



POWERED BY 3RI TECHNOLOGIES

SELENIUM

Instructor-Led Online-Training

PREMIUM CORPORATE TRAINING



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FACULTY

Our Selenium Trainers are working professionals at senior positions of top-tier companies, they are the experts in Basic and Advanced Selenium having 8+ years of relevant experience in the Automation Testing Domain.



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SUBJECTS & TRACKS

Why 3RI is Specialized in SELENIUM?

3RI's Selenium Curriculum is based on real-time industry approach, they are short and practical oriented to learn the concepts in fast pace with implementation skills.

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SELENIUM AUTOMATION TESTING



Core Java

Core Java is an integral part of Selenium Automation Testing, all the automation api has been written in Java.



Framework Design

The main feature of this training is explanation and implementation of framework of 3 to 4 applications.



SELENIUM

Basic Selenium has many concepts for Automation Testing which should be taught in a slow pace.



Cucumber

Cucumber is most demanding Automation Testing Feature in today's industry.

CURRICULUM

1. Overview of Java

- OOP's Data Types and Variables
- Operators, Control Structures
- Strings, Arrays

2. Objects and Classes

- Object, Classes and Methods
- Method Overloading
- Constructors

3. Inheritance

- Types of Inheritance
- Method Overriding

Core Java

4. Packages and Interfaces

- Defining Packages
- Extending Interfaces

5. Exception Handling

- Fundamentals of Exception Handling
- Exception types
- Try and Catch and finally
- Multiple Catch

6. Collections Framework

- Collection Interfaces and Classes
- List, Set, HashSet, Iterator, other Classes

Basic Selenium

1. Introduction to Automation Testing

- What is Automation Testing?
- Which Test Cases to Automate?
- Different Automation tools
- Automation challenges & Mitigations

2. Introduction to selenium

- What is selenium?
- History and various versions of selenium
- Advantages of using Selenium over other tools
- Selenium components

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CURRICULUM

3. Selenium-IDE

- Introduction
- IDE Features
- Building Test Cases
- Running Test Cases
- Building and Running Test Suites

4. Selenium Web Driver 3.0

- Why Selenium Web Driver ?
- What is a Driver?
- Automation Setup for Selenium Web Driver
- Configuration of Selenium using Eclipse

CURRICULUM

5. Identification of Locators

- Tools to identify elements/objects
- Setup for Firebug, Firepath
- Different methods of finding element
- By ID, By name, class
- By Xpath, By Tag name, By Link text
- By CSS
- Using Effective X-path

6. Selenium Commands

- Various types of operation performed on elements and how to use
- Browser, Navigation Commands
- Working with different browser

Basic Selenium

- Handling Checkbox, RadioButton
- Dropdown and Select Operations, capturing Screen shots
- Handling Keyboard and Mouse Event
- Multiple Window Handling
- Alert & Pop Up Handling

7. Handling WebTables

- What is WebTables
- Extracting values from WebTables
- Static and Dynamic WebTables

8. Wait Commands in Selenium
Implicit, Explicit Waits

Adv Selenium

1. Framework Designing

- What is a Framework?
- Different Types of Framework
- How to Design a framework?
- Data Driven Framework using Excel

2. TestNg Framework

- Test NG & TestNG features
- Integrate TestNG with Eclipse
- Test NG Annotations, Reporting

3. Build Tools -Maven

- How to create a maven project in Eclipse

CURRICULUM

- Maven Build Cycles
- How to compile and Run tests using Maven

4. POM Framework

- Advantages of POM
- How to implement
- Using Page Object and Page Factory

5. Cucumber Framework

- What is BDD
- Cucumber implements BDD
- Preparing Features File having test scenario
- Writing a step definition
- Writing Runner Class

CURRICULUM

- Given, When, Then, And, But annotations and usage in features class
- Passing parameters in Step Functions
- Using regular expression in step implementation to parameterize
- Parameterize complete scenario using features class
- Datatable in Cucumber and its implementation
- Using Assertions to report failure
- Running simple feature/Step scenario

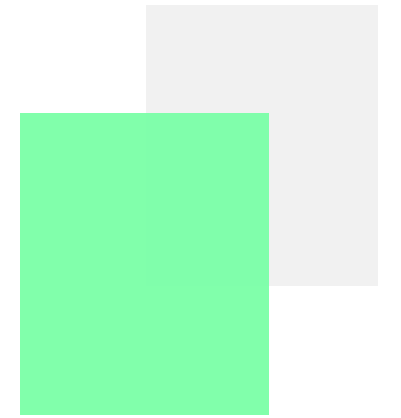
Adv Selenium

- Building a simple test case
- Executing project from eclipse
- Generating Cucumber reports
- Background and Pending Exception
- Parameterizing/repeating test cases from feature classes

6. Continuous Build Integration tools- Jenkins

- What is Jenkins and how to use it
- How to integrate jenkins with Eclipse

PLACEMENT SUPPORT



Placement at Our
Client's Location



Interview
Preparation



Resume Workshop
by Experts



Real World Application
Integration in Resume



Exclusive Sessions
from Experts

Don't Forget!

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The Presenters

WHO WE ARE?



SWAPNIL SIR
Automation Testing Expert



TEJAS SIR
Automation Testing Expert

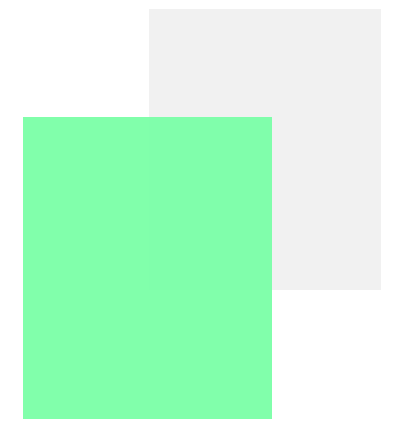


KRISHNA MA'AM
Java Specialist

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FAQ'S



- **Do I need to purchase any Software ?**

No, we provide necessary installation guides of the software required.

- **What are the specific System Requirements ?**

4 GB RAM, 500GB Hard disk (i3 Processor).

- **What are Projects ?**

Projects are real world datasets from companies like Gmail, Facebook, flipkart, Amazon, etc. that are provided to our students.

Have any questions or suggestions?

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