



**Software Project Automation Testing
(SELENIUM-JAVA) Online Training
with Banking/Insurance/e-Commerce
Projects as
Selenium Certification Standards..!!**





MEET OUR CERTIFIED MENTOR

Mr. SUBBA RAJU KORASEEKA



Mr. Subba Raju Koraseeka has more than 21+ years of experience in the Software Industry as real time employee, trainer and mentor in various reputed organizations worked in various domains and projects. He is a certified professional in Testing, Python and Data Science and leading online trainer in HYDERABAD. He is giving real time

scenarios and live hands on projects development and testing.

Mr. Subba Raju and his team have started Hyderabad's first and dedicated QA Training Hub, which offers end-to-end Testing Training. Aspirants seeking a career in Testing can register for QA Training Hub's Software Testing courses: Manual Testing, Test Automation, Selenium, Database Testing, Protocol Testing, Cloud Testing, Pega Testing.

Mr. Subba Raju and his team of trainers offer world-class, high quality and affordable software testing training courses to aspirants seeking a career in software testing. Together, the team has trained more than 210 batches of trainees on 14 plus technologies. The testing training programs are classroom based, eLearning based and corporate training based on Selenium, Python, Full-stack-Python, Core-Java, Full-stack-Data-Science QA, and Web Technologies.



Mission

To provide flexibility, convenience and competency by offering testing training through, online & corporate training method.

Vision

To offer the best, accessible and affordable testing training programs to IT aspirants and professionals in India, US, Canada, UK, Australia and Arabic countries.



WE AIM TO ACHIEVE?

- ✓ To make testing training and testing education accessible, and affordable to all.
- ✓ To bridge the gap between demand and supply of software testing professionals in the IT industry, India and abroad.
- ✓ To offer the best-in-the-class and affordable software testing training programs.
- ✓ To relay and share the testing knowledge gained by the trainers during their work on testing projects across platforms and software.
- ✓ To create, nurture and strengthen software testing training in India and abroad.
- ✓ To promote discussion and debate on all issues relating to testing, theory and practice.
- ✓ To foster a community of testers, local, national and international for mutual benefit and progress.
- ✓ To seek and publish jobs and opportunities in the domain of software testing and testing training.
- ✓ To establish a benchmark for quality testing training



Software Project Automation Testing (SELENIUM-JAVA) Online Training with Banking/Insurance/e-Commerce Projects as Selenium Certification Standards..!!

Module 1: Introduction to Test automation & Selenium

- ✓ What is Manual Testing? Pros and Cons
- ✓ How Automation Testing challenges Manual Testing?
- ✓ Automation tool work process?
- ✓ Role of programming in test automation
- ✓ What is Selenium? Pros and Cons
- ✓ What are the components of Selenium?
- ✓ Architecture of SELENIUM



Module 2: Essentials components of JAVA for Selenium

- ✓ Eclipse or IntelliJ IDEs Environment setup
- ✓ Working on Java Basic Logical programs?
- ✓ Java Variables, Data Types and Java Operators
- ✓ Conditional Controls Statements - if, if else, switch case
- ✓ Looping Control Statements – for, while, do while
- ✓ Jumping statement – break and continue
- ✓ JAVA Arrays
- ✓ JAVA String Class

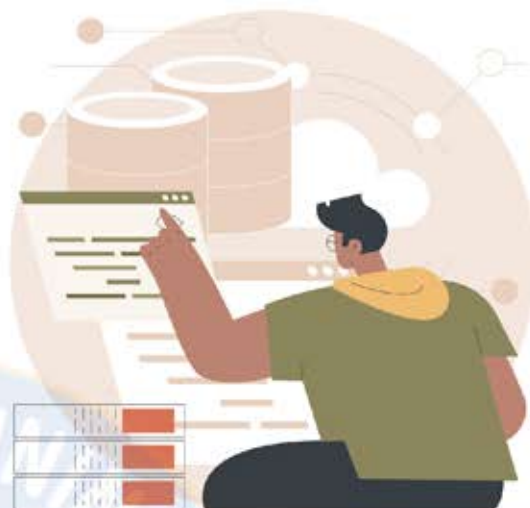


Module 3: JAVA Programming OOPs

- ✓ What is OOPs?
- ✓ Class & Object
- ✓ Methods in JAVA
- ✓ Ways to initialize object
- ✓ Constructors in Java
- ✓ This keyword
- ✓ Static keyword



- ✓ Inheritance
 - ▶ Single Level Inheritance
 - ▶ Multi-Level Inheritance
 - ▶ Multiple Inheritance
 - ▶ Hierarchical Inheritance
 - ▶ Hybrid Inheritance
- ✓ Polymorphism
 - ▶ Dynamic Polymorphism
 - ▶ Static Polymorphism
- ✓ Encapsulation
- ✓ Abstraction
- ✓ What is an interface?
- ✓ Super keyword
- ✓ Final keyword
- ✓ Packages
- ✓ Access Modifiers
- ✓ Exceptions in Java
- ✓ Java Collections Framework
- ✓ Super keyword
- ✓ Interview Questions



Module 4: Selenium WebDriver

- ✓ Introduction to WebDriver and Architecture
- ✓ Environment Setup & WebDriver Configuration
- ✓ How to Create Automated test case in WebDriver?
- ✓ Execute test case on multiple browsers
- ✓ Basic Locators – Name, ID, LinkText, PartialLinkText
- ✓ Customized Locators – CSS, XPath
- ✓ Working with SelectorsHub
- ✓ WebDriver Commands
- ✓ Get Commands
- ✓ Conditional Commands



- ✓ Navigation Commands
- ✓ Waits – Implicit, Explicit and Fluent Waits
- ✓ Browser Commands – close() and quit()
- ✓ Working with Web Elements
- ✓ Input box, Checkbox & Radio buttons
- ✓ Dropdowns – Select Class, JQuery & Bootstrap Drop Downs
- ✓ Links & Broken Links
- ✓ Alerts/Popups
- ✓ iframes
- ✓ Working with Browser Windows
- ✓ getWindowHandle()
- ✓ getWindowHandles()
- ✓ How to Handle Date Picker?
- ✓ How to Handle Web Tables?
- ✓ How to Handle Mouse Actions – Actions class?
- ✓ How to Handle Keyboard Actions?
- ✓ How to Scroll Web page?
- ✓ How to Capture Screenshots?



Module 5: TestNG Framework

- ✓ What is TestNg?
- ✓ What is Difference between TestNg and Junit?
- ✓ Installing TestNg in Eclipse
- ✓ TestNg annotations
- ✓ Understanding usage of annotations
- ✓ Running a Test in TestNg
- ✓ Batch Running of tests in TestNg
- ✓ Priority setting in TestNg
- ✓ Skipping Tests
- ✓ Parameterizing Tests – Data Provider
- ✓ Assertions
- ✓ TestNg Reports
- ✓ Grouping test

TestNG

Module 6: Maven integrating with Selenium

- ✓ Define Maven repository
- ✓ Installing and Configuring Maven
- ✓ Creating Maven Project
- ✓ Maven Eclipse Plug-in
- ✓ Maven command line plug-in
- ✓ Maven Selenium dependency
- ✓ Execute Selenium code through Maven and TestNG



Module 7: Implementing Hybrid Framework with Page Object Model

- ✓ Automation Framework & Types of Frameworks
- ✓ Designing Framework
- ✓ Selecting test cases for automation
- ✓ Implementation of Hybrid Driven Framework
- ✓ Creating Maven Project
- ✓ Update pom.xml with dependencies
- ✓ Creating page objects and Object repository
- ✓ Creating utilities
- ✓ Setting up configuration files



Module 8: Continuous Integration (GitHub & Jenkins)

- ✓ What is Continuous Integration?
- ✓ Git & GitHub
- ✓ Jenkins Overview
- ✓ Maven integration with Jenkins
- ✓ Running Selenium test scripts through Jenkins



Jenkins



Selenium



Module 9: More about Placements***

- ✓ Resume preparation
- ✓ Mock Interviews
- ✓ Interview Tips & Tricks
- ✓ How to fill academic and professional gap
- ✓ Placement Assistance **
- ✓ Cracking Interview

Our Trainees are successfully placed in



What people say



"He understood my testing training needs, and suggested a custom online training program. The fee was very nominal, when compared to other testing training institutions. I am half way on my completion of the SAP Testing program, and hope to complete the program this Summer end. I sincerely acknowledge the ready-to-help nature of the knowledgeable staff there. I wish the best to Dinesh sir and the staff of QA Training Hub."

Sheetal - Mumbai West, Maharashtra - ★★★★★



"I started Googling for testing trainers in different metros of India. I found QA Training Hub, which is based in Hyderabad. Wonderfully, they were offering online programs in testing tools. I suggested to my daughter to give a try, she did promptly. It was really unexpected for her and me. In the first session itself, which was more in the nature of a demo, her doubts and questions were answered by Dineshji. He and his trainers are the best lot, my daughter says. It is nice that we got a good institution and a knowledgeable teacher to guide my daughter in testing tools. Best wishes to the team at QA Training Hub."

Dr Ravi - New Mogul Apartments, Lucknow (Main) UP - ★★★★★



"We met him at their Hyderabad premises, he noted our testing needs and their critical role in achieving project completion. He made an evaluation of our testing process, and the competencies of our testing staff. He suggested us a custom corporate training program, which was to be held in-house. Dinesh was very kind enough to visit the premises and train our staff in the details of testing tools. Now, our staff is much better than they were before. We wish Dinesh and his team at QA Training Hub the very best in all their testing training endeavours."

Rajesh - Ven Star Solutions Pvt Ltd, Bangalore, Karnataka - ★★★★★



"I am extremely impressed with your training classes. I spent more money on books which just confused me more. Just wanted to tell you how invaluable your training have been to me in conjunction with my other programming courses ... Best money EVER spent. Moving from Silk Test to QTP environment and your training class have been a HUGE help. Thanks so much for being such a big part of my current and future success!!!"

Vikram - CA, USA - ★★★★★



89772 62627