IEM LABS.

COURSE BROCHURE

Certified Android Application Penetration Tester | CAAPT

Introduction to the Course

- With the advent of technology, people nowadays are using more and more smartphones than any other gadget. Maximum of these smartphones use the Android Platform to work on. In this certification course we only focus on learning the different methodologies of **Android Application Penetration Testing**.
- Even though **Android Applications** are very much secure still there could be some vulnerabilities in the application which could be exploited by black-hat hackers who could access your private information and cause security and privacy breach. Hence securing these **Android Applications** has become the need of the hour.
- In this course you shall be trained in every way of hacking into an **Android Application**, how to secure those vulnerabilities and the testing methodologies. This training is will provide a good foundation for you to work as an **Android Application Penetration Tester**. After the course is completed you will be able to break into an android system and find out every possible vulnerability in the system as well as repair those vulnerabilities.

Why to choose IEMLabs?

What makes this course much more exciting is that we provide **hands - on training** procedure through projects and practical based classes throughout the entire curriculum of the course.

We at **IEMLabs** provide both **Online** (through platforms like "***Google Hangout Meet***", "***Go to Meeting***", "***Zoom****", etc)* and **Offline** mode classes. The most beneficial point for a student to get trained by **IEMLabs** is "**One Year Lab Access**", i.e. every student from the date of admission will have access to our "**Online Virtual Lab**" for practising and getting all notes, pre-recorded videos and tools according to their course for one year absolutely free of cost.

About the Course

Course Type - **Advanced**

Eligibility Criteria: -

- **Knowledge of Android structure and development process.**
- **Knowledge on Cyber Security and Penetration Testing.**
- **Minimum System Configuration Required: -**
  - **Intel i5 processor**
  - **8gb Ram**
  - **1tb Hard disk**

Batch Size - **5 students maximum**.

Course Duration - **40 hours** i.e. **2 classes every week**.

Course Fee: -

- **Online: 14000 INR + 18% GST**
- **Offline: 13000 INR + 18% GST**

Training Location: -

- **Offline - Kolkata**
- **Online - Any**

Gradation System of IEMLabs

- **E Excellent (90% - 100% Marks)**
- **A+ Very Good (80% - 89% Marks)**
- **A Good (70% - 79% Marks)**
- **B+ Average (60% - 69% Marks)**
- **B Fair (50% - 59% Marks)**
- **C Fail (Below 50% Marks)**

Course Content

- Module - 1: Introduction to Android Security
- Module - 2: Lab Setup
- Module - 3: Android Build Process
- Module - 4: Application Dynamic & Run-time Analysis
- Module - 5: Traffic Analysis and Manipulation
- Module - 6: Pentesting Server-side Communication
- Module - 7: Android Reverse Engineering
- Module - 8: Android Malware Analysis
- Module - 9: Device Rooting
- Module - 10: Static & Dynamic Code Analysis
- Module - 11: Penetration Testing with Android
- Module - 12: Android Network Analysis
- Module - 13: Android Application Analysis
- Module - 14: Android Vulnerability Scanners
- Module - 15: Anonymity on Android Platforms
- Module - 16: Android Forensics
- Module - 17: Running Kali Linux tools on Android Platform
- Module - 18: Penetration Testing Report Writing
- Module - 19: Post Testing Methodologies
- Module - 20: Project

Frequently asked questions (FAQ's)

1. **What must be the minimum age for doing this course?**
   Answer - There is no minimum age requirement for doing this course.
2. **What must be the minimum qualification required for doing this course?**
   Answer - There is no minimum qualification required if the student meets the **Eligibility Criteria**.
3. **Will I get any course material?**
   Answer - Yes, all materials are available on our online virtual lab, you can access them fully upto 1 year from the date of admission.
4. **Will I get a certificate after this course?**
   Answer - Yes, certificate (hardcopy/softcopy) will be provided after the course which will consist of a grade provided by the assigned trainer as per the final project submitted.
5. **In which language classes will be conducted?**
   Answer - Classes will be conducted mainly on English, Hindi & Bengali, mainly it will depend on majority criteria.
6. **Is this for professionals, students or both?**
   Answer - This course is both for Professionals and Students.
7. **Will there be any exam or project?**
   Answer - Yes, there will be 3 exams through the whole course duration and 1 project to be done after the course completion based on which Grade for certificate will be provided.
8. **Will I have to carry my own laptop or it will be provided?**
   Answer - It is recommended that the student carry his/her own system because it makes their self-practise easier. In case of emergency laptop/desktop can be provided by us.
9. **What kind of jobs roles can I apply after doing this course?**
   Answer - You can apply for any job roles related to the course.
10. **Can I apply for an Internships at IEMLabs? What will be the selection criteria and procedure?**
    Answer - After completion of minimum 2 courses you can apply for an Internship. There will be a technical interview, based on the reports from Faculty and Technical Interview selection will be granted.
11. **Are the Internships paid?**
    Answer - Yes, the Internships are "***Paid Internships***".
12. **My question is not enlisted here, whom can I contact?**
    Answer - Feel free to get in touch with us at: -
    - Email: iema@iemlabs.com
    - Phone: India: +91 9163198148 | Canada: +1-604-431-979