

SELENIUM CONCEPTS

Hrs: 45 Hrs

- > Introduction about Automation.
- > Why Automation? When to use Automation?
- > Automation History and automation tools
- > Selenium
 - What is Selenium?
 - Selenium features
 - Selenium Limitations
 - Components of Selenium
- > Selenium Web driver & Architecture
- >Download and Installation Process
- > Launching Browsers (Chrome, Edge,etc...) using Selenium Web Driver
- > Sample Selenium Programs
- > Basics of HTML for Selenium
- > Inline CSS and CSS Selectors
- > Locators in Selenium and Their Properties
- > Multiple Conditions in X-Path
- > Web Driver Commands
- > How to Handle Radio Buttons and Check boxes using Selenium
- > How to Handle Dropdown Lists
- > How to Handle Double click and Right Click
- > How to Take Screenshot(Temporary) and Full Page Screenshot
- > Working with Alert Dialogue boxes
- > Working with Prompt Dialogue boxes
- > Working with Confirm Dialogue boxes
- > Working with Multiple Windows boxes
- > Working with Mouse Over Event

- > Working with Drag and Drop Event
- > Selenium Waits
 - Implicit Waits
 - Explicit Waits
 - Fluent Waits
- > Stale Element Reference Exception
- > Page Object Model(POM)
- > Page Factory in Selenium
- > POM using Page Factory
- > TestNG
 - Introduction
 - Features
 - Installation
 - TestNg Automation
 - Working with TestNg Framework
 - Parallel testing in TestNg
 - Assertions in TestNg
- > Priority
- > Invocation Count
- > Selenium Frame Work
 - Data Driven Framework
 - Keyword Driven Framework
 - Hybrid Driven Framework