

JAVA J2EE COURSE SYLLABUS

Introduction To J2EE

- J2EE Overview
- J2EE Architecture
- J2EE Containers
- Why J2EE?
- J2EE APIs

Java Server Technologies

- Web Application Basics
- Introduction to servlet
- Developing and Deploying Servlets
- Handling Request and Response
- Accessing Database
- Session Tracking & Management
- Transferring Request
- Passing INIT and CONTEXT Parameter
- Controlling concurrent access
- Filtering Request and Response
- Filter Mapping
- Architecture and challenges of Web Application
- Servlet life cycle
- Exploring Deployment Descriptor (web.xml)
- Initializing a Servlet
- Servlet Chaining
- Dealing with cookies
- Accessing Web Context
- Sharing information using scope object
- User Authentication
- Programming Filter
- Servlet Listeners

Java Server Pages Technology

- Basic JSP Architecture
- JSP Tags and Expressions
- JSP with Database
- Tag Libraries



- Life Cycle of JSP (Translation, compilation)
- Role of JSP in MVC-2
- JSP Implicit Objects

Enterprise JAVA Beans

- Enterprise Bean overview
- Advantages of enterprise beans
- Working with Session Beans
- Working with Entity Beans
- Types of enterprise beans
- The Life Cycles of Enterprise Beans
- Statefull vs. Stateless Session Beans
- Message Driven Beans

JNDI (Java Naming And Directory Interface)

- JNDI overview
- Context operations
- JNDI API
- Using JNDI in J2EE applications