PROGRAM CONVENOR - DR. SUNITA CHAND

ISOEH COORDINATOR - MR. UTSAV MAJUMDAR

SLC CONVENOR - DR. POOJA ARORA

HRC FACULTY COORDINATORS - DR. MANJU MS. AARTI GOEL

PATRON - PROF. DR. RAMA

IQAC DIRECTOR - DR. ALKA KAKKAR

STUDENT COORDINATORS - NETRESH YASHASVI

ISOEH Indian School Of Ethical Hacking www.isoeh.com
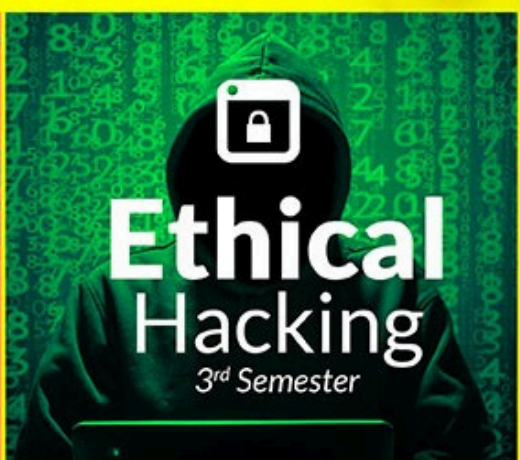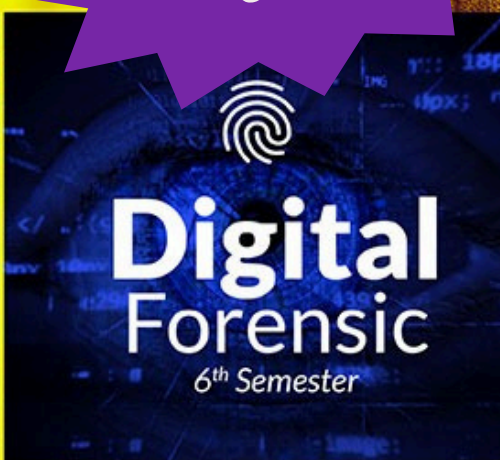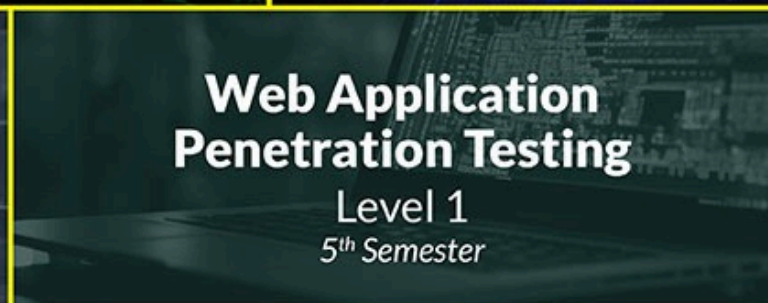
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Student Learning Centre, IQAC, Hansraj College, University of Delhi In association with ISOEH launches an Online Weekend Course of 6 semesters

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With INTERNSHIP*

ONLINE CLASSES ON SUNDAYS ONLY

CCNA Essentials 1st & 2nd Semester

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Digital Forensic 6th Semester

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Course Fee
₹ 3,990/- per semester
Bank Details:
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Account No: 2848101013013
Bank: Canara Bank
IFSC: CNRB0002848

Register Here

Registration Last Date Extended 24th July

About College

Hansraj College is one of the largest constitution colleges of University of Delhi and has been ranked as one of the top five colleges for Science, Arts and Commerce several times in the last decade. It is ranked as 12th best college all over India by NIRF and is accredited A++ by NAAC scoring a CGPA of 3.71, one of the highest amongst DU colleges. The college has completed 75 years in the realm of imparting higher education. It has made significant and unparalleled contributions in terms of producing scholars, bureaucrats, intellectuals, and sportsperson serving in different domains not only in our own country but even at international levels. It has highly qualified academicians who impart education in Science, Commerce, and Arts at undergraduate and graduate levels to more than 5000 students.

About Course

This course will be conducted by the Indian School of Ethical Hacking (ISOEH). The course is of 6 semesters, followed by an internship. Students will also get certification by ISOEH and Hansraj College with the logo of CERT. Each semester training program is of 40 hours duration. All students completing six semesters will get internship opportunities. The classes will be online and will be held only on Sundays in an interactive mode with expert faculties and doubt sessions..

Internships will be strictly for those who complete the 5 modules successfully. Fees once paid will not be refunded. Last date to register is extended to 24th July 2024

RESOURCE PERSON

SAPTARSHI KUNDU

B.SC COMPUTER SCIENCE (CALCUTTA UNIVERSITY), CEH, NPT, WAPT, CCNA
HE IS AN INFORMATION SECURITY ANALYST AT ISOEH. HE HAS IN-DEPTH KNOWLEDGE IN C, JAVA, PYTHON, NETWORKING (CCNA), ETHICAL HACKING, NPT, AND WAPT. HIS AREA OF INTEREST IS NPT, PYTHON & SIEM.

Certification and Assessment

Certification will be for each semester course Plus program certification at the end of the program. Attendance in 80% of the sessions is mandatory for successful completion

DELIVERABLES

LIVE LECTURES

ACTIVITIES

ASSESSMENT

CERTIFICATION
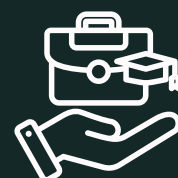
INTERNSHIPS

PRESENTATION AND OTHER RELEVANT MATERIAL

REGISTRATION DETAILS

Fee: INR 3990 (per semester)
Mode of Payment: Online (NEFT/RTGS)
Beneficiary Name: Principal, Hansraj College
Account No.: 2848101013013
IFSC Code: CNRB0002848
Bank Name and Branch: Canara Bank, Hansraj College, Delhi
Limited Seats. Confirmation to be on first- come- first-served basis.
For any query write on:- cseh_hansraj@hrc.du.ac.in

Detailed Schedule

SEMESTER	MODULE	LIST OF TOPICS
1st and 2nd	CCNA ESSENTIALS	Introduction, OSI layer, Address, IP Addressing, Router, DHCP Configuration, Switching Concept (VLAN, VTP), Switch Security(Port Security, DHCP Shopping), STP, RSTP, IGP, EGP, OSPF V2, ACL, NAT, PAT, Wireless, WAN, IPV6 BASIC, AAA, TACACS+, RADIUS SNMP, DMZ, PROXY, VPN
3rd	ETHICAL HACKING	Introduction, Brush up Linux (Optional), Brush up networking (Optional), Information Gathering, Brush up Linux (Optional), Brush up networking (Optional), scanning, System Hacking, Sniffing using Wireshark, Man In the Middle Attack using the concept of ARP poisoning, Cryptography, steganography, Wireless Attacks, Website Attacks, IOT Hacking, DOS and DDOS attacks, Cloud based attacks, IDS, IPS
4th	NETWORK AND PENETRATION TESTING	Introduction to Network Penetration testing, Scanning, Router Pentesting, Privelage Escalation, Payload, Firewall Bypass, Anti-Virus Bypass, Advanced Exploitation, Port Forwarding, Sniffing, Removing the trace, Binding, Browser Exploitation, CTF

Detailed Schedule

SEMESTER	MODULE	LIST OF TOPICS
5th	**WEB APPLICATION PENETRATION TESTING**	Introduction, OWASP Top 10, Installing Lab, Enumeration, Vulnerability Scanning , Introduction to Burp Suite, Authentication bypass using Burp Suite, HTML injection, introduction about cookie, XSS(reflected, stored, DOM, Advance), Introduction to BeEF and browser Hijack, Cookie stealing and session Hijack, Broken Access Control, Broken session and security misconfiguration, Using Components with known vulnerabilities, Uploading web shell, Uploading web shell filter bypass Evaluation, Path Traversal, LFI and RFI (basic and advanced), Lab Solving
6th	**COMPUTER FORENSICS**	Introduction, Investigation Process, Searching and Seizing Computers, Digital Evidence, First Responder Procedure, Computer Forensics Lab, Understanding Hard Disk and File System, Windows Forensics, Data Acquisition and Duplication, Deleted File and Partition Recovery, Steganography and image file forensic, Application Password Cracker, Log capturing and Event correlation, Network Forensic and Investigating Network Log, Investigating Wireless attack, Investigating Web Attack, Tracking Emails and investigating Email crime, Mobile Forensics, Investigative Report, Becoming an Expert Witness

Duration : 4hrs on SUNDAYS