

Selenium With Java course content:

- 1.Introduction to *Selenium* and its Components
- 2.Java Basics and Introduction to *Selenium* Web Driver
- 3.X-Path capacities and Waits in *Selenium*
- 4.Handling distinct Controls on a Webpage – 1

- Java Essentials
- I Frames utilizing Web Driver charges: By Index, By Name or ID, and By Web Element
- Alerts in Web Driver: Simple Alert, Confirmation Alert, Prompt Alert
- Modal Dialog boxes
- *Testing* Dropdown: Select by Visible Text, Select by Index, Select by Value

5.Handling unique Controls on a Webpage – 2

- Methods in Window dealing with:
- Get Window Handle Command
- Get Window Handles Command
- Switch To Window Command
- Switch between Windows
- Explain how to test whether all connections are taking a shot at a Web page or not
- Sending Email report utilizing Selenium Web Driver and Eclipse
- Handle Keyboard Events

6.Introduction to *Testing* Framework

7.Introduction to *Selenium* Grid and *Selenium* IDE

8. Page Object Model and Page Factory

9. Framework – 1

- What is an Automation Framework?
- Properties of Automation Framework
- Types of Automation Framework :
- Data-Driven Test Framework
- Key Keyword Driven Test Framework
- Hybrid Test Framework
- Which Framework to pick and when?
- Introduction to Data Driven Testing utilizing Apache POI
- Read/Write information from/to Excel sheet

10. Framework – 2

- Keyword Driven Test Framework
- How to make the Framework?
- Classes required
- How Do Test case Files resemble?
- Examples of Keyword Driven Framework
- Writing Test Cases utilizing Keyword Driven Test Framework
- Hybrid Framework
- Writing Test Cases utilizing Hybrid Framework
- How to make the Framework?
- Classes required to be made
- How Do Test case Files resemble?
- Examples of Hybrid Framework

11. Git, Jenkins, Maven, and Auto IT

- Maven
- Switch from Simple Java Project to Maven Project
- Maven for fabricates and sending Email reports
- Jenkins
- *Selenium* Integration with Jenkins
- Auto IT and its highlights
- Auto IT offers help for Keystrokes, Mouse Movement, Window Control
- Sikuli and its highlights
- How Sikuli works
- log4j – logging apparatus
- Interaction with *Selenium*
- Interaction with Flash applications
- Upload document Auto IT Script in *Selenium* Web Driver