**Course Sheet Template for Servlet JSP**

**Name: Course Sheet Template for Servlet JSP Web Services**

|  |  |  |
| --- | --- | --- |
| Prepared by Manisha Mane | Date: 05-Jul-2019 |  |
| Reviewed by Pradeep Chinchole | Date: 09-Jul-2019 |  |
| Approved by Nisha Mendonsa | Date: 12-Jul-2019 |  |

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
| **Version No.** | **Date** | **Affected Sections** | **Brief Description of Change** |
| 1.0.0 | 12-Jul-2019 | All | Original Version |
|  |  |  |  |
|  |  |  |  |

**Index Page No.**

1. Objective 3

2. Scope 3

3. Content 3

4. Methodology 3

5. Target Audience 3

6. Pre – requisites for Audience Profile 3

7. Duration 3

8. Evaluation Criterion 3

9. Session Plan 3-4

## **Definition and Purpose**

1. **Objective:** The training program is designed to give a comprehensive knowledge and hands on experience in developing a web application.

* Design and build robust and maintainable web applications
  + Create dynamic HTML content with Java Server Pages
  + Access databases with JDBC
  + Use Enterprise JavaBeans effectively from JSP

1. **Scope:** Applicable to all Atos Syntel employees/Atos Syntel Clients/ Temp Staff with Atos Syntel/ Vendors with Atos Syntel/ Potential client for Atos Syntel.
2. **Content:**

* Introduction To Servlets
* Servlet Objects and Methods
* Inter Servlet Communication
* Session Tracking
* Filter
* JSP Scripting and EL, Action Tags

1. **Methodology/Training Aids:** This is an instructor-led program. Training aids used are a projector, PPT, whiteboard, marker.
2. **Target Audience:** People who have joined as (Fresher) Campus Hires can attend this training.
3. **Pre – requisites for Audience Profile:** IT/CSE Background
4. **Duration:** 24 Hours

1. **Evaluation Criterion:** Evaluation will be based on online assessments (80%) and case study assignments (20%). A participant has to score at least 70% in each assessment.
2. **Session Plan:**

|  |  |  |
| --- | --- | --- |
| **Schedule** | | |
| Sr. No | Topic | Duration (In Min) |
| 1 | Introduction To Servlets | 180 |
| 2 | Servlet Objects and Methods | 180 |
| 3 | Inter-servlet Communication | 360 |
| 4 | Session Tracking | 120 |
| 5 | Filters | 120 |
| 5 | Dynamic content generation using JSP | 120 |
| 6 | Directives & operations | 120 |
| 7 | Interaction with Java Beans | 120 |
| 8 | JSP implicit objects & methods | 120 |
|  | **Total Training Duration** | **1440** |