

Selenium Course Details

By [Besant Technologies](#)

Course Name	Selenium
Category	Automation Testing Tool
Venue	Besant Technologies
Address	No.24, Nagendra Nagar, Velachery Main Road, Velachery, Chennai – 600 042 Landmark – Opposite to Phoenix Market City
Official URL	Selenium Training
Demo Classes	At Your Convenience
Training Methodology	25% Theory & 75% Practical
Course Duration	35-40 Hours
Class Availability	Weekdays & Weekends
For Demo Class	Call - +91-996 252 8293 / 94 Email ID – besanttech@gmail.com

Why Besant Technologies?

- Training by highly experienced and certified professionals
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Selenium Training Outline

Introduction:

- Introduction of selenium
- Selenium components
- How differs from other automation tools
- Advantages of selenium
- Overview of Testing framework
- Overview of Eclipse

Selenium Architecture:

- Selenium RC Architecture
- Webdriver Architecture
- Webdriver vs. Selenium RC
- Brief explanation about advantages of webdriver

Locator Techniques:

- Introduction about locator concept
- Brief explanation of different locator techniques
- Xpath techniques explanation with different kind of real time scenarios

Selenium IDE:

- Download and Installation
- Record and playback techniques
- Modifying the script using IDE
- Convert the IDE script into RC script
- Validate the locator value using IDE

Selenium setup:

- Explanation of step by step instructions for setup
- Integration of eclipse and TestNG

Selenium RC:

- Start the Selenium server
- Basics of Annotations in Testng
- Write the basic script of Selenium RC
- How to execute the scripts (different ways) and look the results
- Brief explanation of commands in selenium RC

WebDriver:

- Webdriver setup
- Detailed discussion about webdriver commands
- Handling different browsers
- Create our own methods in webdriver

- More programming techniques in webdriver
- Using RC commands from webdriver project
- Migration of selenium1 code to selenium2
- Project structure organization

TestNG:

- Brief about Testing framework and Testng
- Annotation concept and different types
- Testng Configuration
- Suite execution from command prompt without eclipse
- Parallel script execution
- Grouping the testcases
- Parameter configurations
- Suite creation methodology
- Report generation
- Assertions
- Verifications
- Listeners in Testng
- Create customized report using Testng & Java

AutoIT:

- Need of AutoIT tool
- Basics of AutoIT tool and create simple script
- Converting AU3 file to exe file
- Calling AutoIT script from selenium project

Selenium Grid:

- Introduction of selenium Grid
- Installation and setup of Hub and node
- Script changes for Selenium grid execution
- Simple script execution using grid
- Parallel execution using grid