

**LEARN WELL  
TECHNOCRAFT**



# **ADVANCED JAVA SYLLABUS**

**11TH YEAR OF ACCOMPLISHMENTS**

Authorized Global Certification Center for Microsoft, Oracle, IBM, AWS and many more.


**08411002339/07709292162  
WWW.DW-LEARNWELL.COM  
INFO@DW-LEARNWELL.COM**

**203, SUPREME CENTER, ITI ROAD, ABOVE  
PIZZA HUT, AUNDH, PUNE - 411007.**



# ACHIEVEMENTS FROM TRAINING



- **CANDIDATE WILL BE ABLE TO SHOW 2-3 YEARS EXPERIENCE AFTER TRAINING.**
  - **REAL TIME SCENARIOS, CASE STUDIES, PROJECTS INCLUDED.**
  - **REAL TIME DATA PROVIDED FOR PRACTICE.**
  - **SOFTWARE WILL BE INSTALLED ON CANDIDATES MACHINE.**
  - **INDIVIDUAL 1 ON 1 DISCUSSIONS FOR RESUME MODIFICATIONS.**
  - **LEARN FROM INDUSTRY EXPERTS.**
  - **GLOBAL CERTIFICATION PREPARATION.**
  - **APPEAR FOR GLOBAL CERTIFICATION AT LEARN WELL TECHNOCRAFT ITSELF.**
  - **GET DISCOUNTED CERTIFICATION VOUCHERS.**
  - **AUTHORIZED GLOBAL CERTIFICATION CENTER FOR PEARSON, PSI, KRYTERION.**
- 

## 1. JDBC

- Introduction
- Jdbc Architecture
- Types of drivers
- Statements
- ResultSet
  1. Read only ResultSet
  2. Updatable ResultSet
  3. Forward only ResultSet
  4. Scrollable ResultSet
- PreaparedStatement
- Connection modes
- Save points
- Batch updation
- Callable steatment
- BLOB & CLOB

## 2. Servlet

- Introduction
- Web application architecture
- Http protocol & Http methods
- Web server & web container
- Protecting and Sharing
- Servlet interface
- Generic servlet
- Http servlet
- Servlet life cycle
- Servlet config
- Servlet context
- Servlet communication
  - A. Servlet-browser communication
    1. SendError
    2. SetHeader
    3. SendRedirect

1. HttpSession
2. Cookies
3. URL-Rewriting
4. Hidden form fields

## B. Web-component communication

1. Forward
2. Include

## C. Servlet-applet communication

- Filters and wrappers
- Listeners
- Web-Security

## 3. JSP

- Introduction
- Jsp LifeCycle
- Jsp implicit objects & scopes
- Jsp Directives

- 1.. page
2. include
3. taglib

- Jsp scripting elements
  - 1.. declaratives
  2. scriplates
  3. expressions

## B. Web-component communication

1. Forward
2. Include

## C. Servlet-applet communication

- Servlet tracking mechanism
  1. HttpSession
  2. Cookies
  3. URL-Rewriting
  4. Hidden form fields
- Filters and wrappers
- Listeners
- Web-Security

## 3. JSP

- Introduction
- Jsp LifeCycle
- Jsp implicit objects & scopes
- Jsp Directives
  - 1.. page
  2. include
  3. taglib
- Jsp scripting elements
  - 1.. declaratives
  2. scriplates
  3. expressions

- Jsp Actions

- A. Standard Actions

- 1.. UseBean tag
2. SetProperty tag
3. GetProperty tag
4. include tag
5. forward tag
6. param tag
7. plug-in tag
8. params tag
9. fallback tag
10. directives tag
11. scriplates tag
12. expression tag

- B. Custom Actions

1. Classic tag
2. Simple tags

- JSTL & tag library

#### 4. IDE

- MyEclipse

#### 5. Servers

- Tomcat
- Weblogic

#### 6. Database

- Oracle

# Also Available

- Internships - Paid / Free
- Internship certifications on successful completion
- Final year College Projects on Latest Skills
- Special Project batches
- College Seminars

[WWW.DW-LEARNWELL.COM](http://WWW.DW-LEARNWELL.COM)