



COURSE BROCHURE

DIPLOMA IN ADVANCED CYBER SECURITY | DACS

Introduction to the Course

From following our **Diploma in Cyber Security | DCS** you will have the basic knowledge about **Python Coding, Networking Web Development, Ethical Hacking, Network Penetration Testing and Web Application Testing**. The course **Diploma in Advanced Cyber Security | DCS** provides you with more strong fundamental knowledge based on which you can develop your skills in **Ethical Hacking & Cyber Security**.

That is why **IEM Labs** brings you this **Diploma in Advanced Cyber Security | DACS** course at the end of which you will know anything and everything there is needed to know about **Android Application Penetration Testing, Internet of Things Penetration Testing , Firewall Administration, iOS Application Penetration Testing and Reverse engineering and Malware Analysis** all together.

The different courses that are clubbed into this **Diploma** Course are as follows: -

- **Certified Android Application Penetration Tester | CAAPT:** This course will provide you with a step-by-step guide into **Android Application Penetration Testing**. Android applications are becoming increasingly popular today with the development of smartphones, but this also makes them vulnerable to cyberattacks. Hence this course is to help you to become a full-fledged **Certified Android Application Penetration Tester | CAAPT** which is a prestigious job in companies developing Android Applications.
- **Certified Internet of Things Penetration Tester | CIPT:** This course is to help you understand how the **Internet of Things** is formed and how it works. Being an interconnected system of physical and virtual machines, it is highly vulnerable to cyberattacks. To prevent this from happening, companies employ a **Certified Internet of Things Penetration Tester | CIPT** who tests the IoT product and finds out its vulnerabilities. At the end of this course you will be able to do IoT Penetration Testing like a pro.

- **Certified Firewall Administration Professional | CFAP:** A Firewall | **CFAP** is a security system which controls the input and output of data on the basis of some pre-defined rules. At the end of this course you shall have the basic fundamental concepts on firewall and how to administer it properly into a network system.
- **Certified iOS Application Penetration Tester | CIOPT:** **iOS applications** run only on **Apple** hardware, still they are vulnerable to hacking. To prevent this from happening, a **Certified iOS Application Penetration Tester | CIOPT** is appointed to find out its vulnerabilities and fix them. At the end of this course you will be able to penetrate into any **iOS Application** and find out its vulnerabilities.
- **Certified Reverse Engineer and Malware Analyst | CREMA:** At the end of this course you will know all the details about reverse engineering, i.e., the breakdown of any software to find out about its vulnerabilities and analyse the amount of malware attack that has occurred on the software.

This course is going to give a boost to your knowledge on **Cyber Security** and **Ethical Hacking** and will provide you with a strong fundamental base on **Android Application Penetration, IoT Penetration, iOS Penetration** and **Firewall Administration**.

Why to choose IEM Labs?

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 **IEM Labs** 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 **IEM Labs** 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 - Diploma

Eligibility Criteria: -

- **Knowledge about Cyber Security & Penetration Testing.**
- **Minimum System Configuration Required: -**
 - Intel i5 processor
 - 8gb Ram
 - 1tb Hard disk

Batch Size - 5 students maximum.

Course Duration – 18 months, 2 classes Per week

Course Fee: -

- **Online - INR 68,000/- + 18% GST**
- **Offline - INR 64,000/- + 18% GST**

Training Location: -

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

Gradation System of IEM Labs

- **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)**

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 IEM Labs? 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