

CERTIFICATE COURSE IN JAVA TECHNOLOGIES

**Eligibility: Diploma (IT/CS), BE/B.Tech. (IT/CS) or
BCA/MCA/PGDCA/M.Sc. (Electronics/IT/CS)**

Course Fees : Rs. 12000/-

Duration : 6 Weeks

Course Contents

Core Java Programming

- Fundamentals of Object-Oriented Programming, Java Evolution, Java History.
- Java Features: Overview of Java Language, Constants, Variables and Data Types, Operators and Expressions, Decision making, branching and looping.
- Classes, Objects and Methods, Arrays, String and Collections, Interfaces, Packages, Managing Errors and Exceptions.
- Multithreading, Applet Programming, Java AWT, Event Handling.
- Java I/O Handling.

Advanced Java Programming

- JAR file handling, Bean Concepts
- Java Enterprise Applications: Java Servlets, Java Server Pages(JSP), JDBC – Session beans – Entity beans.
- Cookies, Request dispatcher, Deploying n-tier application
- Introduction to struts Framework.

Database Concepts

- Introduction to Database Server.
- Java Database Connectivity.
- Creating Database, Creating Tables, Relations.
- Manipulating data in SQL.

Project Structure

- Front End: jsp, Servlets
- Back End: MySQL.

HOW TO APPLY: For admission, application may be sent on a plain paper stating course applied for, name, mailing address, educational qualification, practical experience (if any) along with attested copies of certificates and a demand draft/cash for the applicable fee i.e Rs.12000/- drawn in favour of “The Director, C-DAC”, payable at Mohali.