

## Short Term Courses – NIELIT Delhi Centre

### Certificate Course in Web Application Technologies (J2EE) with Project

#### Objective of the Course:

The objective of this course is to provide the necessary knowledge to design and develop dynamic, database-driven application using J2EE. Students will learn how to connect to any JDBC-compliant database, and perform hands on practice with a database to create database-driven connectivity.

#### Learning Outcomes:

After the completion of this course, the students will be able to develop a small project independently.

#### Duration of the

**Course** 80 hrs  
**(in hours)**

#### Minimum Eligibility Criteria

**and Prerequisite, if  
any** Basic Knowledge of any programming  
language

#### Outline of Course

S. No	Topic	Hours
1.	Introduction to core Java & J2EE	12 hrs
2.	SQL & JDBC	12 hrs
3.	Beans in Servlets	12 hrs
4.	Introduction to Struts Framework	10 hrs
5.	JSP	14 hrs
6.	Project using J2EE and Database concepts	20 hrs
	Theory / Lecture / Practical Hours	60 hrs
	Project / Lecture Hours	20 hrs
	Total Hours	80 hrs

#### Books Recommended for Reading and Reference:

1. "JDBC, Servlet and JSP Black Book" by Santosh Kr. K. ( DreamTech)