Sabik academy
THE LEARNER'S HUB
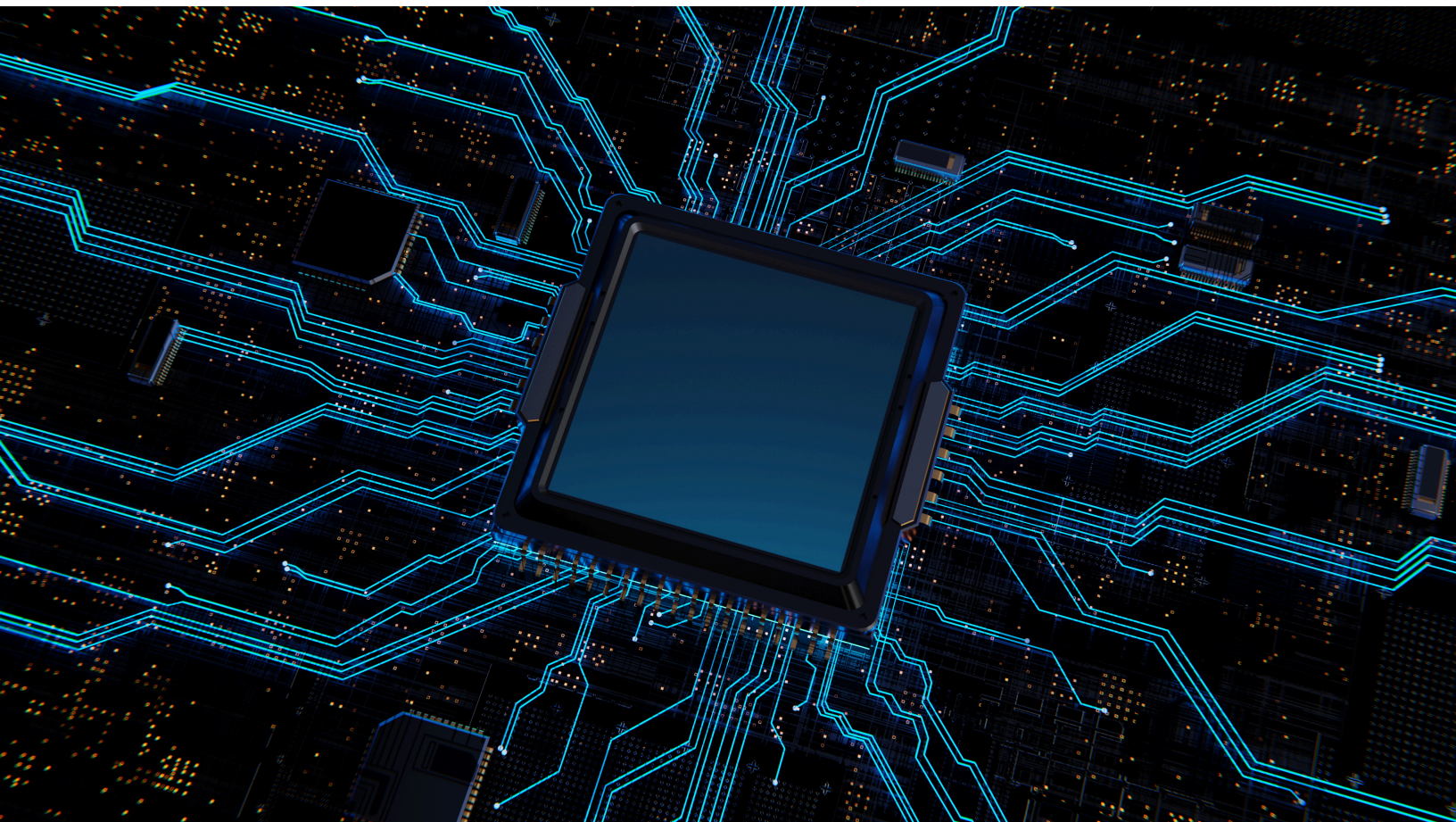
GUIDANCE

Internship & Certification Program

Cyber Security With Ethical Hacking

#1 Career Guidance
Employability & life skills
Communication Skills
Teach you How to Succed in life

**MON - FRI, DAILY
1 HOUR LIVE CLASS**
Via **Online** or **Offline** at our location.
#2

#3
**NO PRE-REQUISITES
REQUIRED**
All degrees are welcome.

**MOST BEGINNER-FRIENDLY
TRAINING PROGRAM**
From **ABC** to **XYZ**, No worries at all.
#4

#5
**3 MONTHS CLASSROOM
LEARNING**
#100DaysCyberSecurityChallenge

www.sabik.in

Career Guidance Employability & life skills Communication Skills

JOB ORIENTED CYBER SECURITY COURSE

Introduction to the real platform of CyberSecurity JOB environment
Industry Standards
Industry Frameworks
Various Cyber Security Assessments
Various Cyber Security Reviews
Security Archtiecture
Security Design Patterns
Report Writings, Articulation, Artificats & Ppt Tricks
Client Handling For Assessment and Review meetings
Finding the actual tasks from unknown - Anaylsis and Conclusion
Infrastructure Security
Cloud Security
Vulnerability Assessment
Application Security
IAM - Identity And Access Management
GRC
SAP Security
Cloud Services Security Assessment
Mobile application security assessment
Social Engineering
Web application security assessment
IT security audits
Risk Management

Syllabus

1. Orientation

2. Effective Note Making and Report Writing
   - Types of format's [PDF, PPT, DOC, DOCX, CSV, HTML, MP4, JPG, JPEG, PNG]
   - Note making [CherryTree, One Note, Google Keep, KeepNote]
   - POCs [Kazam, OBS studios]
   - Screen shot [Snipping tool, Flameshot, Greenshot]

3. Introduction to Hacking and Cybersecurity
   - What is CyberSecurity
   - What is Hacking
   - Why is Hacking
   - Phases of Hacking
   - General Office Terminology
   - Types of Hacking
   - Types of Hackers
   - Pre-Requisites of hacking

4. Introduction to Computers and Programming

5. BACIK Programme (Python Programming)

6. Overview of Linux OS
   - Kali Linux OS
   - Linux File System
   - Basic Linux Commands

7. Social Engineering Attacks
   - Social Media Hacking
   - Hacking Banking Sites Login Pages
   - Hacking College/University Login Pages
   - Zphisher, Nex Phisher, KingPhisher etc
   - Mannual phishing

8. Foot Printing and Reconnaissance
   Topics:
   - OSINT
   - Passive information
   - Active information

Tools:
- ➢ The harvester
- ➢ Whatweb
- ➢ Builtwith lookup
- ➢ Spider Foot
- ➢ Wappalyzer
- ➢ Crt.sh
- ➢ Whois Lookup
- ➢ Dns Lookup
- ➢ Dns Enumeration
- ➢ OSR Framework
- ➢ OSINT Framework

9. Basics of Networking

- What is a Network
- Basic Network COmponents
- Types of Network
- What is an IP Address
- Types of IP Address
- Classification of IP Address
- Classes of IP Address
- Subnetting Concept

10. Network Scanning

- What is Network Scanning
- What is a Port
- Important ports in Cybersecurity
- Ping
- Nmap
- Netdiscover
- Arp Scan
- Ping scan
- Fing app
- Angry IP scanner

11. Enumeration

12. Vulnerability Assessment

- What is Vulnerability Assessment
- Why is VA important
- MITRE ATT&CK Framework
- Cyber Kill Chain Mechanism
- CVSS, CVE, NVD, NIST, GHDB, Exploit-DB

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- Nessus installation
- Nessus scan [basic scan , advance scan]

13. System Hacking and Introduction to Malware
- ➤Metasploit Framework (MSF Venom, MSF Console)
- ➤Eternal Blue Attack
- ➤Windows7 Hacking
- ➤What is Malware
- ➤Types of Malware
- ➤How to create Malware
- ➤Malware Attacks
- ➤Scam Awareness

14. Introduction to Privilege Escalation
- Windows Privilege Escalation
- Linux Privilege Escalation
- Using UNIX Binaries
- Using Scripts

15. Introduction to Sniffing
- Wireshark
- Ettercap
- Bettercap

16. Password Cracking
- Zip File Password Cracking
- Login Page Password Cracking
- Wifi Password Cracking

17. Denial-Of-Service
- ➤What is DOS
- ➤What is D-DOS
- ➤Slowloris, HOIC, LOIC, HULK

18. Introduction to Web Servers and Web Applications
- ➤Introduction to Web Application Functionality

19. Web Application Pentesting

- Brute Force
- Command injection
- CSRF
- File Inclusion
- File Upload
- SQL injection

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- JavaScript
- XSS Attack

20. Introduction to Firewalls, Anti-Malware Software, and Honeypots

21. Wireless Attack and Wifi Hacking

22. Malware Analysis
- Static analysis
- Dynamic analysis

23. Mobile Application Pentesting
- Static Analysis
- Dynamic Analysis

24. Introduction to Electronics in Hacking

25. Introduction to Communication in Hacking

26. Introduction to Cloud Computing in Hacking

27. Introduction to IT, IS, IoT and OT

28. Cryptography and Steganography
- Outguess
- Stagohide
- Quickstago
- Difference between Encoding-Decoding, Encryption-Decryption and Hashing

29. Privacy and Anonymity

   Browsers
   Search Engines
   Proxy
   VPN
   TOR
   DarkWeb

30. Hacking and Cybersecurity in Today's AI World

   Chat-GPT
   AI in Hacking
   AI against Hacking

31. Career Guidance

   Resume Building
   Interview Preparation

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WISH YOU ALL THE BEST