

About CRISP

CRISP is established under the Indo-German Technical Cooperation Agreement as an autonomous organization of the Dept. of Technical Education, Skill Development & Employment, Govt. of M.P.

CRISP provides technical training and consultancy services for Industry Personnel, Government Officers, Faculties of Academic & Training Institutions, Students & Jobseekers. CRISP is equipped with the state-of-the-art labs & technology, latest software, qualified, trained and experienced trainers in the relevant fields.

Other training programmes in CS/IT :

AI & Data Science:

- AI & ML
- Advance Data Analytics

Office Management With AI:

- Accounting with Tally Prime
- MS Office/Open Office
- Advanced Excel

Programming Languages:

- C & C ++
- CISCO Programming Essentials in Python

Networking & Cyber Security:

- CISCO IT Essentials (PCRM & Networking)
- CISCO Networking Essentials
- CISCO CCNA
- CISCO Cyber Security Essentials

Database Management:

- ORACLE (OCA)

Web Designings

Web Development with Python & Django



Patron Clients of CRISP



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JAVA (J2SE)



...unleashing the full potential of men & machines

JAVA (J2SE)



Introduction of Course

Java is a high-level, third generation programming language which is used to develop console and web based applications.

What is most special about Java in relation to other programming languages as C or Perl, is that it helps to write special programs called “applets” that can be downloaded from the Internet and played safely within a web browser.

Java is a class-based, object-oriented programming language. It is one of the most in-demand programming languages; setting a standard for enterprise software, web-based content, games and mobile apps, as well as the Android operating system. Java is designed to work across multiple software platforms, that is a program written on Mac OS X could also run on Windows.

Course Contents

Module 1

- History and Evolution of Java
- Data types and Variables
- Operator and Expressions
- Control Flow Statements and Arrays
- Concept of Object – Oriented Programming
- Introducing Classes
- A closer look at Methods and Classes
- Using java Objects
- Inheritance
- Interfaces and Abstract Class
- Packages
- Exception handling
- Multithreaded Programming

- Input/ Output Streams
- The Applets class and Event Handling
- String Handling Operations
- Introducing the AWT: working with windows, Text & Graphics

Module 2

- JDBC
- Introducing and Exploring Swing
- Networking with Java
- Remote Method Invocation (RMI)
- Generics, Annotations

Methodology

The programme consists of a mix of :

- Lectures and presentations
- Demonstrations
- Interactive discussions
- Hands-on practice

Pre-requisite

- Industry personnel with relevant experience.
- Graduate or students pursuing 10+2/ Degree/ Diploma in Electronics/ CS / IT Engineering or equivalent
- Working Knowledge of Computers
- Programming concepts (essential)

Duration

Full time : 5 working days (8 hours/day)

Part time: 4 weeks (20 working days, 2 hours/day)

Course Fee

Corporate participant: Rs.20,000/- (Non Residential) +GST

Fee will be subsidized for Jobseekers/students

Mode of Payment

Cash / UPI/ Online/ Debit/ Credit Card