



FLAGSHIP · CYBERSECURITY CAREER PROGRAM

Cybersecurity Master Program

Your complete cybersecurity career, engineered. One guided journey from the fundamentals to a job-ready professional — offensive and defensive skills, real Cyber Range practice, 1:1 mentorship and placement support. Not a certificate. A career.

DURATION

6 Months

MODE

Classroom + Online + Labs

LEVEL

Beginner → Job-Ready

CAMPUS

Chennai

THE CAREER JOURNEY

Your transformation, stage by stage

A single, guided path from beginner to hired — you always know where you are and what comes next.

1

Build the foundations

Networking, Linux and security fundamentals — start from zero.

2

Master offense & defense

Ethical hacking, network defense, SOC operations and threat analysis.

3

Prove it in the Cyber Range

Real missions and an industry capstone in an isolated environment.

4

Launch your career

Certification prep, portfolio, mock interviews and placement support.

CURRICULUM

What you'll learn, module by module

01

Cybersecurity Foundations

Core security concepts, the threat landscape, and Linux & IT essentials to start from zero.

02

Networks, Firewalls & Defense

TCP/IP, network security, firewalls, IDS/IPS and perimeter defense fundamentals.

03

Malware, Phishing & Threat Analysis

Analyse real threats, malware behaviour and social-engineering attacks.

04

Ethical Hacking Essentials

Think like an attacker — reconnaissance, scanning, exploitation and web attacks.

05

Security Operations & SIEM

Monitor, detect and respond using SIEM tools and real security telemetry.

06

Industry Project & Placement Prep

A capstone project plus certification prep, portfolio, mock interviews and placement support.

— SKILLS & TOOLS

The complete cybersecurity skill set

- ✓ Ethical Hacking & Penetration Testing
- ✓ Network & Perimeter Defense
- ✓ SIEM & Threat Detection
- ✓ Incident Response
- ✓ Malware & Threat Analysis
- ✓ Security Operations (SOC)

TOOLS YOU'LL MASTER

Kali Linux

Wireshark

Splunk

Nmap

Burp Suite

Metasploit

Firewalls & IDS

— HANDS-ON PROJECTS

Learn by doing, not memorising

- ✓ Combined offense + defense capstone
- ✓ SOC monitoring & alert-triage project
- ✓ Vulnerability assessment of a target network
- ✓ Industry project with placement-prep review

— WHERE THIS TAKES YOU

The roles this career opens up

Typical roles the Master Program prepares you to pursue. Roles reflect the market, not a guarantee.

SOC Analyst

Detection & response

Security Analyst

Blue team

Penetration Tester

Offensive security

Security Engineer

Build & harden

Ready to start your cybersecurity career?

Book a free campus visit — tour the Cyber Range, meet your mentors and get a personalised career roadmap built around your goals. No obligation.

[Book Campus Visit →](#)

Call +91 91500 22994

Email info@pencap.in

Web pencap.in

Campus Anna Salai, Thousand Lights, Chennai – 600002

PenCap Institute of Excellence — Cybersecurity Career Company · EC-Council Accredited Training Center · CompTIA Authorized Partner. Curriculum and batch schedule may be updated; confirm the latest details during your campus visit.