



TIAS/BCA/VAC/2022-2023/13

Date:30/1/2023

Course Completion Certificate

This is to certify that the course module for the Certificate Course in Virtuous Security scheduled from 26/12/22 to 28/1/23, comprising of 30 Hours, running in 2 batches deliverance has been completed by the resource person Mr. Harsh, with the module contents as under :-

S.No.	Contents Deliverance	Learning Outcomes
1	Introduction to Ethical Hacking (2 hr)	Understand the principles, methodologies, and legal considerations of ethical hacking.
2	Networking Fundamentals (3hr)	Identify and exploit vulnerabilities in computer systems, networks, and applications using ethical hacking techniques.
3	Information Gathering and Foot printing (4hr)	Conduct comprehensive reconnaissance and information gathering to assess the target environment.
4	Scanning and Enumeration (3 Hr)	Perform vulnerability assessments and penetration testing to identify and exploit weaknesses in network infrastructure and web applications.
5	System Hacking (2 hr)	Utilize various hacking tools and techniques, such as scanning, enumeration, and exploitation, to gain unauthorized access.
6	Web Application Security (3 Hr)	Demonstrate proficiency in different types of attacks, including network attacks, web application attacks, wireless attacks, and social engineering attacks.
7	Cryptography (2 Hr)	Understand the principles of cryptography and cryptographic attacks, as well as how to implement secure cryptographic practices.
8	Social Engineering (2 Hr)	Use advanced techniques for bypassing security controls, evading intrusion detection systems, and maintaining persistence on compromised systems.
9	Wireless Security (3 hr)	Understand and analyze malware, including reverse engineering and analyzing malicious code.
10	Incident Response and Digital Forensics (4 hr)	Apply techniques for securing computer systems and networks, including configuring firewalls, implementing intrusion detection and prevention systems, and implementing secure coding practices.
11	Introduction to Ethical Hacking (2 hr)	Develop skills in digital forensics to investigate security incidents, collect evidence, and analyze digital artifacts.

All the above contents are delivered to the best of my knowledge and belief and nothing is withheld.

Signature *Harsh*

Name of Faculty: Mr. Harsh

Submitted to HoD- Department of Information Communication and Technology, TIAS

HoD
BCA-TIAS

INTERNAL QUALITY ASSESSMENT CELL (IQAC)
TECNIA INSTITUTE OF ADVANCED STUDIES
NEW DELHI - 110085


Batch-1

Student Declaration

We would like to declare that the course module for value added course for three certificate course in virtuous security scheduled from 26.12.2022 to 28.01.2023 comprising of 30 hours by the resource person Mr. harsh, faculty in Department of ICT to our satisfaction and is able to help in developing our domain knowledge and capacity building.

SNo	Enrollment No	Name	Signature
01	00117002022	Ridham	Ridh
02	00921302422	Siya Luni	Siya
03	35217002022	Riya Jain	Riya
04	04817002022	Shivam Tiwari	Shivam
05	85317002020	Bhavya Sharma	Bhavya
06	00121301722	Nilesh Kumar	Nilesh
07	35617002022	Tharuni Khanna	Tharuni
08	00817002022	Vaibhav	Vaibhav
09	00421301722	Amushka Jain	Amushka
10	02017002022	Vaishvi Sharma	Vaishvi
11	02417002022	Naman Sangwan	Naman
12	01417002022	Tushar Singh	Tushar
13	01617002022	MD Adnan	Adnan
14	35417002020	Karan Malhotra	Karan
15	02517002022	Khushi Verma	Khushi
16	0217002022	Deepak Bishit	Deepak
17	02817002022	Kunal Kohas	Kunal
18	04617002020	Yash Sharma	Yash
19	85317002022	Khushi Sharma	Khushi


HoD
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TECNA INSTITUTE OF ADVANCED STUDIES
NEW DELHI - 110085

Batch-2

Student Declaration

We would like to declare all the course modules for Value Added Course for the Certificate Course in Virtuous Security scheduled from 26.12.2022 to 28.01.2023 comprising of 30 hours by the resource person Mr. Harsh, Faculty in Department of ICT to our satisfaction and is able to help in developing our domain knowledge and capacity building.

S. No.	Enrollment No.	Student's Name	Signature
1	121302022	ROHIT TANWAR	<u>Rohit</u>
2	00221302022	DALEEP SINGH RANAT	<u>Daleep</u>
3	00321302022	Shankar Suman	<u>Shankar</u>
4	00721302022	Phalguni Kansal	<u>Phalguni</u>
5	00521302022	Pratham Bhayana	<u>Pratham</u>
6	00621302022	MANKIRAT SINGH	<u>Mankirat Singh</u>
7	00721302022	Phalguni Kansal	<u>Phalguni</u>
8	01721302022	Shrey Mishra	<u>Shrey</u>
9	03721302022	Sana	<u>Sana</u>
10	01021302022	Yuvraj Munjal	<u>Yuvraj</u>
11	04421302022	Himanshu	<u>Himanshu</u>
12	01221302022	Harshita Setia	<u>Harshita</u>
13	02121302022	Ajeet Singh	<u>Ajeet</u>
14	03321302022	Kunal Sahu	<u>Kunal Sahu</u>
15	01521302022	Aarjit Yadav	<u>Aarjit</u>
16	02521302022	Karthik Batra	<u>Karthik</u>
17	35221302022	Saizyam Jais	<u>Saizyam</u>

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