020	
	21.02.2020	Maha Shivratri
	22.02.2020	
	23.02.2020	SUNDAY
9	24.02.2020	ACLs, Multiple Level Security Model
	25.02.2020	Multilateral Security, Convert Channel, CAPTCHA
	26.02.2020	Revision
	27.02.2020	
	28.02.2020	
	29.02.2020	
	01.03.2020	SUNDAY
10	02.03.2020	Software Security – Software Flaws, Buffer Overflow
	03.03.2020	Revision
	04.03.2020	Doubts
	05.03.2020	
	06.03.2020	
	07.03.2020	
	08.03.2020	SUNDAY
11	09.03.2020	HOLI VACATIONS
	10.03.2020	
	11.03.2020	
	12.03.2020	
	13.03.2020	
	14.03.2020	

	15.03.2020	SUNDAY
12	16.03.2020	Incomplete Mediation, Race Conditions, Malware
	17.03.2020	Salami Attack, Linearization Attacks, Trusting Software
	18.03.2020	Assignment-2
	19.03.2020	
	20.03.2020	
	21.03.2020	
	22.03.2020	SUNDAY
	23.03.2020	Shaheedi diwas of Bhagat Singh
13	24.03.2020	Software Reverse Engineering, Digital Rights Management
	25.03.2020	Operating System and Security.
	26.03.2020	
	27.03.2020	
	28.03.2020	
14	29.03.2020	SUNDAY
	30.03.2020	Network Security – Network Security Basics, TCP/IP Model and Port No
	31.03.2020	Protocol Flaws, Enterprise Wide Network Design and Vulnerabilities Reconnaissance of Network
	01.04.2020	Packet Sniffing, Session Hijacking, ARP Spoofing, Web Site and Web Server Vulnerabilities
	02.04.2020	
	03.04.2020	
	04.04.2020	
	05.04.2020	SUNDAY
15	06.04.2020	MAHAVIR JAYANTI
	07.04.2020	Denial of Service, SSL and IPSec Protocol, Firewall
	08.04.2020	Intrusion Detection System, and Honey Pots, Email Security.
	09.04.2020	
	10.04.2020	
	11.04.2020	
	12.04.2020	SUNDAY
16	13.04.2020	doubts
	14.04.2020	Dr.BR.Amedkar Jayanti
	15.04.2020	Revision of unit-1

	16.04.2020	
	17.04.2020	
	18.04.2020	
	19.04.2020	SUNDAY
17	20.04.2020	Revision of unit-2
	21.04.2020	Revision of unit-3
	22.04.2020	Revision of unit-4
	23.04.2020	
	24.04.2020	
	25.04.2020	Parshuram Jayanti
	26.04.2020	SUNDAY
	27.04.2020	Revision
	28.04.2020	Revision of Previous Years Question Papers
	29.04.2020	Revision of Previous Years Question Papers
	30.04.2020	