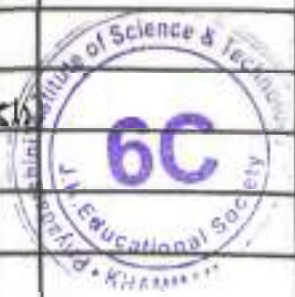


**Teaching Diary**  
**2021-22**

# **Cryptography and Network Security**

Sl. No.	DATE	PERIOD	TOPIC
1	7/9/2021	UNIT-1	the need for security
2	8/9/2021	IV	security approaches
3	9/9/2021	III	principles of security
4	11/9/2021	I	types of security attacks
5	13/9/2021	I	security services
6	14/9/2021	III	security mechanisms
7	15/9/2021	IV	-model for network security
8	16/9/2021	III	plaintext-the cipher-text
9	17/9/2021	II	substitution techniques
10	18/9/2021	I	transposition techniques
11	21/9/2021	I	encryption and decryption
12	23/9/2021	III	symmetric and asymmetric key
13	24/9/2021	II	steganography
14	28/9/2021	IV	key length and key size
15	29/9/2021	IV	possible types of attacks.
16	01/10/2021	UNIT-2	Block cipher principle
17	04/10/2021	I	DES
18	05/10/2021	II	AES
19	7/10/2021	III	Blowfish
20	8/10/2021	II	RC5
21	20/10/2021	IV	IDEA
22	21/10/2021	III	Block cipher operation
23	22/10/2021	II	stream cipher RC4
24	23/10/2021	I	principles of public key cryptography
25	26/10/2021	III	RSA algorithm
26	28/10/2021	III	ElGamal cryptography
27	29/10/2021	II	Diffie-Hellman key exchange
28	30/10/2021	IV	knapsack-algorithm
29	01/11/2021	UNIT-3	Message-Authentication
30	2/11/2021	III	secure hash algorithm SHA-1
31	3/11/2021	IV	authentication requirements
32	5/11/2021	III	HMAC
33	6/11/2021	IV	CMAC.



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34	16/11/2021	III	Digital signature ElGamal
35	18/11/2021	IV	Digital signature scheme
36	22/11/2021	I	symmetric key distribution using
37	23/11/2021	III	symmetric & asymmetric Encryption
38	26/11/2021	III	Distribution of public keys
39	29/11/2021	I	Kerberos
40	30/11/2021	III	Kerberos authentication service
41	2/12/2021	III	Public-key infrastructure
42	3/12/2021	UNIT-4 IV	websecurity considerations
43	6/12/2021	I	secure socket layer and transport layer
44	8/12/2021	IV	HTTPS
45	10/12/2021	III	secure shell (ssh)
46	13/12/2021	I	wireless security
47	15/12/2021	IV	Mobile devices security
48	17/12/2021	II	IEEE 802.11 wireless LAN
49	18/12/2021	IV	IEEE 802.11 wireless LAN security
50	27/12/2021	UNIT-5	pretty good privacy
51	29/12/2021	IV	SIMIME IP security
52	4/1/2022	III	IP security overview
53	5/1/2022	IV	IP security architecture
54	6/1/2022	III	Authentication header
55	7/1/2022	II	encapsulating security payload
56	10/1/2022	I	combining security associations
57	17/1/2022	I	Internet Key Exchange
58	19/1/2022	IV	secure multiparty calculation
59	21/1/2022	II	virtual elections
60	24/1/2022	I	single sign on
61	27/1/2022	III	secure inter-branch payment
62	28/1/2022	II	Transaction
63	29/1/2022	IV	cross site scripting
64	31/1/2022	I	vulnerability

