



Software Project Testing Course (QA) Online Training with Banking/Insurance/e-Commerce Projects as ISTQB 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



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Module 1: Software Testing Fundamentals

- ✓ Why did you choose this course?
- ✓ Who can do the course?
- ✓ What is Software? Types of Software's?
- ✓ Introduction to Software Testing
- ✓ What is Software Quality?
- ✓ What is Project?
- ✓ What is Product?
- ✓ Objective and Scope of Testing
- ✓ Why Testing required?
- ✓ Error, Defect, Bug and Failure
- ✓ Why software has Defects?
- ✓ What are quality factors in Software?



Module 2: Software Development Life Cycle-(SDLC)

- ✓ Waterfall model
- ✓ Incremental Model
- ✓ V Model
- ✓ Spiral Model
- ✓ Agile Model SCRUM Framework

Module 3: Software Testing Core Concepts

- ✓ Ways of Testing?
 - ▶ Manual Testing
 - ▶ Test Automation
- ✓ What are the Kinds of Testing?
 - ▶ Un-Conventional Testing
 - ▶ Conventional Testing
- ✓ What are the Methods of System Testing?
 - ▶ White-Box Testing
 - ▶ Black-Box Testing
 - ▶ Gray-Box Testing



✓ What are the Levels of System Testing?

- ▶ Unit Testing
- ▶ Module Testing
- ▶ Integration Testing
- ▶ System Testing
- ▶ User Acceptance Testing

✓ What are the Types of System Testing?

- ▶ User Interface Testing (GUI)
 - Content
 - Look and Feel
 - Navigational elements
 - Progress bars
 - Checkbox, buttons, fonts, colors, icons and images
 - Refer GUI Check List Document
- ▶ Usability Testing
 - Manual Support Test
 - Help Docs
- ▶ Functional or Functionality Testing
 - Smoke Testing
 - Sanity Testing
 - Re-Testing
 - Regression Testing
 - Object Properties Testing
 - DB/Back End Testing
 - Error Handling Testing
 - Calculations/Manipulation Testing
 - Links Existence/Execution
 - Cookies/Sessions
 - Positive Testing
 - Negative testing
 - Buddy Testing
 - Pair Testing
 - Globalization Testing
 - Localization Testing



- ▶ Non-Functional Testing
 - Performance Testing
 - Load Testing
 - Stress Testing
 - Volume Testing
 - Security Testing
 - Authentication
 - Authorization
 - Access Control
 - Recovery Testing
 - Compatibility Testing
 - Forward compatibility
 - Backward compatibility
 - Hardware compatibility
 - Installation Testing
 - Sanitation/Garbage Testing
- ▶ Random Testing
 - Exploratory Testing
 - Adhoc Testing
 - Monkey Testing
 - Test Design Techniques
 - Boundary Value Analysis (BVA)
 - Equivalence Class Partitioning (ECP)
 - Decision Table or Cause Effect Table
 - State Transition Diagram
 - Error Guessing



Module 4: Software Testing Life Cycle

- ✓ Test Initiation
- ✓ Test Planning
- ✓ Test Development/Test Designing
- ✓ Test Execution
- ✓ Result Analysis
- ✓ Defect Tracking
- ✓ Defect Reporting
- ▶ Defect Life Cycle or Bug Life Cycle
- ✓ Test closure & Test Sign Off
- ✓ Test Metrics



Module 5: Live Project Manual Testing Hands-On

- ✓ Project introduction
- ✓ Understanding & Explore the Functionality
- ✓ Test Plan
- ✓ Writing Test Scenarios
- ✓ Writing Test Cases & Review
- ✓ Environment Setup & Build Deployment
- ✓ Test Execution
- ✓ Bug Reporting
- ✓ Sanity Testing, Re-Testing and Regression Testing
- ✓ Test Signoff



Module 6: Agile Model/Agile Process/Agile Methodology

- ✓ Agile Testing + JIRA Tool
- ✓ What is Agile?
- ✓ Pros & Cons
- ✓ What is Scrum and Scrum Team
- ✓ User Story
- ✓ Epic
- ✓ Product Backlog
- ✓ Sprint
- ✓ Sprint Planning
- ✓ Sprint Backlog
- ✓ Scrum Meeting
- ✓ Sprint Retrospective meeting
- ✓ Story-Point
- ✓ Burn down chart



JIRA Tool

- ✓ How to Install and JIRA Tool
- ✓ How to create EPIC/User Stories in JIRA
- ✓ Creating Sprints in JIRA
- ✓ Sprint Life cycle in JIRA
- ✓ Backlogs in JIRA
- ✓ Creating bugs in JIRA
- ✓ How to write test cases in JIRA with Zephyr Plugin
- ✓ Creating Test Cycles and Execute Test Cases in JIRA



Module 7: Software Quality Standards

- ✓ ISO Quality Standards
- ✓ CMM Levels
- ✓ Six Sigma Standards
- ✓ IEEE Testing Document Standards



Module 8: SQL for Testers (Introduction to Database Testing)

- ✓ What is DBMS and RDBMS
- ✓ Database
- ✓ What is SQL
- ✓ Database Components- Client and Server
- ✓ Database vs. Schema
- ✓ Installing MySQL or Oracle or SQL Server
- ✓ SQL Commands
 - ▶ Defect Life Cycle or Bug Life CycleDDL (Data Definition Language)
 - ▶ Defect Life Cycle or Bug Life CycleDML (Data Manipulation Language)
 - ▶ Defect Life Cycle or Bug Life CycleDRL/DQL (Data Retrieval/Data Query Language)
 - ▶ Defect Life Cycle or Bug Life CycleTCL (Transaction Control Language)
 - ▶ Defect Life Cycle or Bug Life CycleDCL (Data Control Language)
- ✓ What is Database Testing?
- ✓ Types of Database Testing?
- ✓ DB Test Scenarios
- ✓ DB Test Cases



Module 9: UNIX for Testers

Introduction to UNIX/LINUX

- ✓ History of UNIX/LINUX
- ✓ Features and Benefits of UNIX/LINUX
- ✓ Different flavors of UNIX/LINUX
- ✓ Difference between UNIX, DOS, Windows and LINUX
- ✓ Architecture of UNIX



File System of UNIX

- ✓ Ordinary Files
- ✓ Directory Files
- ✓ Device Files
- ✓ The Structure of UNIX File system

Basic Unix Commands

- ✓ pwd, who, whoami
- ✓ exit, date, cal, exit, banner
- ✓ Hard Link
- ✓ Soft link or Symbolic Link
- ✓ Unlink
- ✓ cat, touch, rm
- ✓ cp, mv, ln, wc



Working with Directories

- ✓ mkdir, cd, rmdir, rm
- ✓ Displaying Files
- ✓ ls, ls with options
- ✓ Simple Filters
- ✓ pg, more, less, head, tail, paste, cut, sort
- ✓ More Filters
- ✓ grep, grep with options
- ✓ fgrep, egrep



Unix Adv. Commands

- ✓ Uniq, Diff, cmp
- ✓ Piping
- ✓ Usage of piping
- ✓ Piping with filters
- ✓ File Permissions
- ✓ chmod, chown, chgrp, umask
- ✓ ed, ex and vi editors
- ✓ Command mode
- ✓ Insert mode
- ✓ Ex command mode



Shell Scripting

- ✓ What is shell scripting?
- ✓ Importance of shell scripting
- ✓ Different types of shells
- ✓ Creating Shell script
- ✓ Making shell script executable
- ✓ Shell Input and Output
- ✓ echo, print, read



Module 10: 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 at QA Training Hub."

Sheetal Verma - 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 Malhotra - 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 Verma - 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!!!"

Pandu Vikram - CA, USA - ★★★★★



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