



Java Development Training Module

Course Title : **Java EE** | Course Code : **JEE** | Duration : **90 Days**

- ◆ Introduction to Java EE(Enterprise Edition)
- ◆ HTML 5
- ◆ CSS 3: Cascading Style Sheets
- ◆ JavaScript
- ◆ J Query
- ◆ XML: Extended Markup Language
- ◆ JSON: JavaScript Object Notation
- ◆ AJAX: Asynchronous JavaScript And XML
- ◆ JSP: Java Server Pages
- ◆ Servlets
- ◆ JSF: Java Server Faces
- ◆ EJB: Enterprise Java Beans
- ◆ JPA: Java Persistence API
- ◆ JTA: Java Transaction API
- ◆ Project: Web Application



Course Title : **Java SE Module 1** | Course Code : **JSEM1** | Duration : **20 Days**

- ◆ Genesis of Java
- ◆ Overview of Java
- ◆ Data Types and Variables
- ◆ Operators and Expressions
- ◆ Control Flow Statements
- ◆ Introduction to Object Oriented Programming Concept
- ◆ Classes and Objects
- ◆ Constructors
- ◆ Inheritance in Java
- ◆ Interfaces
- ◆ Packages
- ◆ String Handling
- ◆ Exception Handling
- ◆ Multithreaded Programming
- ◆ Input / Output in Java
- ◆ Applets
- ◆ Enumeration
- ◆ Autoboxing



Course Title : **Java SE Module 2** | Course Code : **JSEM2** | Duration : **70 Days**

- ◆ Introduction to JAVA IDE's
- ◆ Exploring java.lang
- ◆ java.util (Part 1): Collection Framework
- ◆ java.util (Part 2): More Utility Classes
- ◆ Input / Output: Exploring java.io
- ◆ Exploring NIO
- ◆ Networking
- ◆ Event Handling
- ◆ Abstract Windowing Toolkit
- ◆ Swing
- ◆ Regular Expression
- ◆ RDBMS Using MySql and Oracle
- ◆ JDBC: Java Database Connectivity
- ◆ Mini Project (Using Swing)
- ◆ Data Access Object (DAO): The data layer
- ◆ Mini Project Revised (Using DAO)
- ◆ Annotation
- ◆ Reflection
- ◆ Hibernate
- ◆ Mini Project Revised (Using Hibernate)
- ◆ JavaFX
- ◆ Mini Project Revised(Using JavaFX)
- ◆ Project: Desktop Application