

Selenium

Dear Student,

Based upon your enquiry we are pleased to send you the course curriculum for Selenium

Given below is the brief description for the course you are looking for:

- **What is Selenium; understand difference between RC and WebDriver**
- **Selenium IDE:**
 - ✓ Recording and Play
 - ✓ Export recorded steps in java
 - ✓ Understand code structure
 - ✓ Setup environment
- **Understand Locators:**
 - ✓ id
 - ✓ name
 - ✓ css
 - ✓ xpath
 - ✓ link text
 - ✓ partial linkText
 - ✓ tagname
 - ✓ class
- **Check web element (Text box, Radio, checkbox etc) is enable/disable and displayed on page or not**
- **Check Radio button and Check box is selected or not**
- **Use keyboard, Mouse over, Handle java script alert, Handle page cookies, page refresh**
- **Run test in different (Firefox, IE, Chrome)**
- **Unit Testing Framework: JUnit**
 - ✓ Junit Annotations

Selenium

- ✓ Test Suite in JUnit
- ✓ Understanding JUnit Results

- **Handle Ajax list, iFrame**

- **JAVA**
 - ✓ Class, Objects, Constructor
 - ✓ Method Overloading
 - ✓ Method Overriding
 - ✓ Exception Handling (try catch)
 - ✓ Inheritance
 - ✓ Super, Static, this keyword
 - ✓ Final, Finally and Finalize
 - ✓ Abstract classes and Interface
 - ✓ Collection Framework (List, Set, Hash map, Hash table)

- **Handle multiple browser windows, Web tables and Calendar**

- **Selenium Wait (implicit, Explicit, Fluent)**

- **Unit Testing Framework: TestNG**
 - ✓ TestNG annotations
 - ✓ XML suite and parameterization
 - ✓ Parallel test execution
 - ✓ @DataProvider

- **Execute java Script, Take Screenshot (when tests fail), Scroll browser window**

- **Handle Flash Objects using SIKULI**

- **Upload/Download Files using AUTOIT**

Frameworks

- **Data Driven Framework (Read/Write Data from Properties and Excel File)**

- **Build Automation Tools and Report Generation**
 - ✓ **Apache ANT**
 - Download and Configure ANT
 - Understand build.xml
 - Configure project
 - Run tests and generate XSLT report

 - ✓ **Apache MAVEN**
 - Download and Configure Maven
 - Understand POM.xml
 - Understand dependencies
 - Configure project
 - Run tests and generate Surefire report

- **Cucumber Framework**
 - ✓ - About BDD
 - ✓ - Understand Gherkin syntax
 - ✓ - Create feature file
 - ✓ - Configure project
 - ✓ - Run tests

- **Page Object and Page Factory**
 - ✓ - Understand page object concept
 - ✓ - Understand PageFactory
 - ✓ - @CacheLookup, @FindBy, @FindsBy, @FindBy

- **Git and GitHub / Jenkins**

- **DB Connectivity (MySQL)**

Selenium

➤ Selenium Grid (Cross platform testing)

- ✓ - Concept of Grid
- ✓ - Start HUB
- ✓ - Start Node and register it with HUB
- ✓ - Understand DesiredCapabilities
- ✓ - Run tests

Fees: - 11500/-

Available Discounts

- Flat 10% Discount on onetime payment.
- Flat 10% Discount if joining on the same day of demo or enquiry.
- Special discount for group joining(minimum 5 students)
- Got someone's reference??, get flat ₹ 500 Discount. .
- Flat 1000/- Discount for our old students..

Note: - maximum two discounts are applicable for a single student

Tutorial: - <http://tutorial.techaltum.com/SeleniumTutorial.html>

Trainer Profile (Mr. Amit Tyagi)

- ✓ Total 8+ Years' Experience in Software Testing automation Field.
- ✓ Having 5+ Experience in Selenium automation and Mobile Application Testing.
- ✓ Also Involved in Corporate Training from last 5 Years.

Counselling