● LIVE COURSE

# CYBER SECURITY & ETHICAL HACKING COURSE

BEGINNER TO ADVANCE

**MENTOR: MR. RAJNISH KUMAR**

*ORGANIZED BY*

IN
PARTNERSHIP
WITH

**CYBERXIELD**
UNBREAKABLE SHIELD, UNMATCHED SECURITY

**CYBERARCH**
YOUR INFOSEC LEADER

# ABOUT THE COURSE

## COURSE OVERVIEW

Are you interested in exploring the fascinating world of cybersecurity and ethical hacking with hands-on practical experience? Look no further! Our live course, **"Cyber Security and Ethical Hacking Course - Beginner to Advance**," is designed to provide you with a comprehensive foundation and organizational level knowledge in many critical fields.

## COURSE DESCRIPTION

In this course, you'll embark on a journey guided by our expert mentor, **MR. RAJNISH KUMAR**, who possesses a wealth of knowledge and experience in the cybersecurity and ethical hacking domains. The curriculum is thoughtfully crafted to take you from a beginner's level to an advanced understanding, equipping you with the skills and knowledge necessary to excel in this dynamic field.

## COURSE HIGHLIGHTS

- **Practical Focus:** We emphasize hands-on learning, dedicating 80% of the course to practical exercises and real-world simulations. You'll gain invaluable experience by tackling practical challenges and mastering essential tools and techniques.
- **Theoretical Foundation:** While practice is essential, we also provide a strong theoretical foundation, covering the fundamental principles and concepts behind cybersecurity and ethical hacking.
- **Interactive Q&A Sessions:** Our commitment to your success extends to seventh day a week (every Sunday). You'll have access to live Q&A sessions with MR. RAJNISH KUMAR and other industry experts, ensuring that all your doubts are promptly addressed.
- **Knowledge Assessment in Security (K.A.S.):** To enhance your practical skills and track your progress, we have incorporated "Knowledge Assessment in Security (K.A.S.)." This feature allows you to evaluate your understanding and receive constructive feedback, ensuring your continuous growth.
- **Live Instruction:** The course will be entirely live, offering you a dynamic and interactive learning experience. You'll be able to engage with the instructor and fellow students in real-time.

# COURSE SCHEDULE

Total Period: 45 Days + Add-On Doubt Sessions + 5 K.A.S.
Start Date: October 01st, 2023
End Date: November 30th, 2023 (Estimated)
Night Timing: 9:00 PM – 10:30 PM (IST) Daily (Except Sunday)

# PERKS

❖ **Certificate Of Achievement** on Course Completion awarded by Cyberarch.
❖ **Letter Of Recommendation** awarded by Cyberarch.
❖ Necessary Notes & Resources will be provided during the course.
❖ Direct Career Assistance Over WhatsApp Even After Course Completion.
❖ Free Entry in Our WhatsApp Group & Telegram Hacking Community for Group Discussion, hacking books, tools & software and many other resources.
❖ Top 3 Performers of the Batch Will Get **1 Month TryHackMe Voucher for Free**.

Whether you're a complete novice or someone looking to deepen their knowledge in cybersecurity and ethical hacking, this course is tailored to meet your needs. By the end of the program, you'll be well-prepared to tackle the challenges of the digital age and embark on a rewarding career in the field of cybersecurity.

Don't miss this opportunity to gain practical skills, theoretical knowledge, and access to an industrial expert guidance.

Join us on this exciting journey into the world of cybersecurity and ethical hacking!
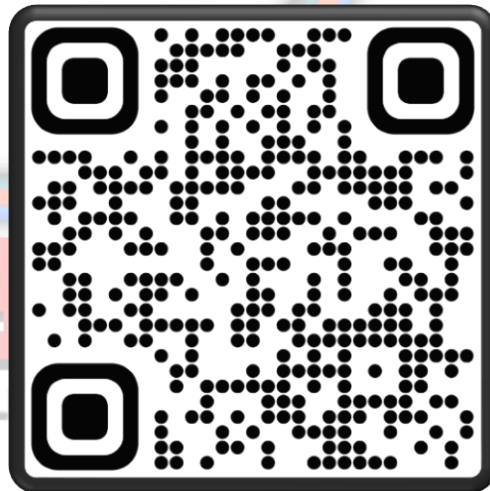
# REGISTER YOURSELF

## FOR MORE DETAILS ABOUT THE COURSE ON EMAIL

## &

## TO DO FURTHER REGISTRATION

## https://bit.ly/cyberxield-register

**SCAN THE QR CODE FROM YOUR MOBILE**



**TO REGISTER NOW**

# COURSE CONTENTS

## PHASE 1 : BASICS OF HACKING

1. Introduction To Ethical Hacking
2. How to develop an ethical mindset?
3. Hacking Setup & Installations
4. Basic Linux Commands
5. Basic of Networking

### K.A.S. – 1
### DOUBT SESSION OF BASICS

## PHASE 2 : VULNERABILITY ASSESSMENT

6. Creating Secure Hacking Environment
7. Foot Printing & Reconnaissance
8. Scanning + Detailed NMAP
9. Enumeration
10. Vulnerability Analysis

### K.A.S. – 2
### DOUBT SESSIONS ON SUNDAY

## PHASE 3 : GAINING SYSTEM ACCESS

11. Anonimity
12. Hacking of Systems
13. Malware & Threats
14. Sniffing & Spoofing
15. Deep Social Engineering
16. Denial-of-Service

### K.A.S. – 3
### DOUBT SESSIONS ON SUNDAY

## PHASE 4 : WEBSITE BUG HUNTINGS

17. Session Hijacking
18. Evading IDS, Firewalls, and Honeypots
19. Hacking Web Servers
20. Hacking Web Applications
21. SQL Injection
22. Writing Pen-Testing Reports (with or without GPTs)

### K.A.S. – 4
### DOUBT SESSIONS ON SUNDAY

## PHASE 5 : HACK THE MOBILE, IOT & OT

23. Hacking Of Wireless Networks
24. Hacking Of Mobile Platforms
25. IoT Hacking & OT Hacking
26. The Cloud Computing
27. The Final Theory of Cryptography
28. Testing Using Different Frameworks

### K.A.S. – 5
### DOUBT SESSIONS ON SUNDAY

## AT LAST, 1 CAREER TALK WITH ALL STUDENTS

# PREREQUISITES

The prerequisites outlined below encompass fundamental skills and essential system requirements necessary to successfully engage in the course content. These prerequisites serve as foundational knowledge and resources that are crucial for a comprehensive understanding of the course material.

We value your commitment to enhancing your knowledge and skills, and we are dedicated to supporting your educational journey every step of the way. Should you have any questions or require further clarification regarding these prerequisites, please do not hesitate to reach out to our support team. Your success in the course is our top priority.

## BASIC SKILLS

- **Basic Computer Skills**
  o Participants should have a fundamental understanding of how to use a computer, including navigating the operating system, using basic software applications, and file management.
- **Learning Mindset**
  o **Curiosity:** A strong desire to learn and a curious mindset are crucial for success in ethical hacking. You'll need to investigate, analyze, and solve complex security challenges.
  o **Persistence:** Ethical hacking can be challenging, so persistence in the face of obstacles is essential.
  o **Ethical Values:** Commitment to ethical behavior and a clear understanding of the legal and moral responsibilities associated with ethical hacking.

# SYSTEM REQUIREMENTS

- **A Laptop or Personal Computer.**
- **Following are the system hardware requirements**:

  ### Processor: Multi-core Processor

  - A modern multi-core processor for handling resource-intensive tasks with **VIRTUALIZATION** functionality **ENABLED**.
  - In case of your system doesn't support virtualization, you can also do the dual boot of operating system, where your one system will be windows and other one will be KALI LINUX.

  ### RAM: Minimum 8GB

  - Minimum 8GB RAM or more is recommended for smoother performance.

  ### STORAGE: Minimum 50 GB Free Storage

  - Minimum 50GB Free Storage required in the system.

  ### NETWORK CONNECTIVITY: At least 10Mb/s

  - Minimum 10Mb/s internet connectivity would be required either the local wifi or mobile data would be efficient.
  - If using mobile data, then you would need more mobile data to attend the meet where you can record on your end to perform practical after class.

  ### WEARABLES: Earphones or Headsets

  - Wired Earphones or Headphones or Bluetooth Earplugs or Headsets will be good to focus on course content without distractions.

# REGISTER YOURSELF

You can submit your email on below form to get more course details over your email. Kindly note, team will send all the important details related to this course to you shortly within 2 Days.

**REGISTRATION FORM:**

## https://bit.ly/cyberxield-register

**SCAN THE QR CODE FROM YOUR MOBILE**



**TO REGISTER NOW**

**VISIT TO KNOW ABOUT MENTOR:**

## https://iehdreamer.in