



A Joint Initiative of

# Hansraj College & ICSS



# CENTRE OF EXCELLENCE



# CyAstra

be Cyber Elite

Ethical Hacking • AI Security • Digital Forensics • Cloud Security

nasscom

EC-Council



Microsoft



BOARD INFINITY

### CHIEF PATRON

**Prof. (Dr) Rama**  
Principal, Hansraj College

### COURSE CONVENOR

**Mr. Suyash Kumar**  
CS Department, Hansraj College

### GUEST FACULTY

**Prof. (Dr) Puneet Mishra**  
HOD, CS, Lucknow University

**Mr. Vinay Gupta**  
CISM, CISO, GRC, CPENT

**Mr. Dhruv Gupta**  
CISSP, CISM  
Cyber Security Head, KPMG

## 10 Global Certifications in 6 months

1. CSCU – Certified Secure Computer User **EC-Council**
2. CEH – Certified Ethical Hacker 
3. Digital Forensic Certification **nasscom**
4. AI for Cybersecurity **nasscom**
5. Generative AI Security **nasscom**
6. Cybersecurity Essentials – 
7. Introduction to Cybersecurity + Packet Tracer – 
8. Azure Security Engineer Associate (AZ-500) – 
9. Python Fundamentals – 
10. Data Science for Beginners – **BOARD INFINITY**



INTERNATIONAL COLLEGE FOR SECURITY STUDIES

ONLY LIMITED SEATS  
SCAN TO REGISTER

SCAN ME



FEE NON REFUNDABLE

200+ Practical Sessions | 550+ Attack Techniques

### WHO CAN APPLY

BCA / MCA

BSc / MSc IT

Cyber Security

Forensic Science

MSc Computer Science

All Interested Students

### LOCATION

#### Campus

+91 8744013977  
Hansraj College,  
Mahatma Hansraj Marg,  
Malka Ganj, Delhi – 110007

#### Head Office

+91 8744013901, +91 8744013977  
301,302, 3rd Floor Eros Metro Mall  
, Dwarka Sec-14, New Delhi  
-110078.

COURSE CONVENOR  
Suyash Kumar (CS Department)  
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# 10 Global Certifications in 6 months

## Course Modules

### Module 1 – Cybersecurity Foundations (CSCU)

- ✔ Cyber threat landscape
- ✔ Malware & ransomware basics
- ✔ Safe internet practices
- ✔ Data protection fundamentals
- ✔ Social engineering awareness

### Module 3 – Digital Forensics & Investigation

- ✔ Cyber crime investigation process
- ✔ Evidence acquisition and preservation
- ✔ Disk forensics
- ✔ Memory forensics
- ✔ Network forensics
- ✔ Mobile device investigation
- ✔ Incident response
- ✔ Cyber law & digital evidence

### Module 4 – AI for Cybersecurity

- ✔ Machine learning in cybersecurity
- ✔ AI-driven threat detection
- ✔ Behavioral analytics
- ✔ AI-based malware detection
- ✔ Threat intelligence automation

### Module 6 – Cloud Security

- ✔ Cloud security architecture
- ✔ Azure security fundamentals
- ✔ Identity and access management
- ✔ Secure cloud deployment
- ✔ Cloud threat monitoring

### Module 2 – Ethical Hacking & Penetration Testing (CEH v13)

- ✔ Ethical hacking fundamentals
- ✔ Footprinting & reconnaissance
- ✔ Network scanning and enumeration
- ✔ Vulnerability analysis
- ✔ System hacking techniques
- ✔ Malware analysis
- ✔ Social engineering attacks
- ✔ DoS/DDoS attacks
- ✔ Web application hacking
- ✔ SQL injection
- ✔ Wireless network hacking
- ✔ Cloud security attacks

### Module 5 – Generative AI Security

- ✔ Security risks in generative AI
- ✔ Prompt injection attacks
- ✔ AI model manipulation
- ✔ Deepfake threats
- ✔ AI governance and ethics

### Module 7 – Python for Cybersecurity

- ✔ Python basics for security automation
- ✔ Network scanning scripts
- ✔ Password cracking automation
- ✔ Security tool development

### Module 8 – Data Analytics for Cyber Intelligence

- ✔ Security log analysis
- ✔ Data visualization
- ✔ Threat pattern detection
- ✔ Data-driven threat intelligence

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