

Course Title: Basic Web Development with Java

Duration: 24 hours

Module 1 - JDBC

- Basic JDBC concepts
- JDBC drivers
- JDBC libraries and utilities
- Examples with MySQL

Module 2 - Servlets

- Purpose of servlets
- Basic servlet structure
- Servlet life-cycle
- Session tracking
- Cookies

Module 3 - JSP

- JSP Overview
- JSP and HTML
- JSP scripting elements
- Including files and applets
- Using Java Beans
- Custom tags
- Integrating Servlets and JSPs

Module 4 - Introduction to MVC Architecture

- What is Model, View and Controller and the basic concepts
- Advantage of MVC architecture over tightly coupled alternatives
- Examples with Struts/JSF

Module 5 - Project work