

Automation Testing Course

About QuickXpert Infotech

Best institute for IT training and placements for classroom and online training for students and corporates. We are an ISO certified institute and in the industry since 2014. Our strong training and placement team have helped thousands of students build their career.

Courses - JAVA, Dot Net, Software Testing, Web Development, Full Stack Development, MERN, MEAN, Oracle, Digital Marketing, Python, Data Analytics, Data Science & A.I., Cyber Security, Salesforce, Service Now, Tableau, Power BI, Excel, React, Angular etc.

Live Projects - MarriageKing, theVibrantBirdie, CRM etc

Corporate Trainings - GeBBS Healthcare, NVest Solutions, Infogix, PDG Software, GMV India etc.

Syllabus mentioned below.

Tools You Learn



quickxpert



cucumber



Automation Testing

Automation Concepts

- Description
- Definition
- Functionalities
- Regression Testing

Java Programming

- Control Structures
- If Else, For Structure Looping
- While Looping
- Do-While Looping
- Object Creation
- Methods Creation
- Arrays and Strings
- Packages
- OOPs Concepts
- Collection and Generics (Array List, Linked List, Set, Hash-map, Hash-Set, Map Interface)
- JDBC Connection - covered in Adv. Automation Testing
- Exception Handling - covered in Adv. Automation Testing
- File Handling
- File IO - covered in Adv. Automation Testing
- MYSQL(Setup & Configuration)

- MySQL Workbench
- Creating Database, Tables and CRUD Operations
- JDBC Configuration and CRUD Operations
- Note – Java how much required is covered here, if you want to learn full core Java course then 3 weeks duration and pricing extra.

Selenium IDE

- Setup, Record / PlayBack
- Manual Editing
- Auto-script - using Commands

Selenium Web Driver

- Package API Usage
- Web Driver Commands
- Operations
- Web Driver Scripting
- Regression Testing
- Selenium Remote Control
- Selenium Grid
- Javascript Executor
- Implicit & Explicit Waits
- Selenium Exceptions

Scenario Based Automation

- Validating Forms

- Validating Application Flow
- Logging Defects

Test-NG Scripting

- Introduction
- Data Providers
- Setting Priority Level on Methods
- Enable & Disable Methods using Test NG
- POM - Page Object Model

JMeter Performance Testing Tool

- Introduction
- Where it is required?
- Installation
- Building Test Plans
- Creating & Assigning Threads in Thread Group
- Executing Test Plans through HTTP Request
- Assertions
- JDBC Connection Configuration
- JDBC Request
- Generating test report of Database

Cross Browser & Parallel Testing

- Overview
- Using TestNG to Test Multiple Browsers in Same Program e.g.Mozilla Firefox,Chrome etc.

Automation Frameworks

Maven Build

- Introduction
- Download and Install Maven plugins
- Maven Repository
- Add Dependencies in POM file
- Maven Integration with Selenium
- Generate Report

Excel Driven Framework

- Using Apache POI API Libraries in java
- Using Excel files - requires Java File IO
- Project -Get Test Data from MYSQL using Java JDBC ,Test Application using Selenium and Generate Defect Report

Data Driven Framework

- Using MYSQL Server
- JDBC and SQL Crud
- Project -Get Test Data from Excel using Apache POI,Test Application using Selenium and Generate Defect Report

Cucumber Framework

- Introduction
- Overview of BDD Framework
- Downloading and installing cucumber plugins
- Creating Feature file
- Write & Run Gherkin Test in cucumber
- Given-When-Then Structure
- Implementing Scenarios Steps
- Creating Step Definition
- Integrating Selenium and Step Definition
- Integrating JUnit with Cucumber
 - Overview of JUnit
 - Using JUnit Test Runner
 - JUnit Test Suite
- Generate Test Reports
 - Default Cucumber Report
 - Extent Report

Best Practice

Project

Jenkins

- Introduction to Jenkins
- CI/CD (Continuous Integration / Continuous Deployment)
- Installation
- Maven and Jenkin integration
- Create Users and Roles
- Manage and assign roles
- Plugins
- Slack Notifications
- Browser Stack
- Green Balls
- Pipeline Job
- Introduction
- Manage Jobs
- Slack integration
- View Selenium Reports on Jenkins
- Clean up

Duration

- Weekdays (MTTF, Wed is off/practice break)
 - Option 1 – 2.5 months - 1.5 to 2 hrs/day
 - Option 2 – 1.5 to 2 months – 2 to 2.5 hrs/day
- Weekends (S S)
 - Option 1 – 3 months - 2 to 2.5 hrs/day
 - Option 2 – 2 to 2.5 months - 2.5 to 3 hrs/day

more info - <https://quickxpertinfotech.com/automation-testing-course>

Our Recruiters (1000+ Companies)



Our 5 Steps Process for Success



Contact Us

Call us - +91-7276681665, 7506252588

Address - Office 101 & 102, Pahlaj Kunj, Lohar Ali road, besides Karnavat Classes, near Jagdish Book Depot, 3 mins walk from Thane west rly stn.

Website - <https://quickxpertinfotech.com>



Join us today !!