



iUniversity
BY IYDA

Executive Certificate in Cyber Security & Ethical Hacking

iUniversity by IYDA

Duration	6 Months
Learning Hours	220 Hours
Mode	Online / Offline / Hybrid
Eligibility	Graduate / Final Year Students / Working Professionals
Level	Beginners to Advanced
Certification	Executive Certificate from iUniversity by IYDA

Module 1: Cyber Security Fundamentals

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

Module 2: Networking and Information Security

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

Module 3: Linux for Security Professionals

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

Module 4: Ethical Hacking Methodologies

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

Module 5: Vulnerability Assessment and Penetration Testing

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

Module 6: Web Application Security

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

Module 7: Network Defense and Firewall Management

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

Module 8: Cryptography and Secure Communications

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

Module 9: Incident Response and Threat Hunting

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

Module 10: Cloud Security and Compliance

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

Module 11: Security Governance and Risk Management

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

Module 12: Capstone Project and Industry Case Studies

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

Tools & Technologies Covered:

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

Career Opportunities:

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