

# CERTIFIED JAVA DEVELOPER

## CJD



**COURSE**  
BROCHURE



# INTRODUCTION TO THE COURSE

Data science is a multidisciplinary area that utilizes logical techniques, procedures, algorithms, and schemes for gathering information and perceptions from both unstructured and structured data and implementing know-hows and practicable understanding throughout a wide variety of application fields. Data science has widespread application in big data, machine learning, and data mining,

Since data science works on characteristically large data sets, it is used for problem-solving purposes in a broad variety of application areas. A Certified Data Science Professional can land a decent job in a firm that deals with big volumes of data.

Industry experts on data science and related domains will conduct all the training sessions. They have been relentlessly working in this area for the last decade or so. With the help of this certification credential, successful candidates from IEM Labs can apply for Data Science Professionals and associated job vacancies.

## FOCUS AREAS

● SIMPLE

SECURE ●

● PORTABLE

ROBUST ●



Overall, students have an outstanding opportunity to build a fundamental base on how Java works and will be able to code complex programming problems in Java.

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

This course makes learning an exciting experience since we provide hands-on training procedures via projects and practical-oriented 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 of classes. The students can make the most of the training offered by IEM Labs due to its "One Year Lab Access", i.e. every student from the date of admission will have access to our "Online Virtual Lab" for practicing and getting all notes, pre-recorded videos, and tools according to their courses for one year free of cost.



## MARKET JOB OPENINGS

Listed below are the Certified Java Developer jobs that are available for the eligible candidates no matter whether he is a student of IT or a working professional.

**Senior Java Developer**  
[Click Here to View Jobs](#)

**JAVA/JEE Developer**  
[Click Here to View Jobs](#)

**Java Programmer**  
[Click Here to View Jobs](#)

**Programmer/Analyst-JAVA**  
[Click Here to View Jobs](#)



# 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**

**ONLINE**

**OFFLINE**

**COURSE  
FEE:**

**8000 INR**

**8000 INR**

**TRAINING  
LOCATION:**

**ANY**

**KOLKATA**

# COURSE CONTENT



<b>MODULE 01</b>	<b>Introduction to Java</b>
<b>MODULE 02</b>	<b>Lab Setup</b>
<b>MODULE 03</b>	<b>Syntax and Semantics</b>
<b>MODULE 04</b>	<b>Object Oriented Programming (OOP)</b>
<b>MODULE 05</b>	<b>Packages, Imports and Exceptions</b>
<b>MODULE 06</b>	<b>Multithreading and Static Keyword</b>
<b>MODULE 07</b>	<b>Input &amp; Output</b>
<b>MODULE 08</b>	<b>Util Package (Datetime, Regular Expression)</b>
<b>MODULE 09</b>	<b>Java Database Connectivity (JDBC)</b>
<b>MODULE 10</b>	<b>Networking</b>
<b>MODULE 11</b>	<b>Design Patterns</b>
<b>MODULE 12</b>	<b>Features of Java</b>
<b>MODULE 13</b>	<b>Development in Java</b>
<b>MODULE 14</b>	<b>Servlet</b>
<b>MODULE 15</b>	<b>Event and Listener</b>
<b>MODULE 16</b>	<b>Jakarta Server Pages (JSP)</b>
<b>MODULE 17</b>	<b>Project</b>





# JAVA

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