

Course Details:

Manual Testing:

SQA Basics

- Basics of Computers
- Defining Software Quality Assurance and Software Quality Control
- Need for SQA
- What is Testing?
- Why is Testing important?

SDLC

- What is SDLC and STLC?
- Difference between SDLC and STLC
- Different SDLC models
- Different Testing techniques
- Different Testing types

Testing Concepts

- Introduction to Test Cases and Use Cases
- Creating/Designing/Executing Test Cases
- Introduction to Test plan
- Introduction to Test Case Management System

Bug Tracking and Reporting

- Fundamentals of Bug Tracking tool [Bugzilla]
- Bug Reporting basics
- Generating report in Bug tracking tool

Advanced Concepts

- Introduction to Agile & SCRUM
- Difference between Desktop and Web based Application Testing
- Introduction to test planning

Mobile Testing

- Introduction to Mobile Testing
- What is mobile application testing?
- Need of mobile application testing
- Mobile Technology
- Different Mobile OS
- Mobile devices
- Android Framework
- Emulator and Simulator
- Mobile Functional Testing with tools
- Mobile Performance testing with tools.

DATA BASE TESTING

Introduction to Data Base Testing

- Why back end testing is so important
- Characteristics of back end testing
- Back end testing phases
- Back end test methods

Structural back end tests

- Database schema tests
- Stored procedure tests
- Trigger tests
- Integration tests of SQL server
- Server setup scripts
- Common bugs

Functional back end tests

- Dividing back end based on functionality
- Checking data integrity and consistency
- Login and user security
- Stress Testing
- Test back end via front end
- Benchmark testing
- Common bugs

Other Database testing Issues

- Test tips
- Test tools
- Useful queries

Automation Testing:

Course Objective: Participants will come away from the course with an understanding of how to plan and approach the automation of testing on a project. They will understand the important factors to be considered in the planning of automation in projects to achieve the delivery of the business goals and on-going use of the toolsets and test ware. Common tools and their uses are also discussed

Target Participants: Test Automation Functional program is specifically designed for the candidate having experience in Manual Testing and want to upgrade their skills in Automation Testing

QTP

- BASIC
- Create the basic test
- Introduction to Quick Test

- Benefits of Quick Test Professional as a Test Automation Tool
- Prepare to Record
- Record and Run a Test
- The Object Repository and Object Identification
- Synchronizing Tests
- Create Tests on a Web Application
- Using Checkpoints (Web and Windows)
- Enhance Tests with Checkpoints
- Enhance Checkpoints with Parameters
- Use Regular Expressions
- Parameters and Data Driven
- Create Data-Driven tests
- Working with Actions
- Introduction to the Expert View
- Object Model in the Expert View
- Interpreting the Expert View script
- Function Libraries
- Descriptive Programming
- Recovery Scenarios
- Object Repository Custom Configuration
- Object Recognition and Smart Identification

Advance

- Object Repository Local and Shared
- Generate Script (Settings, options, Object identification)
- Create Custom Check-Points using VB Scripting
- Linear Scripting and Test Library Architecture Framework
- Data-Driven Framework
- Keyword-Driven Framework
- Load Runner
- Introduction to Load Runner
- Virtual User Generator
- Controller
- Analysis
- Terminology used for Performance testing
- Volume Testing
- Load Testing
- Capacity Testing
- Soak Testing
- Process for Performance Test
- Generating Scripts
- Creation of Scenarios
- Analyzing Results

Selenium

- Automation Introduction
- Selenium Introduction
- Overview of selenium components
- Introduction of Selenium
- Selenium - IDE
- Test Suites
- Selenium and WebDriver
- Selenium (Selenium RC)

- USER-Extensions

Live Project

Software Testing Training Certification, Placement and other Activities

- Free Spoken English, Personality Development & IELTS Classes on Daily basis
- Life-Time Learning and Placement Card
- 6 Months/6 Weeks Training+ Project Certificate By ThinkNEXT
- Software Quality Testing Experience Certificate by ThinkNEXT
- Job Interview Preparation
- Multiple Job Interviews + 100% Job Assistance
- Part Time / Full Time Job Offer for each student during training (Earn while you learn)