IEM LABS.

COURSE
BROCHURE

Certified Web Application Penetration Tester | CWAPT

Introduction to the Course

Web Applications are gradually gaining more and more popularity in the recent years. This is because a **Web Application** runs on a remote server and does not require any additional installation. Although this is very convenient, it makes the **Web Applications** more prone to cyber-attacks and security breaches.

To prevent this from happening, we need to increase the security of the **Web Applications**. This is where a **Web Application Penetration Tester** comes into action. The job of a **Web Application Penetration Tester** is to hack into a **Web Application** using every means of hacking possible and find out all the possible vulnerabilities and loop holes in them which may be exploited by potential hackers.

Due to these factors, the **Certified Web Application Penetration Tester | CWAPT** course by **IEMLabs** is getting the most popularity in **Kolkata** and other places.

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 web development and related languages.**
- **Knowledge on Cyber Security and Penetration Testing.**
- **Minimum System Configuration Required: -**
  - o **Intel i5 processor**
  - o **8gb Ram**
  - o **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 Web Application Security
- Module - 2: Lab Setup
- Module - 3: All about Vulnerability
- Module - 4: SQL-Injection
- Module - 5: Cross Site Scripting (XSS)
- Module - 6: Cross Site Request Forgery (CSRF)
- Module - 7: Cross Origin Resource Sharing (CORS)
- Module - 8: Types of Injection
- Module - 9: Security Misconfiguration
- Module - 10: Cookies & Session
- Module - 11: Webserver Hacking
- Module - 12: Manual Testing Methodologies
- Module - 13: Automation Testing
- Module - 14: URL Redirection and Forwarding
- Module - 15: Insecure Deserialization
- Module - 16: Using Components with Known Vulnerabilities
- Module - 17: Insufficient Logging and Monitoring
- Module - 18: Broken Authentication
- Module - 19: Broken Access control
- Module - 20: Data Tampering
- Module - 21: Path Traversal
- Module - 22: Remote File Inclusion (RFI)
- Module - 23: Local File Inclusion (LFI)
- Module - 24: 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