

#Learn_from_Home

Java Web Development using JSP & Servlets

Course Code: LFH/Java/02

Duration: 20 hours

Course Syllabus

INTRODUCTION

This industry oriented course is developed by both the Software development division & Training division of **ipsr solutions limited**. IPSR is a **public limited IT company** with 20 years of expertise in [Software product development](#), [Training services](#), [Placement services](#) & [Digital Marketing services](#). During the past 2 decades, IPSR has trained candidates from **50+ countries** and helped **40000+ candidates** to build their IT career. Our IT services division is a pioneer in development of **Academic solution products**, incorporating cutting edge technologies like Artificial Intelligence, Data Analytics and Machine learning. Live industry experts from this IT division contribute a major role in delivering this course. Our placement division is having **1500+ placement tie-up companies** and we are conducting [recruitment on all days](#).

The Course curriculum is designed and developed by a team of expertise panel lead by following academicians

❑ **Dr. Mendus Jacob, M.Sc., M.Phil., Ph.D., MIOD**

- ❑ M.D & C.E.O - IPSR & Valin Technologies, U.K.
- ❑ Director - MCA, Marian College, Kuttikkanam (Autonomous)
- ❑ Former Director of School of Applicable Mathematics, M.G. University.
- ❑ Academician and Entrepreneur with 30+ years experience

❑ **Dr. Sunil Job K.A, M.Sc, M.Ed, M.Phil, Ph.D., RHCE**

- ❑ Chief of Academic Solutions - IPSR
- ❑ Former college Principal and a Specialist in Data Analytics & Machine Learning
- ❑ Blogger and a Resource person for National conferences



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- ❑ Academician with 25+ years experience

What you'll learn

Web Development using HTML, CSS, JavaScript, JSP and Servlets

Description

The “Java Web Development” course covers the skills required by a Java Web Programmer or Web developer

Course Outcome (CO)

While successfully completing this course, the learner will be able to:

- Create web pages using HTML & CSS.
- Do client-side validation using JavaScript
- Create simple web applications using Java web components such as JSP and Servlets.

What does this course give you?

The “Java Web Development” course covers the skills required by a Java Web Programmer or Web developer



Course content

Java Web Development

1. Web Development Basics

HTML, CSS, JavaScript

2. Java Web Applications

Web servers and application servers

Web Containers

Web Application Structures - .war files, building tool - Maven

Different Technologies using in Web Application

3. Web Development using JSP & Servlets

Servlet life cycle

Handling web requests in servlets

Servlet Context, Application Context, Servlet Config

InterServlet communication

Servlet filters

JSP Page Structure & Implicit objects

JSP Life cycle

Sessions & Session handling



Database communication – using JDBC

JSTL

jQuery & AJAX

Upload files & Images

Project: Web Project using HTML, CSS, JS, JSP and Servlets



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Contact Us

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We have branches at Kochi, Thiruvananthapuram, Calicut and Bengaluru.