Network Penetration Testing Brochure
(Level 1 & 2)

ISOAH
Indian School Of
Anti Hacking

www.isoah.com
Cyber Security Training in Kolkata at
CERT-In Empaneled Audit Firm

Dr. B.C.Roy Engineering College, Durgapur
Dedicated to 'Quality Education'
Affiliated to MAKAUT | Approved by AICTE | NBA Accredited® | NAAC | NIRF Ranked

Get Taught By Professional
HACKERS

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India needs about

77,000
Ethical Hackers &

5 Lac
Cyber Security
Professionals

every year*

We currently have only 50,000.
There is an acute deficit of skilled
cyber security professionals in the
industry. The demand will rise with
Digital India & Industry 4.0 drive.

Are you ready for the
OPPORTUNITY?

*NASSCOM Report

ISOEH is

India's Top Cyber Security Training Institute

in Kolkata, Siliguri & Bhubaneswar

We're specialized in Ethical Hacking, Cyber Security, Digital Forensic, Penetration Testing, Networking, Reverse Engineering & Malware Analysis

Since 2011

we are putting an effort to impart in-depth IT Security

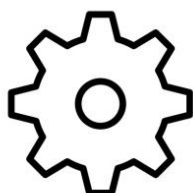know-how to fresher as well as senior working professionals

We are

ISO 27001 : 2013 & 9001 : 2015 Certified

BY BSI

We are

MEMBER OF NASSCOM, DSCI, CII

CCPTR

We are
WB PARTNER OF MAKAUT
(Maulana Abul Kalam Azad University of Technology, WB)
and in Collaboration with CCPTR

We are
Eastern India's
Oldest & Largest EC-Council
Accredited Training & Global Exam Center

We are
First to Offer BSc
and PG Diploma in
Digital Forensic and Cyber Security

Faculties
are Working Professionals with 15-20 Years Experience, who are **Ethical Hackers, Penetration Testers and ISO 27001 Lead Auditor Lead Auditors wth OSCP, SCP, OSCE, LPT, CEH, ECSA, CHFI, CCNA.**

Learn the Skills & Be Job Ready with Live Projects.

Classes are 100%

Practical
and Interactive

Tools & Books: Latest tools and books will be provided.

No Language Barrier: Taught by Bengali, English & Hindi speaking faculty.

Flexibility: Live online class, classroom training, weekday and weekend batches available.

Hacking Lab: Faculty help you to build up your own hacking labs in your laptop with our VMs, Tools, software; where you can practice.
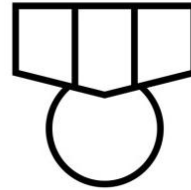
We offer Superior

Assistance
to our successful students.

We will help you with:
Drafting your CVs
Preparing you for interviews
Put you into Campus placement

Besides this we conduct various in-house Cyber Security competition such as

Hackathon
with Prize Money for our Students

Campus

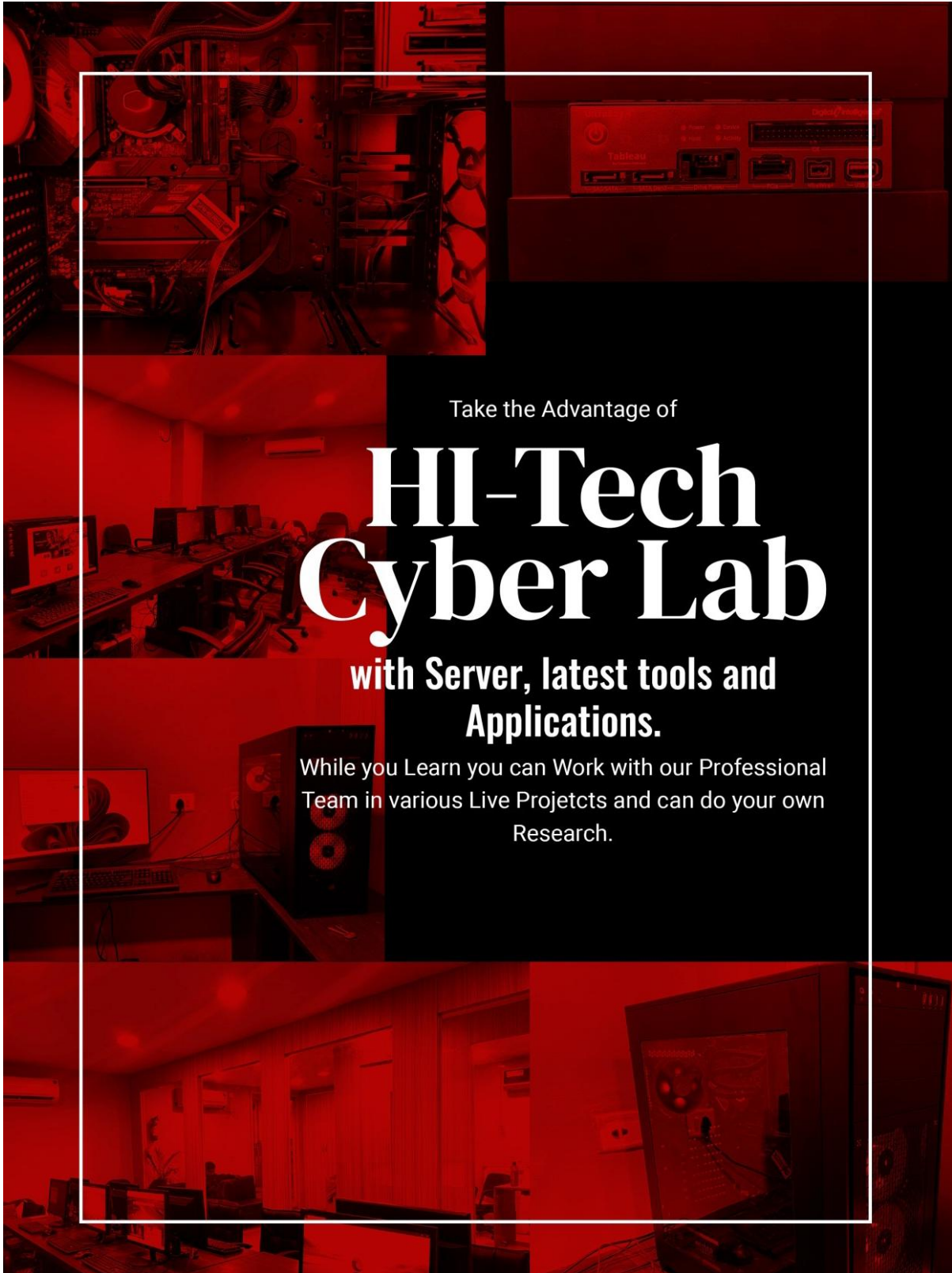# Placement
available for our students.
Our Students are recruited by MNCs Government Organization

such as **Intel, PWc, Tata Consultancy Services, Cognizant, Kolkata Police, CID and more...**

Take the Advantage of

HI-Tech Cyber Lab

with Server, latest tools and Applications.

While you Learn you can Work with our Professional Team in various Live Projetcts and can do your own Research.

WHY LEARN NPT? KNOW THE DETAILS

Penetration testing, also called pen testing or ethical hacking, is the practice of testing a computer system, network or web application to find security vulnerabilities that a hacker could target. Penetration testing can be automated with software applications or performed manually.

1. **Improved security:** Penetration testing can help identify vulnerabilities and weaknesses in a network or system, allowing security measures to be implemented to address them. By performing regular penetration testing, organizations can improve their security posture and protect against cyber threats.

2. **Compliance:** Many industries and organizations are subject to regulatory compliance requirements, such as HIPAA or PCI DSS. Penetration testing is often a requirement for compliance, and learning how to perform network penetration testing can help organizations meet these requirements.

3. **Career opportunities:** Penetration testing is a growing field, and there is high demand for skilled professionals who can perform network penetration testing. Learning these skills can open up several career opportunities in the cybersecurity industry.

4. **Real-world experience:** Performing network penetration testing requires hands-on experience with a variety of tools and techniques. Learning network penetration testing can provide valuable real-world experience that can be applied in various cybersecurity roles.

5. **Risk management:** Network penetration testing can help organizations identify and prioritize risks, allowing them to make informed decisions about risk management strategies and resource allocation.

★★★★★
5.0
Course Rating

View All Reviews »

3500+
Students Enrolled and Counting…

Full List of Alumni »

Why learn Network Penetration Testing?

Detecting
Security Threats

Course Syllabus »

Meeting
Monitoring Necessities
and avoiding penalties

Circumventing the rate of
Network Downtime

Protecting customer loyalty and
Company Credentials

Jobs »

Duration
40 hours - 2 classes per week

Eligibility
1. Good Knowledge of Networking on Windows and Linux
2. MCSE/CCNA/RHCSA & RHCE are preferred

Course Fees

Class Room Training
Rs.14,750/-
Inclusive of all taxes

Online Training
Rs.24,750/-
Rs.14,750/-
Inclusive of all taxes

What You Will Get?

40 Hours
of in depth training by the best cyber security experts

Study Materials

Network Penetration Testing Level I
Certificate of Completion after examination and alumni status

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Duration
40 hours - 2 classes per week

Eligibility
Completion of Network penetration testing Level I

Course Fees

Class Room Training
Rs.14,750/-
Inclusive of all taxes

Online Training
Rs.24,750/-
Rs.14,750/-
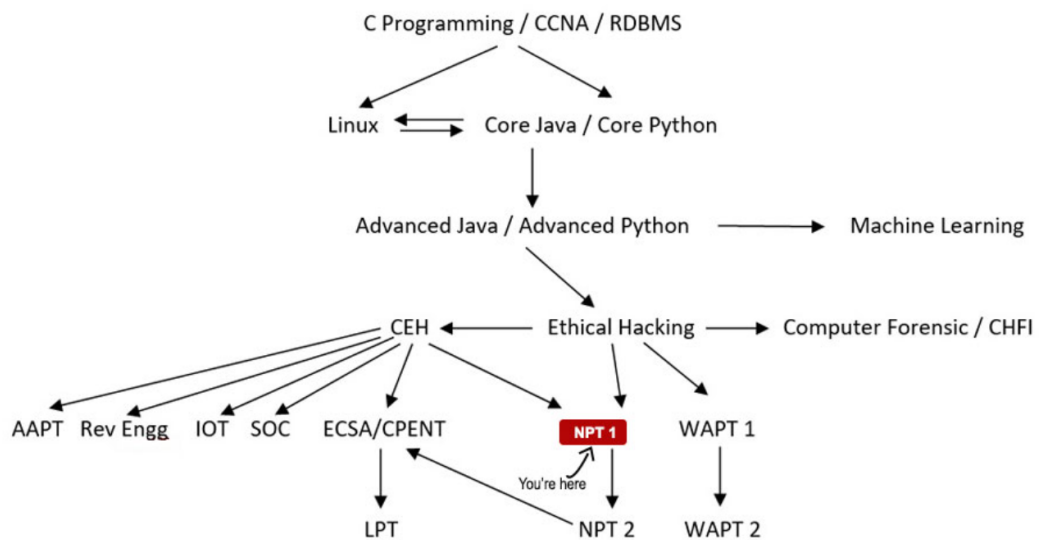Inclusive of all taxes

What You Will Get?

40 Hours
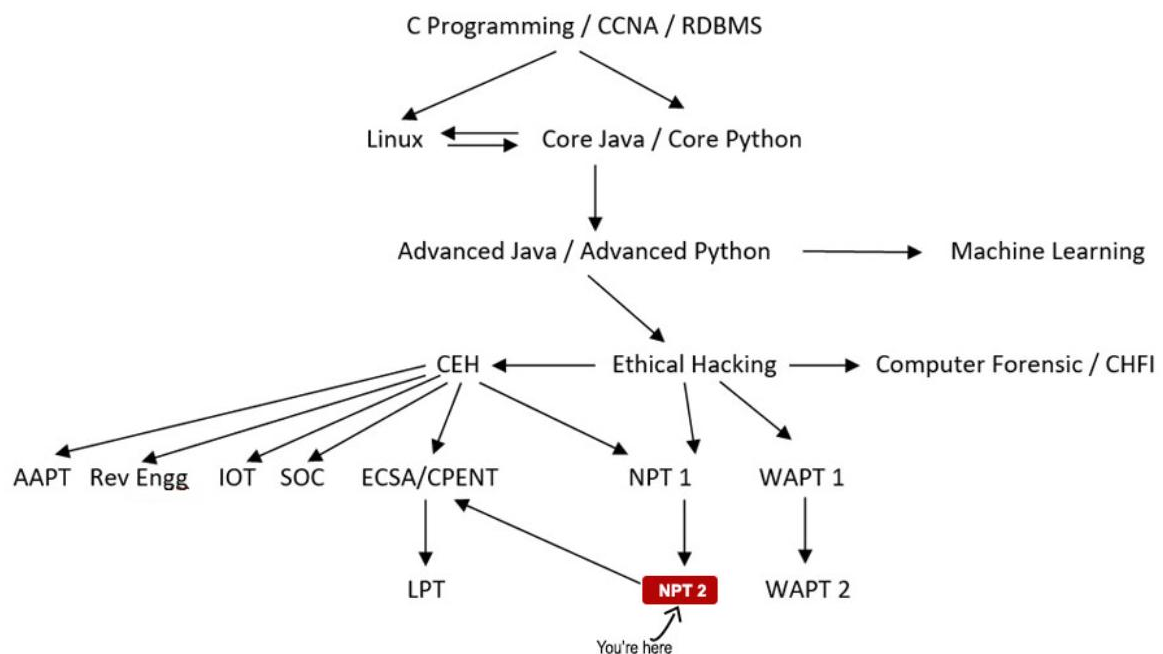of in depth training by the best cyber security experts

Study Materials

Network Penetration Testing Level II
Certificate of Completion after examination and alumni status

YOUR COURSE PATH of NPT Level 1:

YOUR COURSE PATH of NPT Level 2:

COURSE DETAILS NPT Level 1:

Introduction to Network Penetration Testing2 Hours - Day 1

Scanning2 Hours - Day 2

Router Pentesting4 Hours - Day 3 & 4

Privilege Escalation2 Hours - Day 5

Payload4 Hours - Day 6 & 7

Firewall Bypass2 Hours - Day 8

Anti-Virus Bypass2 Hours - Day 9

Advance Exploitation6 Hours - Day 10 - 12

Port Forwarding2 Hours - Day 13

Sniffing2 Hours - Day 14

Removing the Trace2 Hours - Day 15

Binding4 Hours - Day 16 & 17

Browser Exploitation2 Hours - Day 18

CTF4 Hours - Day 19 & 20

COURSE DETAILS NPT Level 2:

Introduction to Network Penetration Testing 22 Hours - Day 1

Buffer Overflow Introduction2 Hours - Day 2

Buffer Overflow8 Hours - Day 3 - 6

Advance Metasploit2 Hours - Day 7

Capture The Flag (Sick OS, Mr. Robot and more are part of the CTF Challenge)26 Hours - Day 8 - 20

ISOEH FACULTY

Name	Academic Qualification
Sandeep Sengupta	CISA, Lead Auditor, 24 years' experience as an ethical hacker.
Somdeb Chakraborty	M.Sc in Computer Science (CEH, CCNA, CHFI)
Saumitra Biswas	M.Tech CS, MSc Statistics, expert - AI / ML & Data science
Saugata Sil	MCA, Certified Ethical hacker
Debasmita Basu	MSc Forensics (Makaut - P)
Arindam Manna	B.Tech CS, IoT security expert
Pankaj Kumar Roy	Expert - Network, AWS; 7 years of industry experience
Partha Pratim Chakraborty	BSc - CS, Cyber Security Expert, CEH
Tanay Bag	MSc, Cyber Security expert
Saptarshi Kundu	BSc CS (CU), IoT security expert, exploit writer
Anirban Sarkar	MCA, Cyber Security expert

We offer
SUPERIOR PLACEMENT
ASSISTANCE

JOB GUARANTEED 100% JOB GUARANTEED

Next Time You can be in Their
Recruitment Lists

Intel Corporation

PwC India

Apple Inc.

Cognizant

TATA Consultancy Services Limited

Ernst & Young

J.P. Morgan & Co.

Oracle

CID West Bengal

Kolkata Police Lalbazaar Cyber Cell

ISOEH
ALUMNI

Anirban Bhattacharya
Python Programming - TCS

Sanjeev Kr Sumbria
CHFI - Indian Army

Yashajeet Chowdhury
CEH - Microsoft

Anoma Barua
LPT - SAP LABS, USA

Partha Basu
Computer Forensic - West Bengal Police, Kolkata

Krishnapriya Neema
Digital Forensic - Rackbank Datacenters

Tathagata Banerjee
CEH, CCNA - Dell

Ravindra Singh
CHFI - HSBC HDPI

Sourajyoti Bose
Oracle

1000+ and more...

We have received Prestigious
AWARDS

Best entrepreneur award from Hon'ble Minister of Finance (WB), Dr. Amit Mitra for Information Security startup, on behalf of BCCI

ISOAH Director Mr. Sandeep Sengupta awarded as Top 100 CIOs in India by VARINDIA. Announcement of Awards of Eminent CIOs of India (ECIO) at 18th Infotech Forum 2020

ISOAH got the award for best Auditor Firm in East India by ITPV media & TechPlus Media - ITVARNEWS

ISOEH Organized & Participated in various
EVENTS

GROUND ZERO - North Bengal Cyber Security Challenge (Hackathon) - 2022

Seminar for the journalists of eminent newspapers and media houses of Siliguri on "Hi-tech Cybercrimes and the preventive measures and safety tips against them"; by our Director Mr. Sandeep Sengupta, Shri Sanjay Kumar Das (WBCS), Jt. Secretary –

IT & E, State Information Security Officer, West Bengal along with Mr. Nirupam Chaudhuri – Head NASSCOM (Eastern India).

ISOEH Organized a Press Conference at The Press Club, Kolkata on Recent Hi-Tech Cyber Crimes and Preventive Measures Against those Crimes. All the eminent newspapers and media houses were present to cover the show. The main attraction of the conference was: Car Hacking Live Demo at a low cost of 5k to 6k; Tracking Frequency of Flights; BSc. degree courses like digital Forensics and its advantages shortly; and launching of hi-tech digital forensics lab for first time in Eastern India.

Cyber Security Awareness Rally Walk at Salt Lake Sector-V, Kolkata on National Computer Security Day

Ground Zero & Cyber Shikshak at ISOEH Siliguri Centre, March 2021

BCCI Entrepreneurship Conclave & Award 2020-21

International IEEE Conference in Kolkata

Our Cyber Security Experts on
TELEVISION

ISOEH Director Sandeep Sengupta & Cyber Expert Samyajit Mukherjee in the discussion panel on
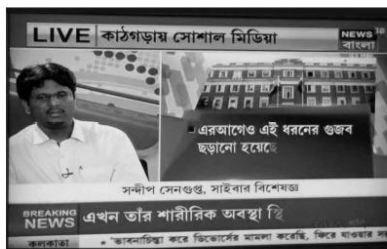

Zee 24 Ghanta

NDTV

ABP Ananda

News 18 Bangla

News18 Bangla

India Today

TV9 Bangla

ABP Ananda

ISOEH on Leading

NEWSPAPERS

ISOEH
CORPORATE
CLIENTS

JADAVPUR UNIVERSITY

ABP
আনন্দবাজার পত্রিকা

Directorate of Commercial Taxes
Government of West Bengal

Coca-Cola

AMRI
HOSPITALS

Apollo Gleneagles Hospitals
KOLKATA
TOUCHING LIVES

Bandhan Bank

WTL
WEBEL TECHNOLOGY LIMITED

TATA STEEL

CESC
LIMITED

Peerless Securities

spencer's

ELECTROSTEEL

AmbujaNeotia

BENGAL
ENERGY

KiiT

Techno Electric and Engineering Co. Ltd.

globsyn

Group

mjunction
innovating for outcomes

vehere

Capital Local Area Bank

MEDILINK
international
Innovation · Healthcare · Delivery

nexval

OnProcess
TECHNOLOGY

eRevMax
Electronic Revenue Maximization

BATOI

primarc

DIADEM

LEXPLOSION

VERSION
SYSTEMS
Simplifying Human Life

embee
Making IT Easier

Ohho
Express

qba

Vedantu

IMI

ICRA
A MOODY'S INVESTORS
SERVICE COMPANY

Linde

mbe McNally Bharat
Engineering Company Limited

Nihilent

ARCVAC
SPECIALITY STEELS

VIKRANT

TITAGARH

BALCO
Medical Centre

ISOEH
CONTACT

ISOEH Saltlake Office
(An unit of ISOAH Data Securities Pvt. Ltd.)

SDF Building, Module - 335, 2nd
Floor, Sector - V, Saltlake City,
Kolkata - 700091. *(Near SBI ATM,
opposite to Cognizant / Infinity)*
8am - 7pm *(7 days open)*

For all queries:
**Mobile: +91 9903767814
+91 8100103831
+91 9007392360**
All Days - 8am to 7pm

sandeep@isoeh.com

Durgapur Branch Office

CA/19, Urvashi Ph-2 Adda,
Bengal Ambuja City Centre,
Durgapur, West Bengal -
713216

For all queries:
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Bhubaneswar Branch Office

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Bhubaneswar, Odisha - 751016
(Near ICICI Bank)

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+91 9007392360**

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ISOEH
Indian School Of Ethical Hacking
www.isoeh.com

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Years of Excellence

27 DECEMBER
2011-2023

Indian School Of Ethical Hacking
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