

Course Code: HSTNG01

Course Title: Selenium TestNG

## Description:

Selenium WebDriver with TestNG course is for people who already know some basics of automation testing with selenium webdriver, and want to improve their test automation and Selenium WebDriver knowledge and be able to build a easy maintainable test framework with Java and TestNG.

## Objectives:

- Develop Full-Stack Test Automation Framework from scratch
- Implement Data Driven Test Framework
- Use Page Object Model in Selenium
- Automate almost any test case with Selenium

## Prerequisites:

- Java or Python - Beginner or Intermediate
- Experience with Selenium WebDriver (Ability to automate basic test)
- Previous experience with TestNG or junit testing frameworks
- Desire to build Full-Stack Test Automation Framework with Selenium WebDriver

## Duration:

40 Hrs

## Topics:

Unit 1: Introduction to Selenium WebDriver

Unit 2: Basic Selenium Framework Improvements

Unit 3: Page Object Model for Selenium tests

Unit 4: Selenium Data Driven Framework

Unit 5: Advanced Selenium Interactions and Techniques

**Audience:**

- Test Automation beginners
- Software Developers interested in testing
- Selenium Testers

**Certification:**

None