



**TECNIA**  
INSTITUTE OF ADVANCED STUDIES  
GRADE "A" INSTITUTE  
DELHI INDIA

Department of Information  
Communication & Technology

**Report  
On**

**Value Added Course: Certificate Course in Advance Ethical Hacking (Batch-1)**

**ACTIVITY :Value Added Course**

**TITLE :** Certificate Course in Advance Ethical Hacking

**VALUES:** Domain Knowledge; Modern Tool Usage; Professional Ethical Edification

**LEARNING OUTCOMES:** At the end of the course

- Learn advanced techniques
- Understanding of cryptography principles
- Learn advanced web application hacking techniques
- To develop their own exploits and payloads to take advantage of vulnerabilities in systems.

**Organized by :**Department of Information Communication & Technology

**Program Theme :**Value Added Course of Advance Ethical Hacking

**Internal Expert :**Mr. Harsh

**Date** : 2-05-2022 to 19-05-2022

**Time** : 2:00-4:00

**Venue** : Online, MS Team

**Poster/Flyer**



**Department of Information  
Communication & Technology**



## Certificate Course in Advanced Ethical Hacking

**Online Mode  
Duration: 30 Hours  
Timing: 2:00-4:00 PM (Batch-1)  
5:00-7:00 PM (Batch-2)**

### Preface:

Value Added Course are augmented as per NEP 2020; Envisage Modern Tool Usage, Learners to up-skill their skillsets; Bridging the gap between academia and corporate requirements; VAC Certificate In Office Automation will be able to attain as under:-

- Broadening of Domain Knowledge
- Apply techniques of appropriate software's validation
- Acquire technical skills to lead as productive IT Professional
- Enhancing Employability

### Learning Outcomes:

At the end of this Course student will be able to:

- Learn advanced techniques.
- Understanding of cryptography principles.
- Learn advanced web application hacking techniques.
- To develop their own exploits and payloads to take advantage of vulnerabilities in systems.

### Note:

- Batches will commence w.e.f 02.05.2022.
- Each batch shall comprise of 60 students only.
- Minimum 75% attendance is required by the candidate for assessment.
- Assessment will be made on the basis of Viva Voce on 20/5/2022.
- Successful learners after assessment will get the certificate of the VAC.

**Resource Person  
Mr. Harsh**

**Registration  
Date: 16.04.2022**

### VAC Contents :

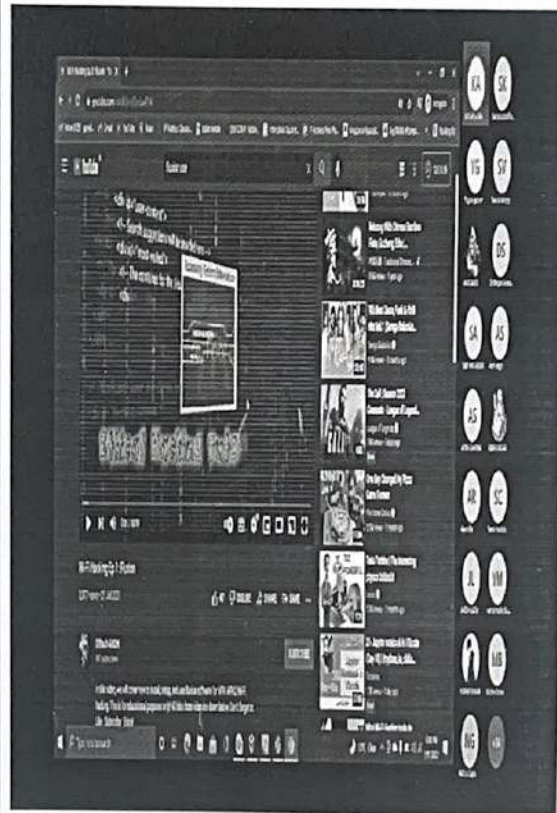
- Introduction to Ethical Hacking. (2 Hr)
- Advanced Web Application Security. (3 Hr)
- Advanced Exploitation Techniques. (2 Hr)
- Advanced Cryptography. (2 Hr)
- Advanced Malware Analysis and Reverse Engineering. (3 Hr)
- Advanced Social Engineering. (2 Hr)
- Advanced Wireless Security. (2 Hr)
- Cloud Security and Virtualization. (2 Hr)
- Advanced Incident Response and Forensics. (4 Hr)
- Red Team Operations. (3 Hr)
- IoT (Internet of Things) Security. (3 Hr)
- Mobile Application Security (2 Hr)

*For any queries related for the VAC Certification course, Please Feel Free to Contact  
Dr. Deepak Sonker  
VAC Coordinator  
9711788920*

Social media link (promoting in any one Facebook/Instagram/Twitter is mandatory)	<a href="https://www.instagram.com/tecniaofficial?igsh=MXdxdzZwb2EwaWszNg==">https://www.instagram.com/tecniaofficial?igsh=MXdxdzZwb2EwaWszNg==</a>
No. of Students(only no. to be written, list in excel or word should be maintain at department level as proof for any further requirement)	60
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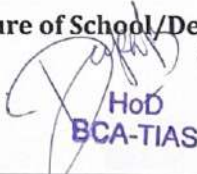
**Photograph**

Photograph



**Report: Description in (min 250 to max 800 words)**

The Advanced Ethical Hacking Course was conducted with the objective of providing participants with advanced skills and techniques in ethical hacking. The course aimed to equip participants with the knowledge and practical experience necessary to identify and mitigate security vulnerabilities in computer systems, networks, and applications. Participants learned advanced techniques for penetrating and assessing the security of computer systems, including network infrastructure, web applications, and wireless networks. This included methods such as privilege escalation, lateral movement, and persistence.

	<p>The Advanced Ethical Hacking Course provided participants with a comprehensive understanding of advanced hacking techniques and methodologies. By combining theoretical knowledge with practical hands-on experience, the course equipped participants with the skills necessary to succeed in the field of ethical hacking and cybersecurity.</p> <p>Overall, the course was successful in achieving its objectives and empowering participants with the expertise needed to effectively secure computer systems and networks against cyber threats.</p>
<b>Resource Person Profile</b>	Mr. Harsh is working in MNC as a Software Developer, he has 6 years of experience in Industry; his expertise in Ethical hacking, cyber security.
<b>Attendance Sheet</b>	Attached
<b>Feedback</b>	Sample feedback Attached
<b>Report Submitted by VAC Coordinator</b> ( <i>write faculty coordinator name</i> )	Dr. Deepak Sonker
<i>For Office Use</i>	
<b>Signature of VAC Coordinator</b>	<b>Signature of School/Department Head</b>
	 HoD BCA-TIAS



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**Report  
On  
Value Added Course: Certificate Course in Advance Ethical Hacking  
(Batch-2)**

**ACTIVITY : Value Added Course**

**TITLE :** Certificate Course in Advance Ethical Hacking

**VALUES:** Domain Knowledge; Modern Tool Usage; Professional Ethical Edification

**LEARNING OUTCOMES:** At the end of the course

- Learn advanced techniques
- Understanding of cryptography principles
- Learn advanced web application hacking techniques

To develop their own exploits and payloads to take advantage of vulnerabilities in systems.

**Organized by :** Department of Information Communication & Technology

**Program Theme :** Value Added Course of Advance Ethical Hacking

**Internal Expert :** Mr. Harsh

**Date** : 2-05-2022 to 19-05-2022

**Time** : 5:00-7:00

**Venue** : Online, MS Team

**Poster/Flyer**



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## Certificate Course in Advanced Ethical Hacking

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**Timing: 2:00–4:00 PM (Batch-1)**  
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### Learning Outcomes:

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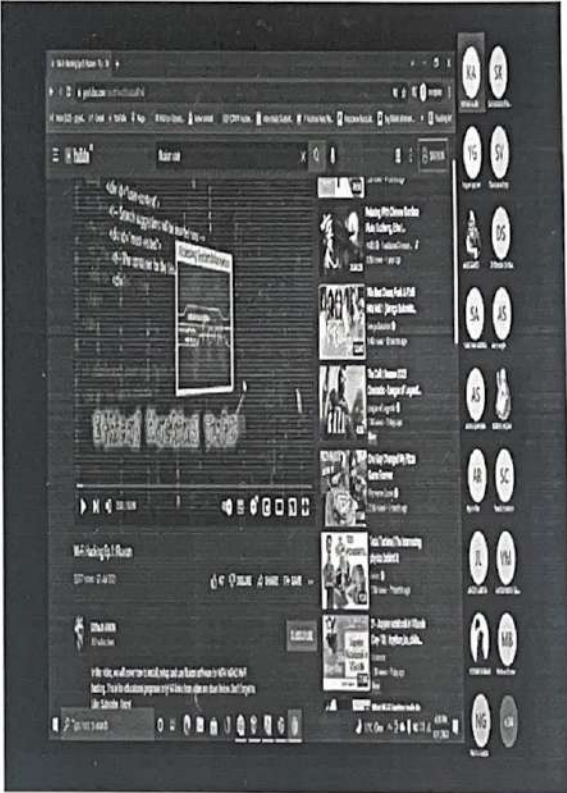
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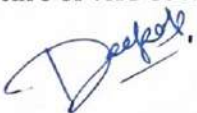
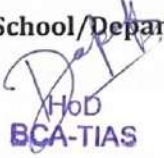
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**VAC Coordinator**  
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