

**IEM**  
**LABS.**



# **COURSE BROCHURE**

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**Diploma in Programming and Development | DPD**

## Introduction to the Course

With the increase in the number of companies who are engaging themselves in software development, they are recruiting people with a strong base in programming and development. You can know one or multiple programming languages, but you have to know it very well to be able to program complex problems using it.

That is why **IEM Labs** brings you this **Diploma Course in Programming and Development | DPD** at the end of which you will know anything and everything there is needed to know about coding languages like **Python Coding, Java Coding, C coding, Data Structures, Android Application Development** and **Full Stack Web Development** all together.

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

- **Certified Python Developer | CPD:** This course will provide you with a step-by-step guide into **Python Programming**. At the end of this course you will be able to program complex problems in **Python**.
- **Certified Java Developer | CJD:** This course will help you to gather a strong fundamental knowledge of programming in **Java** and all its applications.
- **Certified C Developer | CCD:** **C** programming language has been very much popular from its creation till now. **C Programming Language** has a variety of applications such as it is used to program microcontrollers, robotics, etc. At the end of this course you will have a strong fundamental knowledge about **C Programming** and its applications.
- **Certified Data Structure Professional | CDSP:** This course is a step-by-step guide to data structures and their applications. In this course you will learn about the different type of data structures like **stack, queue, tree, heap, etc.**

- **Certified Android Application Developer | CAAD: Android Applications** are becoming more and more popular due to the increasing use of smartphones around the world. Hence companies developing these apps are recruiting more and more **Android Developers**. At the end of this course, you will be able to develop fully functioning android applications.
- **Certified Full Stack Web Developer | CWD:** This course will help you to develop a full knowledge on the creation of **Web Applications** and how they work.

This course is going to give a boost to your careers and will provide you with a strong fundamental base on different programming languages and their applications.

## Why to choose IEM Labs?

What is more exciting is that we are going to give you **hands-on projects** and **practical based classes** throughout the entire curriculum of this course to give you an idea about the practical aspects 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: -**

- **No prior knowledge required.**
- **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 66,000/- + 18% GST**
- **Offline - INR 60,000/- + 18% GST**

**Training Location: -**

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

## Gradation System

- **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

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 courses covered.

### 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](mailto:iema@iemlabs.com)
- Phone: India: +91 9163198148 | Canada: +1-604-431-979