

CYBER SECURITY

1. Title of the Course: Cyber Security , Hands -on -training, workshop and Applications

2. Course Mentors: 1. Vaishali , Expert in Information Security and cyber forensics , Secure Hack, Vaishali.thakur@securehack.net , Contact No. 8219343315,

2. Uttam Singh, Expert in Cyber security, Secure Hack, uttam.singh@securehack.net, Contact No. 7056232015

3. Target Group: Graduation, Post - Graduation and faculty members

4. Fee Structure: 2200 /- per participant

5. Duration of the course: 26/06 /2022 - 14/07 /2022

6. Days and time of the course (Monday to Friday 10 to 1pm)

7. Eligibility of the Course: Open for CGC Landran and Non CGC Landran Students, researchers and faculties.

8. Objectives: After completion of the course, the participants will be able to

1. Discuss the basic principle and working of the Network and network Security

2. System Hacking 5. Session Hijacking, Firewalls, IDS, Hacking Web Servers

3. Malware threats 6. SQL injection and its types

4. Social Engineering

9. Cyber Security is a process that's designed to protect networks and devices from external threats. Businesses typically employ Cyber Security professionals to protect their confidential information, maintain employee productivity, and enhance customer confidence in products and services.

The world of Cyber Security revolves around the industry standard of confidentiality, integrity, and availability, or CIA. Privacy means data can be accessed only by authorized parties; integrity means information can be added, altered, or removed only by authorized users; and availability means systems, functions, and data must be available on -demand according to agreed-upon parameters.

The main element of Cyber Security is the use of authentication mechanisms. For example, a user name identifies an account that a user wants to access, while a password is a mechanism that proves the user is who he claims to be.

10. Uniqueness: Importance of backup and recovery.

Benefits of logging for applications.

Understand physical data security.

Importance of Cloud Security.

In computing, the relationship between privacy and data security.

Data leaks in mobile apps

Securing data and applications

11. Learning Outcomes of the Course: After completing this course students will be able to know the

- Basic principle and working of Network and network Security
- Scanning Network
- System Hacking
- Session Hijacking

12. Week/Day wise Plan of the Course:

➤ Networks and Network Security			- Day 1
	• Part	01	- 01 hrs
	• Part	02	- 02 hrs
➤ Footprinting and Reconnaissance			- Day 2
➤ Scanning Networks			- Day 3
➤ Enumeration			- Day 4
➤ Vulnerability Analysis			- Day 5
➤ System Hacking			- Day 6
	• Part	01	- 02 hrs
	• Task	01	- 01 hrs
➤ Malware Threats			- Day 7
➤ Sniffing	• Part	01	- Day 8 - 02 hrs
	• Task	02	- 01 hrs
➤ Social Engineering	• Part	01	- Day 9 - 01 hrs
	• Part	02	- 02 hrs
➤ Denial-of-Service			- Day 10
➤ Session Hijacking			- Day 11
➤ Evading IDS, Firewalls, and Honeypots	• Part	01	- Day 12 - 01 hrs
	• Part	02	- 02 hrs
➤ Hacking Web Servers			- Day 13
➤ Hacking Web Applications			- Day 14
	• Part	01	- 02 hrs
	• Part	02	- 01 hrs
➤ SQL Injection and Its Types	• Part	01	- Day 15 - 01 hrs
	• Task	03	- 02 hrs

Registration Link: https://docs.google.com/forms/d/1kn5_UxRNtUZRQOuWH-1KGqNEjr2LwLul1JdiVdrBcHA/edit#responses

Coordinator :-

Fees has to deposited in cash to Mr. Navneet Katoch

Contact number :- 09805346336



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