



# Ethical Hacking

## Certificate in Ethical Hacking

### 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:

- Foundations of Cyber Security Concepts
- Cryptography and Cryptanalysis
- Infrastructure and Network Security
- Cyber Security Vulnerabilities & Safe Guards

### Note:

- Batches will commence w.e.f 03.01.2022 at 5:00 P.M. .
- Each batch shall comprise of 60 students only.
- Minimum 80% attendance is required by the candidate for assessment.
- Assessment will be made on the basis of Viva Voice, PCA and Written/Practical Exam on 29.01.2022.
- Successful learners after assessment will get the certificate of the VAC.

Duration: 30 Hours

Timing: 5:00 to 7:00 P.M

**Resource Person**  
**Mr. Harsh**

**Registration**  
**Date: 23.12.2021**

### VAC Contents :

- Introduction to Ethical Hacking. (2 Hrs)
- Networking Fundamentals. (3 Hrs)
- Information Gathering and Footprinting. (4 Hrs)
- Scanning and Enumeration. (3 Hrs)
- System Hacking. (2 Hrs)
- Web Application Security. (4 Hrs)
- Cryptography. (2 Hrs)
- Social Engineering. (2 Hrs)
- Wireless Security. (3 Hrs)
- Incident Response and Digital Forensic. (5 Hrs)

*For any queries related for the VAC Certification course, Please Feel Free to Contact*  
Dr. Y.P. Singh  
VAC Coordinator