**Pankaj Yogi** Awarded as a best selenium trainer from Mumbai by UrbanPro.

Advance Selenium Training Program

Classroom Training location: Mumbai

Live online training: Go to Meeting/Zoom

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# ABOUT Trainer

Pankaj is a seasoned professional having 12 years of rich experience in functional and automation testing. He has worked on complex projects and developed generic frameworks which helps in execution of large test suites.

He has trained professionals across India and abroad and you can find some of the reviews on following like

“ <https://www.urbanpro.com/kalyan/pankaj-yogi-java-and-selenium-trainer-nilje/reviews/7780514> ”

This courses are designed with the intention of providing hands-on training to students along with preparing them for certifications, recognized worldwide.

We have developed an exclusive Learning approach where industry level challenges

discussed and trained to develop solutions accordingly.

“Automation does not do what testers used to do, unless one ignores most things a tester really does.

Automated testing is useful for extending the reach of the testers work, not to replace it.”[**— James Bach**](https://twitter.com/jamesmarcusbach)

# Selenium Advance Professional Course



**Course Objective:**

We have designed a course for testing professionals, who wish to enter the automation testing domain with Selenium framework.

The ***professional*** module is designed to introduce any manual testing professional to the automation world with comprehensive training on all the mandatory skills for Selenium Automation tester

The **advance** module is intended for the professionals, who wish to pursue the skills of an automation testing framework developer/designer. This module will provide understanding of various automation frameworks with trainer demonstrations.

***Selenium Advance = Selenium professional + Advance module***

**Course Duration**

Selenium Advance professional course is s of ***44 hrs***. with following 3 options.

* Every Saturday and Sunday – Duration 2 Hrs. (11 Weeks)
* Every Saturday or Sunday – Duration 4 Hrs. (11 Weeks)
* Weekdays only- duration 1 Hr. (9 Weeks)

**6 months’ complimentary access to online/classroom batches**

As a student you will be provided support for following activities which will help you to grow as a professional.

* + Solved Examples
  + Practice Assignments
  + Access to all the course webinars
  + Interview question bank
  + One to One discussion on topics needed

**Course Content:**

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| **Main Modules** | **Details** |
| * Introduction to Selenium | 1. Introduction to selenium 2. Introduction to automation testing 3. Scope of selenium trainings 4. Introduction to testing life cycle 5. Introduction to selenium components 6. Introduction to Java 7. Why Selenium Automation is in demand 8. What are carrier options after this course 9. Role and Responsibilities of automation tester |
| * Introduction to Eclipse | 1. Set-up Java step by step. 2. Set-up eclipse with right plugins. 3. Workspace configuration eclipse 4. Shortcuts in eclipse 5. Eclipse menu navigation 6. Run/debug mode hands-on 7. Project management in eclipse 8. Project import/export |
| * Selenium webdriver set-up with eclipse | 1. Setting-up selenium webdriver Jar 2. Setting-up selenium grid Jar 3. Writing first simple java project 4. Debug and execution of Java project |
| * Java Basics | 1. Java Architecture in detail. 2. Overview of Java classes. 3. Objects in Java 4. Java Datatypes 5. Java Variables 6. Java constructors 7. Java Blocks 8. Java Methods |

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| * Java essentials | 1. Flow control 2. This keyword 3. Access modifiers 4. Regular expression 5. Java IO 6. JDBC 7. Apache POI 8. Exception Handling |
| * Java OOPS | 1. Polymorphism 2. Inheritance 3. Abstraction 4. encapsulation |
| * Java Collection | 1. Arraylist 2. Hashmap 3. Set |
| * Selenium web driver part- I | 1. Web driver architecture understanding 2. Setting-up chrome/Mozilla/IE drivers 3. Introduction Attribute locators and practicing 4. Introduction to Xpath and CSS with thorough practicing 5. Sample Test case automation with chrome/Mozilla/IE 6. Practical usage selenium basic commands lick click/sendkeys/get/navigate/manage/close/quit 7. Xpath helper/ firebug /IDE usage to locate WebElements. |
| * Selenium web driver part- II | 1. Web page controls handling    * 1. Dropdown      2. List box      3. Date picker      4. Radio button      5. Links      6. Scroll bar      7. Images      8. Combo-box 2. Writing Desired capabilities for different browsers 3. Managing browser settings through option class 4. Writing code for implicit and Explicit wait |
| * Selenium web driver part- III | * 1. Switch to window, frame and browser tab   2. Broken link of application   3. Taking ScreenShot   4. Confirmation and pop-up message handling   5. Static and dynamic web table   6. Handling proxy settings of browser |

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| * Selenium web driver part- IV | 1. Menu Navigation 2. Page Factory 3. Drag & Drop 4. Scrolling web Page 5. Java Script executor 6. Action class 7. Assert Vs Verification 8. Customized explicit wait 9. Script execution using Data Driven Approach |
| * Selenium Grid | 1. Remote web driver 2. Hub and Node setup 3. Hub and Node config file creation 4. Parallel execution |
| * Maven | 1. Step by Step Maven configuration to the project 2. Setting-up POM file 3. Managing dependencies through POM 4. Execution through Maven |
| * Page Object Model | 1. Introduction to Page Object Model 2. Advantages POM approach 3. Rules of POM project 4. Sample project development using POM   . |
| * TestNG Framework | 1. Introduction and advantages of TestNG framework 2. TestNG Annotation and its usage. 3. Data Provider in TestNG 4. TestNG Reporting 5. TestNG Parameters and suite 6. TestNG Parallel execution |
| * Automation Framework | * 1. Introduction to Automation framework   2. Why Automation framework needed   3. What are the components of framework?   4. What is data driven framework   5. What is keyword driven framework   6. What is hybrid framework |
| * Jenkins | * 1. Introduction and Jenkins Set-up   2. Advantage of Jenkins in automation   3. Job creation in Jenkins   4. Script execution through Jenkins   5. Email notification and reports in Jenkins |