



PRESENTS

“Winter Internship Program”

Ethical Hacking

Duration 15 Days

Kit Partner

ROBOMART.com

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Course Name : **Ethical Hacking**
Certification : By Robosapiens Technologies Pvt. Ltd.
Fee : 7900/- Only (Including All Taxes)
LIVE Projects Covered : **MORE THAN 25 Projects** Covered in 15 Days

Detailed Course Content

1. Introduction to Ethical Hacking

- 1.1. What is hacking?
- 1.2. Kinds of hacking.
- 1.3. Who is hacker?
- 1.4. What do hackers do?
- 1.5. Types of attacking system
- 1.6. Why ethical hacking is necessary?
- 1.7. Scope and limitations of ethical hacking.

2. Introduction to Networking

- 2.1. What is networking?
- 2.2. Various topologies used in a network.
- 2.3. What is OSI and TCP/IP protocol.
- 2.4. Working of OSI and TCP/IP protocol
- 2.5. Networking devices and its working.
- 2.6. IP Subnetting

3. Introduction to Internet

- 3.1. What is internet?
- 3.2. What is intranet and extranet?
- 3.3. What is Google hacking and its benefits?

4. Windows OS Hacking

- 4.1. What is meant by Windows hacking?
- 4.2. What is command prompt in windows?
- 4.3. Major commands for Windows hacking.
- 4.4. How to create a bootable pen drive?
- 4.5. How to change permissions of windows files?

5. Phishing

- 5.1. What is phishing?
- 5.2. How to create a fake page?
- 5.3. How to identify a fake page?
- 5.4. How to create a local server?
- 5.5. How to create a free domain?
- 5.6. What is URL shortner?
- 5.7. Software required and their use.

6. Steganography

- 6.1. What is Steganography?
- 6.2. A big confusion "Steganoraphy or Stenography".
- 6.3. Types of steganography.

7. Social Engineering Attack

- 7.1. What is social engineering attack?
- 7.2. Why it is a powerful tool?
- 7.3. Why is Social Engineering attack effective?

8. DOS ATTACK

- 8.1. What are dos attack?
- 8.2. 'LOIC 'as a dos attack tool.

9. Fake Emails

- 9.1. What are fake emails?
- 9.2. How can we send fake emails?
- 9.3. How can we detect fake emails?
- 9.4. How to make fake calls?

10. Virus

- 10.1. What is virus?
- 10.2. What is batch programming

11. Session Hijacking

- 11.1. What is session hijacking?
- 11.2. What is man in the middle attack?

12. SQL Injection

- 12.1. What is SQL?
- 12.2. What is meant by SQL Injection?
- 12.3. Understanding basic SQL commands involved in hacking.
- 12.4. How to search a link vulnerable for SQL injection?

13 Fake SMS

- 13.1. What is Fake mail?
- 13.2. How to send Fake mail?
- 13.3. How to prevent Fake mail?

14. Fake Call

- 14.1. What is Fake Call?
- 14.2. How to send Fake Call?
- 14.3. How to prevent Fake Call?

15. XSS Attack

- 15.1. What is XSS attack?
- 15.2. XSS attack using Havij.
- 15.3. How to prevent XSS attack?

16. MITM Attack

- 16.1. What is MITM attack?
- 16.2. How to use MITM Tool Live?
- 16.3. How to prevent MITM attack?

17. Reverse Engineering


- 17.1. What is Reverse Engineering attack?
- 17.2. How to prevent Reverse Engineering attack?

LIVE Projects Covered

1. Live demonstration of Google dorks.
2. Magic of 94FBR
3. Hacking through command prompt.
4. Hacking through a live booting.
5. Creation of free domain
6. Facebook account hacking on local server.
7. Gmail account hacking on local server.
8. Facebook account hacking on real server.
9. Gmail account hacking on real server.
10. Hide a text file in an image file.
11. Hide a text file in an audio/video file.
12. Hide executable file in an image file.
13. A scenario showing social engineering attack
14. DOS ATTACK on a weak website.
15. Sending a fake email

16. Sending a fake SMS
 17. Sending a Fake Call
 18. Creation of a virus to automatically shut down the computer.
 19. Shutdown the laptop by sending an email.
 20. Creation of virtual environment for session hijacking.
 21. Sniffing of username and password from a virtual network.
 22. Sniffing of username and password from a Real server.
 23. Preparation of MySQL database & executing SQL commands.
 24. SQL Injection to hack a website using Havij.
 25. Wi-Fi Attack using command prompt
 26. Wi-Fi Attack using Fern Wi-Fi cracker live
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15 Days KIT Contains

S. No.	Name of the Component	Quantity	Figure
1	Robosapien's Educational and Software Material CD	1	

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