NIELIT

Digital India
Power To Empower

Ethical Hacking & Information Security

Course in Ethical Hacking and Information Security
4 Weeks Online Course

4 Weeks. (3 Hrs. per day)
Timing: - 2:00 PM to 05:00 PM

Objective

This course introduces the concepts of Ethical Hacking and gives the learner the opportunity to learn about different tools and techniques in Ethical hacking and security. Identify and analyze the stages an ethical hacker requires to take in order to compromise a target system as well as will apply preventive, corrective and protective measures to safeguard the system. After the completion of this course candidate would be able to Identify tools and techniques to carry out a penetration testing and critically evaluate security techniques used to protect system and user data and it will also help to demonstrate systematic understanding of the concepts of security at the level of policy and strategy in a computer system.

B.E*/B.Tech.* / MCA*/M Sc. (IT/CS), BCA* or
3 Year Polytechnic Diploma in CS/IT *
(Note: *pursuing candidate can also apply)
Or O Level/ Graduate (Any Stream) with Working Knowledge of Computer as well as Operating System.

Eligibility

Prerequisite

✓ Candidate must have latest computer/laptop with preferably 4 GB RAM or higher and Graphics Card (2 GB)
✓ Internet connection with good speed *(preferably 2 Mbps or higher)*

Rs. 2100/- incl. GST & all other charges.

Course Fees

Certificate

Certificate will be provided to the participants, based on minimum 75% attendance and on performance (minimum 50% marks) in the online test, conducted at the end of the course.

✓ Instructor-led live classes.
✓ Instructor-led hands-on lab sessions.
✓ Content Access through e-Learning portal.
✓ Assessment and Certification

Methodology

Step-1: Read the course structure & course requirements carefully.

Step-2: Visit the Registration portal and click on apply button.

How to Apply

Step-3: Create your login credentials and fill up all the details, see the preview and submit the form.

Step-4: Login with your credentials to verify the mobile number, email ID and then upload the documents, Lock the profile and Pay the Fees online, using ATM-Debit Card / Credit Card / Internet Banking / UPI etc.

National Institute of Electronics & Information Technology
Gorakhpur – Extension Centre Lucknow
(Under Ministry of Electronics and Information Technology, Govt. of India)

MMMUT Campus, Deoria Road, Gorakhpur-273010

http://www.nielit.gov.in/gorakhpur/

Course Content

Day	Topic	Day	Topic	Day	Topic
Day #01	NETWORK PRIMER -I	Day #02	NETWORK PRIMER –II	Day #03	NETWORK PRIMER –III
Day #04	INFORMATION GATHERING	Day #05	SNIFFING, ARP CACHE POISONING & MITM ATTACKS.	Day #06	PASSWORD CRACKING
Day #07	IP SPOOFING & DENIAL OF SERVICE	Day #08	TROJAN, BACKDOOR AND VIRUS	Day #09	STEGANOGRAPHY-I
Day #10	STEGANOGRAPHY-II	Day #11	E-MAIL SECURITY	Day #12	SECURING E-MAIL COMMUNICATION
Day #13	WEB APPLICATION SECURITY –I	Day #14	WEB APPLICATION SECURITY –II	Day #15	WEB APPLICATION SECURITY -III
Day #16	NETWORK TRAFFIC ENCRYPTION	Day #17	INDRUSION DETECTION SYSTEM	Day #18	NETWORK SECURITY-I
Day #19	NETWORK SECURITY-II	Day #20	PENETRATION TESTING USING METASPLOIT		

Course Coordinator

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