

# Aceindus IT Training

## Selenium

### Course Content

#### Introduction to Test Automation

- Benefits of Test Automation
- When and Why to Automate Tests
- A look at Test Automation Solutions

#### Introduction to Selenium

- What is Selenium
- Selenium Components
- Selenium vs Other Solutions

#### Test Automation with Selenium IDE

- Concept (Command, Target, Value)
- Record, Insert & Play
- Record, , Insert & Play with Example
- Locators
- Verifications
- Synchronization

#### Selenium Remote Control (RC)

- Selenium RC Concept
- Setup
- Record & play
- Test Scripting

- Test Data Handling
- Selenium API Examples
- Result Reporting

### **Limitations and Common Challenges**

- AJAX
- Synchronization
- Asserts and Verifications
- Java Script Events
- Alerts, Popup Windows
- Extending Selenium
- UI Elements
- JQuery Object Locators
- Custom Actions
- Selenium Grid

### **Selenium 2.0**

- Web Driver
- Page Object Pattern in Example

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