IEM LABS.

COURSE
BROCHURE

Certified Android Application Developer | CAAD

Introduction to the Course

In today's world, with the development of technology, more and more people are using smartphone instead of desktop setups. Most of these smartphones work on the **Android Operating System**. So, there is an increasing demand for **Certified Android Application Developer | CAAD** in this highly demanding market.

In this course the students will be taught details of **Android** structure, functionality and the methodologies for development of the applications totally from scratch. The job of an **Android Developer** is to develop mobile applications which run on an **Android Platform**. This course organised by **IEMLabs** goes step-by-step into **Android Application Development**. After the completion of this course the students will be able to develop fully functioning **Android Applications** and launch them in the market using **Play Store**.

The training sessions will be conducted by our industry experts who have been working in this field for the last 8-10 years. Using this certification credential students will be able to apply for **Android Developer** and related job roles.

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 - **Basic**

Eligibility Criteria: -

- **No basic knowledge is required.**
- **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: 11000 INR + 18% GST**
- **Offline: 10000 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 Development
- Module - 2: Android Architecture & Layout
- Module - 3: Lab Setup
- Module - 4: LifeCycle and Core Building Blocks of Android
- Module - 5: Fragments of Android
- Module - 6: Database Management
- Module - 7: ListView & RecyclerView
- Module - 8: Multimedia Platform in Android Development
- Module - 9: Application Development
- Module - 10: Concept of Notifications
- Module - 11: Content Provider Methodologies
- Module - 12: Location and Google Maps Integration
- Module - 13: Integration of REST API in Android Application using JavaScript Object Notation (JSON)
- Module - 14: File Handling
- Module - 15: Generation of Android application package (APK)
- Module - 16: Gradle Building
- Module - 17: Android Application Security
- Module - 18: 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 up to 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 **Android Development**.

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