

# Web Application Penetration Testing Brochure (Level 1 & 2)

## ISOAH

Indian School Of  
Anti Hacking

[www.isoah.com](http://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



ISO 27001 : 2013 & ISO 9001 : 2015 Certified by BSI

+91 9903767814, +91 8100103831, +91 9007392360



Accredited Training Center

## **CONTENTS:-**

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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



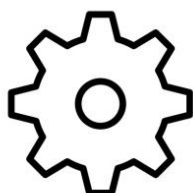
We are  
**ISO**  
**27001 : 2013**  
**& 9001 : 2015**  
**Certified**  
**BY BSI**



We are  
**MEMBER OF**  
**NASSCOM,**  
**DSCI, CII**



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 with 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.

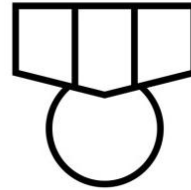


We offer Superior

## **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

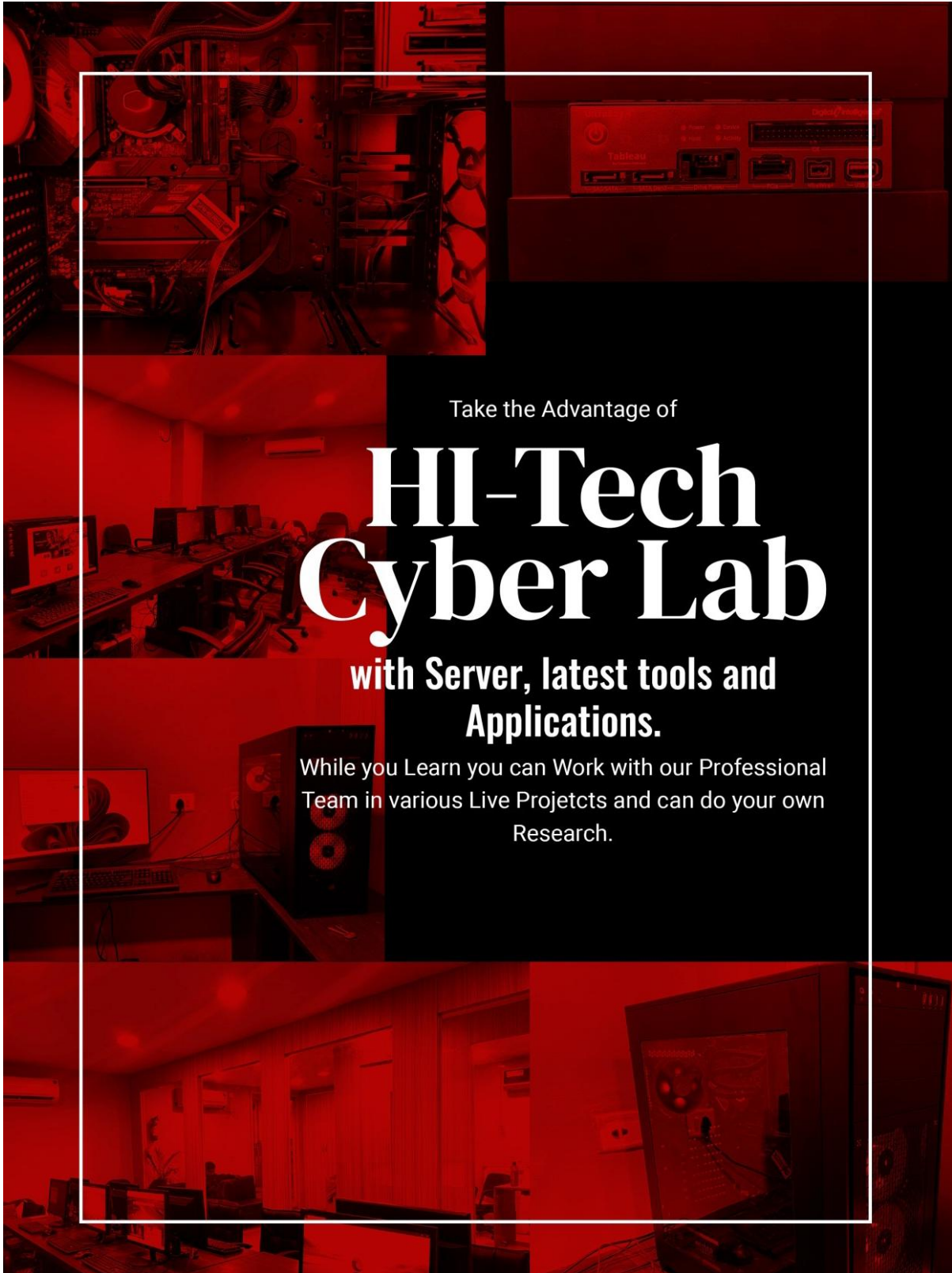
## **Placement**

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 WAPT? KNOW THE DETAILS**

Web application penetration testing is the process of using penetration testing techniques on a web application to detect its vulnerabilities. It is similar to a penetration test and aims to break into the web application using any penetration attacks or threats.

1. **Improved security:** Web application penetration testing can help identify vulnerabilities and weaknesses in web applications, allowing security measures to be implemented to address them. By performing regular web application 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. Web application penetration testing is often a requirement for compliance, and learning how to perform it 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 web application penetration testing. Learning these skills can open up several career opportunities in the cybersecurity industry.
4. **Real-world experience:** Performing web application penetration testing requires hands-on experience with a variety of tools and techniques. Learning web application penetration testing can provide valuable real-world experience that can be applied in various cybersecurity roles.
5. **Risk management:** Web application penetration testing can help organizations identify and prioritize risks, allowing them to make informed decisions about risk management strategies and resource allocation.
6. **Protect user data:** Web applications can store sensitive information about users, such as personal information, credit card details, and login credentials. Learning how to perform web application penetration testing can help organizations protect user data from malicious attacks.





**5.0**

Course Rating

[View All Reviews »](#)

**3500+**

Students Enrolled and Counting...

[Full List of Alumni »](#)

## Why learn Web Application Penetration Testing?



Detecting and arranging

**Security Threats**

[Course Syllabus »](#)



Meeting

**Monitoring Necessities**

and evading penalties



Circumventing the rate of

**Network Downtime**



Protecting

**Customer Loyalty**

and company image

[Jobs »](#)



### Duration

40 hours - 2 classes per week



### Eligibility

1. Strong knowledge of JAVA OR .NET OR PHP
2. Knowledge of Database Programming
3. Knowledge of HTML & Javascript



### 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

### Web Application Penetration Testing Level I

Certificate of Completion after examination and alumni status



### Duration

40 hours - 2 classes per week



### Eligibility

WAPT Beginner, or knowledge of Web Application Penetration Testing



### 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

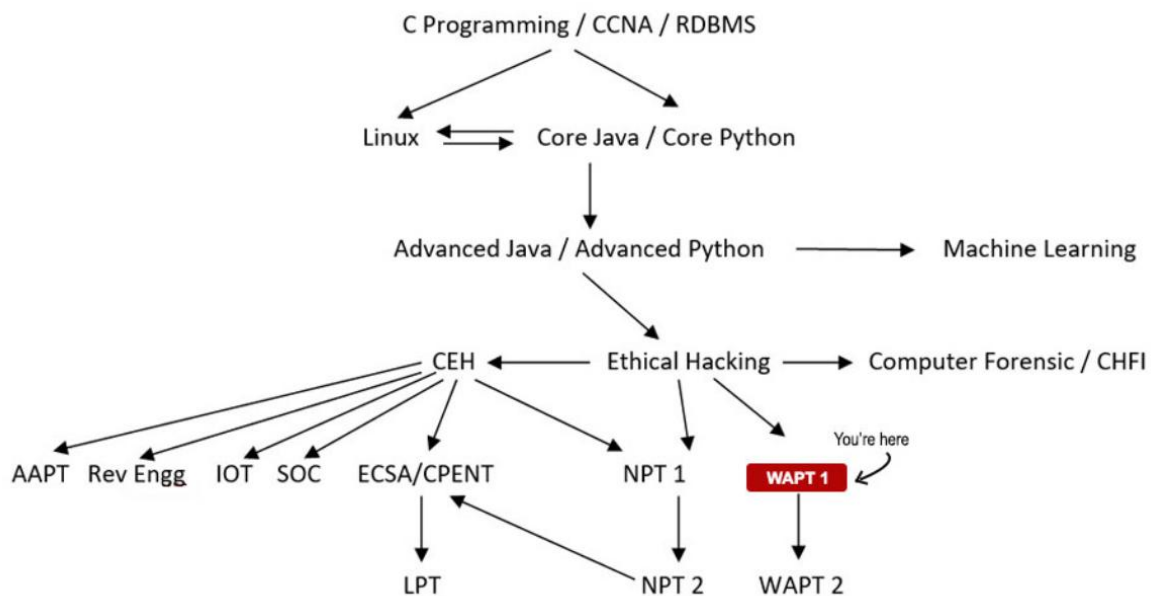
of in depth training by the best cyber security experts

### Study Materials

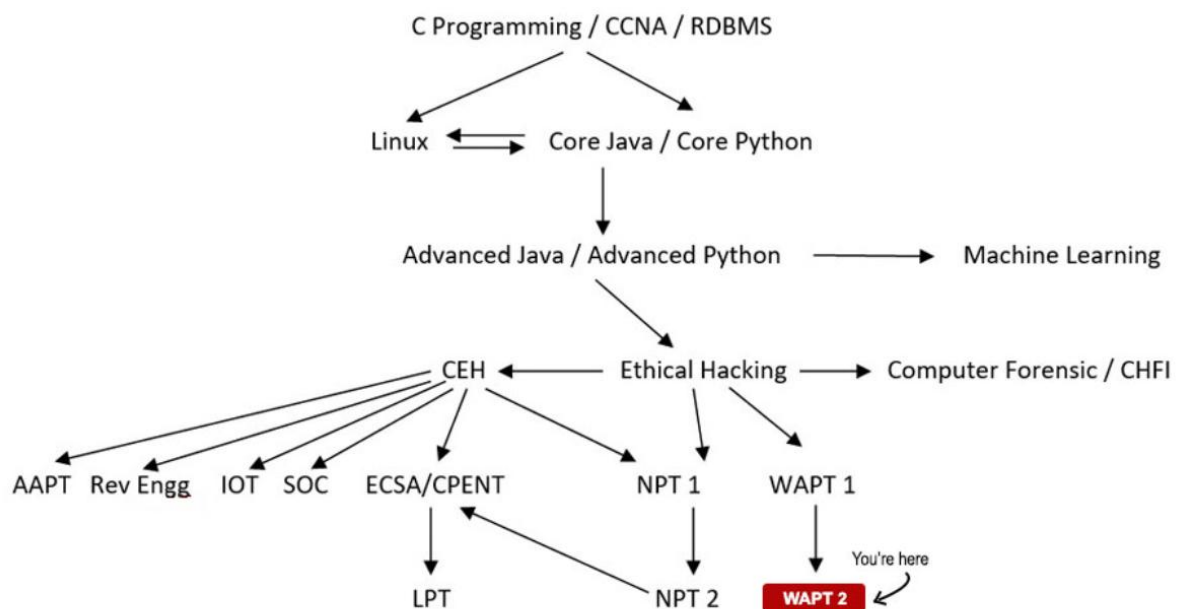
### Web Application Penetration Testing Level II

Certificate of Completion after examination and alumni status

## YOUR COURSE PATH of WAPT Level 1:



## YOUR COURSE PATH of WAPT Level 2:



## **COURSE DETAILS WAPT Level 1:**

- Introduction, OWASP Top 102 Hours - Day 1
- Installing Lab2 Hours - Day 2
- Enumeration2 Hours - Day 3
- Vulnerability Scanning2 Hours - Day 4
- Introduction to Burp Suite, Authentication bypass using Burp Suite2 Hours - Day 5
- Html injection, Introduction about cookie2 Hours - Day 6
- XSS (reflected, stored, DOM)2 Hours - Day 7
- XSS Advance2 Hours - Day 8
- Introduction to BeEF and browser Hijack2 Hours - Day 9
- Cookie stealing and session Hijack2 Hours - Day 10
- Broken Access Control2 Hours - Day 11
- Broken session and security misconfiguration2 Hours - Day 12
- Using Components with Known Vulnerabilities2 Hours - Day 13
- Uploading web shell2 Hours - Day 14
- Uploading web shell filter bypass Evaluation2 Hours - Day 15
- Path traversal, LFI and RFI basic2 Hours - Day 16
- LFI RFI advance2 Hours - Day 17
- Lab solving2 Hours - Day 18
- Lab solving2 Hours - Day 19
- Lab solving2 Hours - Day 20

## **COURSE DETAILS WAPT Level 2:**

- Introduction to A1 Vulnerabilities2 Hours - Day 1
- Advance Burp Suite (repeater, sequencer, decoder)2 Hours - Day 2
- Error Based SQL injection for GET method basic and advance2 Hours - Day 3
- Error Based SQL injection for POST method basic and advance2 Hours - Day 4
- Boolean based SQL injection basic2 Hours - Day 5
- Boolean based SQL injection advance2 Hours - Day 6
- Time based SQL injection2 Hours - Day 7
- WAF bypassing2 Hours - Day 8
- Web shell uploading using SQL injection2 Hours - Day 9
- XPATH injection basic and advance2 Hours - Day 10
- XXE Injection2 Hours - Day 11
- OS Command Injection and handling web server2 Hours - Day 12
- CSRF for GET method2 Hours - Day 13
- CSRF for POST method2 Hours - Day 14
- CSRF Filter Bypass2 Hours - Day 15
- CTF Lab Solving2 Hours - Day 16
- CTF Lab Solving2 Hours - Day 17
- CTF Lab Solving2 Hours - Day 18
- CTF Lab Solving2 Hours - Day 19
- CTF Lab Solving2 Hours - Day 20

# ISOEH FACULTY

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



# We offer SUPERIOR PLACEMENT ASSISTANCE

Next Time You can be in Their  
**Recruitment Lists**



Intel Corporation



PwC India



Apple Inc.



Cognizant

Cognizant



TATA CONSULTANCY SERVICES  
TATA Consultancy Services Limited



Ernst & Young

J.P.Morgan

J.P. Morgan & Co.

ORACLE

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



**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 –



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

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 Conference** in Kolkata



# Our Cyber Security Experts on **TELEVISION**

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



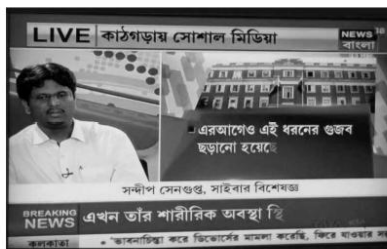
NDTV



Zee 24 Ghanta



ABP Ananda



News 18 Bangla



News18 Bangla



India Today



TV9 Bangla

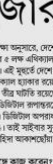


ABP Ananda

**संस्कृत-प्रमाणम्**

एन.टी.एस. प्रमाणित  
एन.टी.एस. प्रमाणित  
एन.टी.एस. प्रमाणित

କ୍ୟାଲ



শত। তাও বন্ধন  
পুলিশ-সিআইটি,  
পাওয়ার গ্রিড,  
অর্থিক (শিডিও)  
রাসপেমিনি,  
কোমদোনে ইত্যাদি। এ  
০০'রও বেশি সং  
সরকারী সাইবার  
বিরোধী অফ এগ্রেসে  
রডাও ন্যাসকমের  
সিউকিউটিও স্পেস  
প্রায়মান।

মতের মতো বিশ্ব  
সিমনাসনাল সুইব  
ওয়ার্লি অ্যালাট  
জটিল কাতটি কর  
নি যে সহজটিতে  
তা বিক্রি হয়ে যায়

# NEWSPAPERS

**THE TIMES OF INDIA** Kolkata

[illegible]

The data stored in a phone and PDA is actually stored in flash memory and is retained even if the device's battery is drained or removed. While 'hard reset' might return the software to factory-fresh condition, for some of the phones it needs to be taken to the technicians to erase

# ISOEH CORPORATE CLIENTS





# 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:

**Mobile: +91 8100442843**  
**+91 9830310550**



sandeep@isoeh.com

## Siliguri Branch Office



Baghajatin Park Main Road, Sub-Registry Office Building, 1st Floor, District - Darjeeling, Siliguri, West Bengal - 734001 (Beside Axis Bank)



For all queries:

**Mobile: +91 9007392360**  
**+91 9830310550**



sandeep@isoeh.com

## Bhubaneswar Branch Office



Plot Number 23, 2nd Floor, Lane Number 2, District Center, Chandrasekharapur, Bhubaneswar, Odisha - 751016 (Near ICICI Bank)



For all queries:

**Mobile: +91 8100442829**  
**+91 9007392360**



sandeep@isoeh.com



## Indian School Of Ethical Hacking

(A unit of ISOAH Data Securities Pvt. Ltd.)

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