C | APT

ANDROID PENETRATION TESTING

Indian Cyber Security Solutions
in association with
Indian Institute of Cyber Security

Unlock the world of mobile app security with our Certified Android Penetration Testing Course, offered by Indian Cyber Security Solutions in collaboration with the Indian Institute of Cyber Security. Gain skills to uncover and exploit vulnerabilities in Android apps using tools like Burp Suite, MobSF, and Frida.Learn Android architecture, reverse engineering, static/dynamic analysis, and OWASP Mobile Top 10. Through hands-on labs and real-world scenarios, build expertise in securing mobile apps from modern threats. Boost your mobile security career with an industry-recognized certification. Start your journey as a Certified Android Pen Tester today!

About the Program

Android Architecture

Reverse Engineering

Static & Dynamic Analysis

App Exploitation

OWASP Mobile Top 10

Secure App Development

In this specialized training, you'll gain hands-on experience with the latest tools and techniques used in Android penetration testing. This industry-ready course covers key areas such as Android Architecture, Reverse Engineering, Static and Dynamic Analysis, App Exploitation, OWASP Mobile Top 10, and Secure Application Development.

Designed for cybersecurity enthusiasts, ethical hackers, and mobile developers, the course combines theoretical knowledge with real-world attack simulations and expert-led labs. From analyzing APKs to exploiting insecure components, you'll build deep expertise in mobile app security.

Whether you're launching your cybersecurity career or upskilling in mobile security, this program is your gateway to becoming a Certified Android Pen Tester.

Certification

After the completion of the course, candidates will get a joint certificate from Indian Cyber Security Solutions and Indian Institute of Cyber Security

Course Fee

Class Room Training	Online Training
Course Fee: INR 14,000 /- (One-time payment) **Course Duration: 3 Months Training** 2 Classes Per Week X 2 Hours Each Day **Batch Timing** Week End Classes │ Week Days Classes	**Course Fee: INR 14,000 /-** (One-time payment) **Course Duration: 3 Months Training** 2 Classes Per Week X 2 Hours Each Day **Batch Timing** Week End Classes │ Week Days Classes

University Training Partner's

Jadavpur Universisty

Adamas University

IIT Guwahati

IIT Kharagpur

GNIIT

Lovely Professional University

Bangalore Institute of Technology
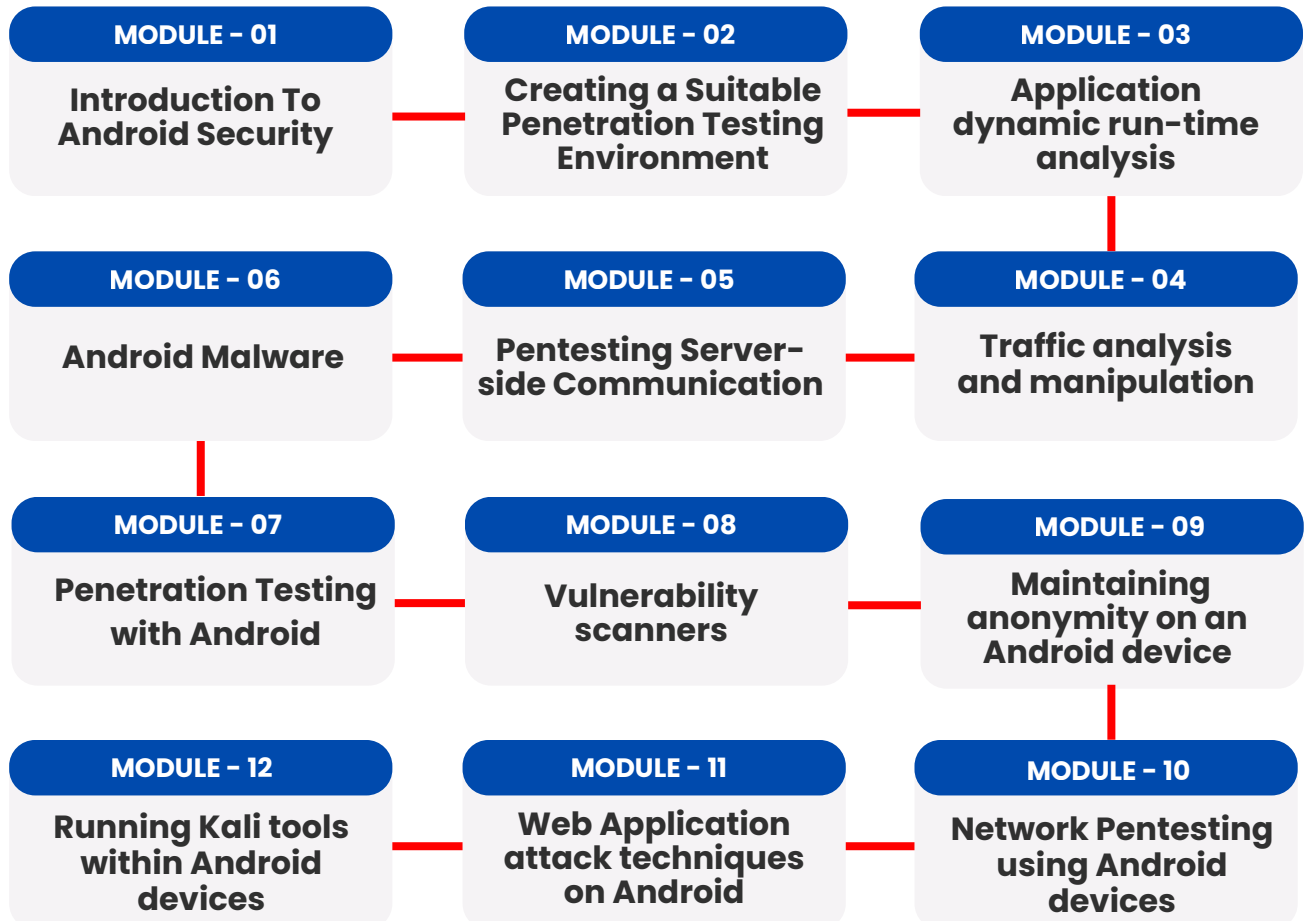
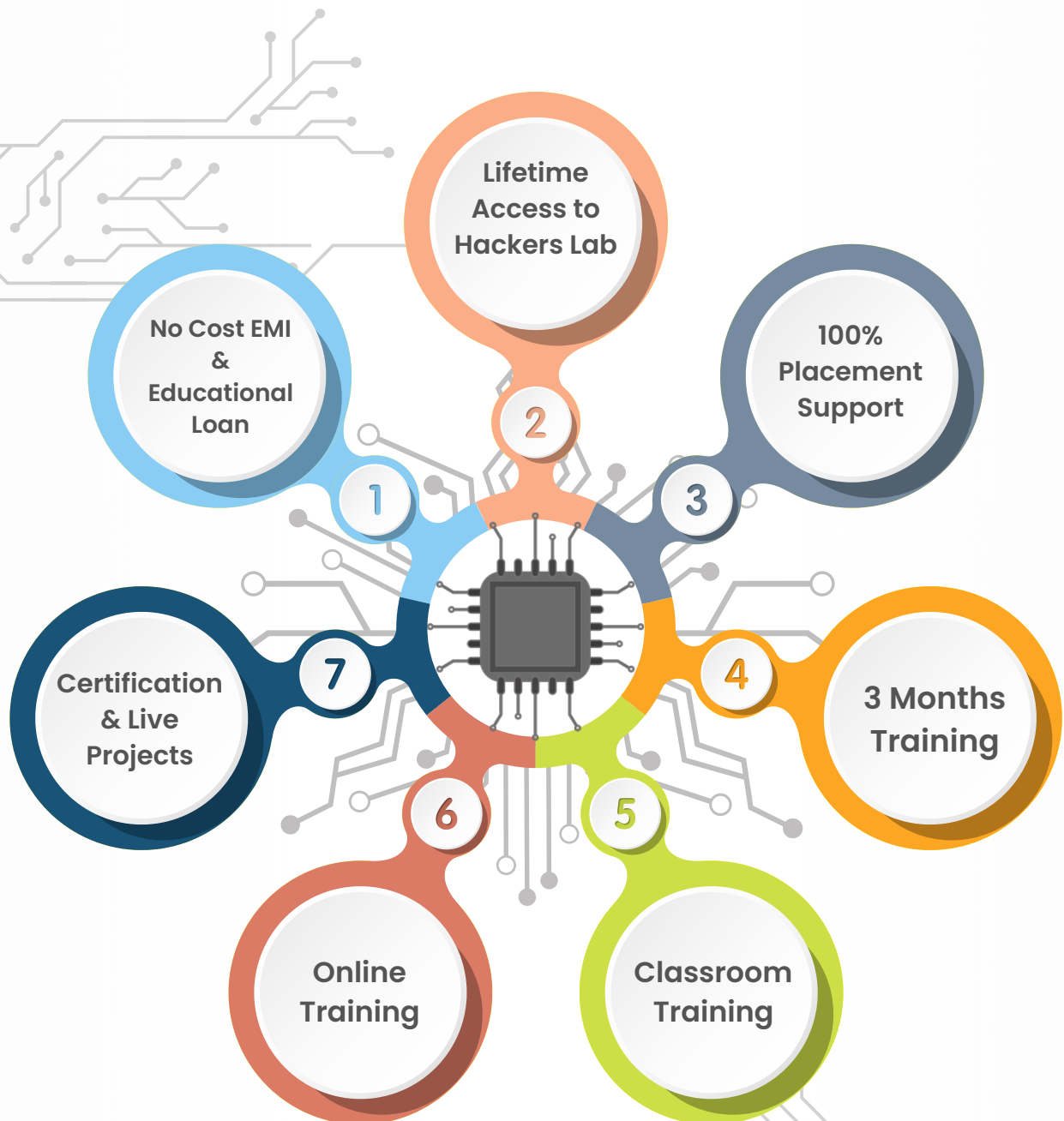**Bengal Institute of Technology and Managem**

Anna University

UNIVERSITY OF ENGINEERING & MANAGEMENT
Good Education, Good Jobs

C|APT- Certified Android Penetration Testing Course Module

MODULE – 01

Introduction To Android Security

MODULE – 02

Creating a Suitable Penetration Testing Environment

MODULE – 03

Application dynamic run-time analysis

MODULE – 06

Android Malware

MODULE – 05

Pentesting Server-side Communication

MODULE – 04

Traffic analysis and manipulation

MODULE – 07

Penetration Testing with Android

MODULE – 08

Vulnerability scanners

MODULE – 09

Maintaining anonymity on an Android device

MODULE – 12

Running Kali tools within Android devices

MODULE – 11

Web Application attack techniques on Android

MODULE – 10

Network Pentesting using Android devices

Key Highlights

1. No Cost EMI & Educational Loan
2. Lifetime Access to Hackers Lab
3. 100% Placement Support
4. 3 Months Training
5. Classroom Training
6. Online Training
7. Certification & Live Projects

Why Choose
C | APT Training at ICSS

Experienced and Renowned Instructors

ICSS is home to a group of knowledgeable and well-respected lecturers that bring their real-world expertise and insider understanding of the business to the classroom.

Practical and hands-on Training

Our program understands the value of flexibility and convenience, offering both online and in-person options. We prioritize accommodating your busy lifestyle.

The program is affordable and flexible

Our program understands the value of flexibility and convenience, offering both online and in-person options. We prioritize accommodating your busy lifestyle.

Global Recognition & Networking Opportunities

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Eligibility Critaria

Technical

Individuals with a technical background can boost their career by mastering mobile application security through the Certified Android Penetration Testing course.

- Graduates in science (B.Tech in CSE/IT/EC or BCA) can enroll.

- Commence with Certified Python Programmer course.

- Option to pursue Ethical Hacking course or C|EH certification.

Non-Technical

Students from non-technical backgrounds can also pursue the Certified Android Penetration Testing course and gain essential skills in mobile application security.

- Arts, commerce, or non-science graduates eligible.

- Begin with Certified Network Professional course.

- Conclude with Certified Network Penetration Tester course.

Job Opportunities

Android Penetration Testing

1 Mobile Application Security Analyst

Role: Identify vulnerabilities in Android apps, perform static/dynamic analysis, and conduct penetration tests.
Where: Cybersecurity firms, product-based app companies, IT consultancies.

2 Android Malware Analyst

Role: Analyze malicious apps, study malware behavior, reverse engineer Android threats, and support threat intel teams.
Where: CERT teams, SOCs, antivirus companies, threat intelligence units.

3 Application Security Engineer (Mobile)

Role: Design and implement secure mobile app architecture, code review, vulnerability patching.
Where: MNCs, fintech, healthcare, and e-commerce firms.

4 Bug Bounty Hunter (Android)

Role: Perform responsible disclosure of app flaws through ethical hacking and participate in bounty programs.
Where: Freelance, crowdsourced security platforms (HackerOne, Bugcrowd).

5 Mobile VAPT Specialist

Role: Conduct end-to-end mobile vulnerability assessments and penetration tests aligned with OWASP Mobile Top 10.
Where: VAPT service providers, cybersecurity consultancies.

6 Security Consultant – Mobile Apps

Role: Offer advisory on secure mobile development, compliance with mobile security standards, and risk mitigation strategies.
Where: MSSPs, IT compliance firms, cybersecurity audit companies.

Trainers Profile

- At Indian Cyber Security Solutions (ICSS), our Certified Android Penetration Testing trainers bring a blend of strong academic foundations and real-world mobile security experience to deliver industry-relevant training.

- Trainers have hands-on expertise in Android architecture, reverse engineering, mobile app threat modeling, OWASP Mobile Top 10, static and dynamic analysis, and exploiting mobile vulnerabilities using tools like MobSF, Frida, and Burp Suite.

- The team comprises certified cybersecurity professionals, ethical hackers, and mobile security consultants with extensive experience in securing enterprise-grade Android applications.

- Our trainers are active practitioners in the field of mobile app security who stay up to date with the latest Android security trends, exploits, and tools, ensuring that students receive current and practical insights.

- With a strong focus on real-time application and lab-based learning, ICSS trainers guide students through vulnerability assessments, APK decompilation, secure coding practices, and advanced exploitation techniques.

- Personalized mentorship, performance tracking, and hands-on labs are central to ensuring learners gain the skills necessary to identify and mitigate mobile-specific security risks.

- ICSS Android Penetration Testing trainers also assist students with resume building, interview preparation, and placement support for roles such as Mobile Application Security Analyst, Android Bug Bounty Hunter, and AppSec Consultant.
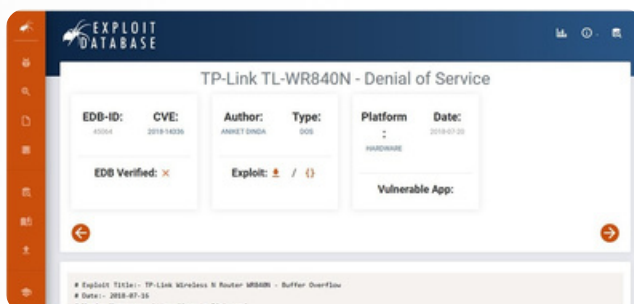
Student Achievements
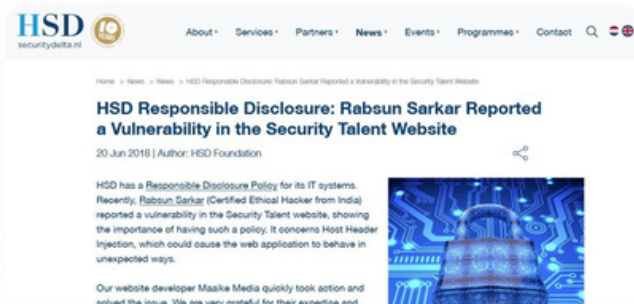
Rabsun Sarkar one of our students has found zero-day vulnerabilities in Google and in the Security Talent Website and also reported the same:

https://securitydelta.nl/news/overview/hsd-responsible-disclosure-rabsun-sarkar-reported-a-vulnerability-in-the-se- curity-talent-website

Aniket Dinda is our student who has found out about Zero-Day Vulnerability and has been published on Exploit DB:

https://www.exploit-db.com/exploits/45064
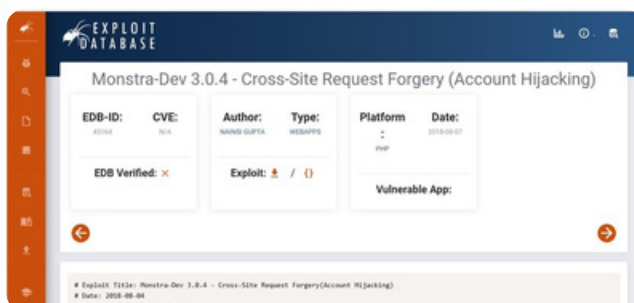
Nainsi Gupta is our student who has found out about Zero-Day Vulnerability and has been published on Exploit DB:

https://www.exploit-db.com/exploits/45164

Our Recent
Placements

Placed at: Tecplix
CTC 3.6 LPA

SUVHANKAR PROSAD KAR
CCNA
Check Offer Letter

Placed at: Tecplix
CTC 3.6 LPA

NAGACHARAN UN
Ethical Hacking
Check Offer Letter

Placed at: BLACK BOX
CTC 4.5 LPA

ARAPAN SAHA
CCNA
Check Offer Letter

Placed at: Tecplix
CTC 3.6 LPA

KUSHAL MV
WAPT
Check Offer Letter

Placed at: Tecplix
CTC 3.6 LPA

AYUSH RATHORE
WAPT
Check Offer Letter

Internship at: ARMATR2CS Applications
CTC 2.3 LPA

PRASANDEEP SUTRADHAR
Diploma in Cyber Security
Check Offer Letter

Internship at: exotel
CTC 2.4 LPA

ANIKET KUMAR
Diploma in Cyber Security
Check Offer Letter

Internship at: ARMATR2CS Applications
CTC 1.8 LPA

TANHAZ HUSSAIN
Ethical Hacking
Check Offer Letter

Internship at: Scrut Automation
CTC 2.4 LPA

SHIBASHISH SAHA
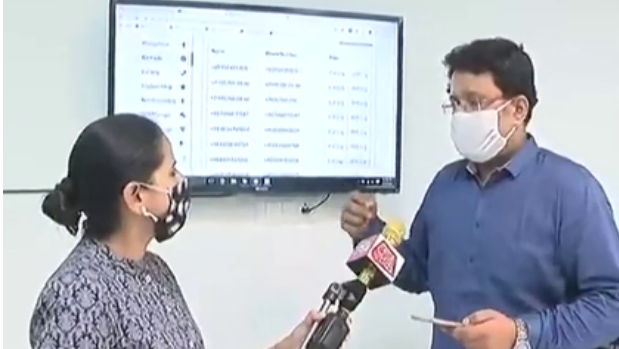CEH
Check Offer Letter

Our Achievements

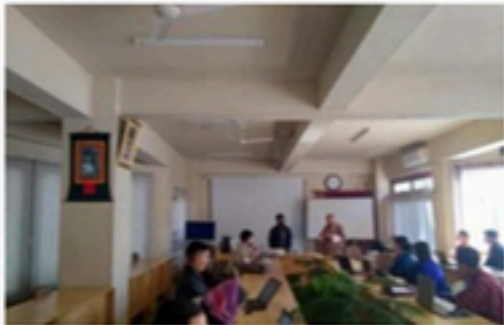# Media Coverages

Seminar & Workshop

Kolkata Police (Cyber Crime Department)

CISF Nes HQTRS Kolkata

Royal Police & Army of Bhutan

IIT Kharagpur (2017)

IIT Guwahati

Anna University, Chennai

Lovely Professional University

Guru Nanak Institute of Technology- Jis Group

Seminar & Workshop

Supreme Knowledge Foundation

Live Cybersecurity Demo with Bhutan Security Forces

Cyber Security Training at Lux Cozy

Cyber Security Workshop at Police Department

Smartathon 2024, hosted by Ericsson Telecommunications Inc.

Cybersecurity Conference at Keens Conference, Hyderabad

Cyber Security Workshop at ICFAI University

Certificate distribution Windhoek, Namibia

Seminar & Workshop

Cyber Security Workshop in Namibia

Cyber Security Training Session for LIC Senior Management

Mr. Abhishek Mitra Was Invited to CSIR-CIMFR's IoT-Based Smart Mining Initiative

Mr. Abhishek Mitra is invited to conduct a workshop IIT (ISM) Dhanbad.

Mr. Abhishek Mitra is invited to conduct a workshop at CSIR–CIMFR, Dhanbad.

Mr. Abhishek Mitra Invited to Conduct Workshop at Govt. Polytechnic, Nirsa Dhanbad

ICSS and IICS conducted a session at ICFAI University on Cyber Security and Legal Frameworks.

Our Hiring Partners

Other Collaborators

Parul University: Indian Cyber Security Solutions (ICSS) is delighted to join forces with Parul University in April 2022, marking the start of a five-year strategic collaboration focused on pushing the boundaries of cybersecurity education and research. ICSS will be investing its expertise and resources into this venture, equipping students with unrivaled skills for success in their field - ultimately igniting positive change across the industry through our steadfast commitment. We are brimming with anticipation over what incredible results will come from this partnership!

MAKAUT (ISKFGI College): With the ever-growing demand for skilled cybersecurity professionals. ICSS has teamed up with SKFGI College in a long-term partnership to establish an industry-leading program. For 10 years we will use our wealth of expertise and resources to ensure that students receive cutting-edge knowledge and skills from this collaboration- creating future leaders who can tackle any cybersecurity challenge. Our ambition is clear-develop tomorrow's talent today by empowering young minds into becoming successful digital citizens!

Lovely Professional University: Indian Cyber Security Solutions has collaborated with LPU to organize cyber security workshops, Hackathons and Bootcamps. The students at LPU put their skills to the test, making for a truly inspiring event. LPU and ICSS have decided to organize more such events as these events help them to sharpen the skills.

Brands that Trust
Our Competencies

Contact Us

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