



iUniversity
BY IYDA

Cyber Security & Ethical Hacking Bootcamp

iUniversity by IYDA

Duration	6 Months
Learning Hours	220 Hours
Mode	Online / Offline / Hybrid
Eligibility	10+2 / Graduate / Working Professionals
Level	Beginners to Advanced
Certification	Certificate of Completion from iUniversity by IYDA

Module 1: Introduction to Cyber Security

Hands-on learning through cybersecurity labs, simulations, and real-world case studies.

Module 2: Networking and Security Fundamentals

Hands-on learning through cybersecurity labs, simulations, and real-world case studies.

Module 3: Linux for Security Professionals

Hands-on learning through cybersecurity labs, simulations, and real-world case studies.

Module 4: Ethical Hacking Methodologies

Hands-on learning through cybersecurity labs, simulations, and real-world case studies.

Module 5: Vulnerability Assessment and Penetration Testing

Hands-on learning through cybersecurity labs, simulations, and real-world case studies.

Module 6: Web Application Security

Hands-on learning through cybersecurity labs, simulations, and real-world case studies.

Module 7: Network Security and Firewalls

Hands-on learning through cybersecurity labs, simulations, and real-world case studies.

Module 8: Cryptography and Information Security

Hands-on learning through cybersecurity labs, simulations, and real-world case studies.

Module 9: Incident Response and Digital Forensics

Hands-on learning through cybersecurity labs, simulations, and real-world case studies.

Module 10: Cloud Security Fundamentals

Hands-on learning through cybersecurity labs, simulations, and real-world case studies.

Module 11: Security Operations and Risk Management

Hands-on learning through cybersecurity labs, simulations, and real-world case studies.

Module 12: Capstone Project and Industry Case Studies

Hands-on learning through cybersecurity labs, simulations, and real-world case studies.

Tools & Technologies Covered:

- Kali Linux
- Wireshark
- Nmap
- Metasploit
- Burp Suite
- Nessus
- OpenVAS
- John the Ripper
- OWASP ZAP
- Snort

Career Opportunities:

- Cyber Security Analyst
- Ethical Hacker
- Penetration Tester
- Security Consultant
- SOC Analyst
- Incident Response Specialist
- Information Security Analyst