

TESTING TOOLS

with Real Time Project

Module 1 : Software Engineer Foundation Program

Module 2 : Test Engineer Responsibilities

Module 3 : Job Placements Program

Module 1 : Software Engineer Foundation Program

- Introduction to Software Testing
- SDLC phases and Deliverables
- SDLC Models
 - Waterfall model
 - Spiral model
 - Prototype model
 - Rapid application development model
 - Iterative and Incremental development model
 - Agile model
- Software Engineering
- Software Process and benefits
- SEI CMMI Levels
 - Level 1 - Performed
 - Level 2 - Managed
 - Level 3 - Defined
 - Level 4 - Quantitatively Managed
 - Level 5 - Optimizing
- Software Configuration Management (VSS/TFS)
 - Purpose of SCM
 - Version Control
 - Directory Structure
 - Check-Out files
 - Check-In files
- SQA and SQC
- Verification and Validation
- Testing Roles and Responsibilities
 - Software Test Engineer
 - Senior Software Test Engineer
 - Test Lead
 - Test Manager
- Project Management plan
- Requirements Specification
 - Business requirement specification
 - Software requirement specification
 - Functional requirement specification
- Requirement Change Management
- Testing Life Cycle
- Test Plan Preparation

Module 2 : Test Engineer Responsibilities

- Test Scenarios
 - Test Scenario Template
 - Test Scenarios Identification
- LAB Checklist
- Working Folder Structure
- Test Cases
 - Good Test Case design
 - Test Case Design Techniques
 - Equivalence Class Partitioning
 - Boundary Value Analysis
 - Whitebox Testing Techniques
- Guidelines for web testing
 - Functionality, Usability, User Interface
 - Compatibility, Security, Performance
 - Server Log Files
- Project / Product and Types
- MVC Architectures
- Java / .Net Environment for Web Applications
- Architecture of Project
- Builds from Development Testing
- Test Cases Execution
- Defect Management - Bugzilla / Track+
 - Creating user roles and Users
 - Defects Reporting
 - Defects Tracking and Retesting
 - Defects Closing
- Severity and Priority
- Status Reports
 - Daily Status Report
 - Daily Defect Report
 - Weekly Status Report
 - Retesting Report
- Defects in Real Time Applications
- Defect Life Cycle
- Retesting and Regression Testing
- Project Builds Workflow
- Testing Strategy
- Testing Process
- Database Testing using TOAD



LiveTech

Testing Tools Training & Placements
Java Training & Placements
Overseas Education Consultants

Selenium

Concept 1: Selenium Components & Object Identification

Concept 2 : Core Java

Concept 3 : WebDriver with Project

Concept 4 : Framework Design and Implementation

Concept 5 : Integration of Framework

Concept 6 : Mobile Automation with APPIUM

Concept 1 :Selenium Components/Objects

- Automation Testing Process
- Automation fundamentals
 - Automated Testing
 - Benefits of Automation
 - Open Source/Commercial Tools
 - Automation Tool Evaluation
 - Diff. b/w Selenium & QTP
- Selenium Components
 - Selenium IDE
 - Selenium RC
 - WebDriver
 - Selenium GRID
- Object Identification
 - Firebug / Firepath
 - Locators for all browsers

Concept 2 : Core Java

- Language Fundamentals
 - Class, Method & Object
 - DataTypes and variables
 - Loops & Conditions
 - Arrays & Keywords
 - Wrapper Classes
 - Strings and Exception Handling
 - Keyboard Actions
 - Collections & Hash Map
 - Array List, List
- OOps concepts
 - Inheritance, Polymorphism
 - Abstraction, Encapsulation
 - Interface
- About Eclipse
 - Creating Projects
 - Eclipse with Selenium

Concept 3 : WebDriver with Project

- Introduction to RC & WebDriver
- Creating generic scripts
- Mouseover actions
- Frames & Scroll bar
- Pop-up's / alert
- Keyboard & Ajax Events
- Dropdown & page back

- Implicit and Explicit Wait
- File Upload & Download
- Web Tables & Excel
- Working with DB
- Auto Complete feature
- Screenshot
- Windows Handeler

Concept 4 : Framework Implementation

- TestNG, Hydrd & POM
- TestNG/Junit
 - Writing TestNG scripts
 - Wroking with Test suites
- Selenium Grid
 - Grid Overview
 - Hub & Nodes
 - Desired Capabilities
 - Remote WebDriver

Concept 5 : Integration of Framework

- Sikuli, Robot class
- Log4j, JavaScript Executer
- Cucumber, Maven

Concept 6 : Mobile Automation with APPIUM

- What is Appium & Why Appium?
- Appium with WebDriver
- Programs on Devices/Simulator

Module 3 : Job Placements Program

Topic 1: Real Time Project Testing - Workshop

- Outlook Configuration
- Email Writing
- Real Time Test Scenarios
- Real Time Test Cases
- Real Time Defects
- Real Time Build/Application Workflow
- Do's and Don'ts in I.T. Industry

Topic 2: Mobile APP Testing

- Mobile Apps Testing (Andriod & IOS)
- Mobile Web Apps Testing (Responsive)
- Mobile Testing Strategy
- Mobile Testing using Emulators

Topic 3: Written Exams

Topic 4: Presentations

Topic 5: Fresher Resume Preparation

Topic 6: Experience Resume Preparation

Topic 7: Mock Interviews

Topic 8: Fresher Placements

Topic 9: Experience Placements



LiveTech

Testing Tools Training & Placements

Java Training & Placements

Overseas Education Consultants

Hyderabad Office

#302, 3rd Floor, Imperial Towers
Above South India Shopping Mall
Ameerpet, Hyderabad - 500016.
Mobile: +91-9000008814



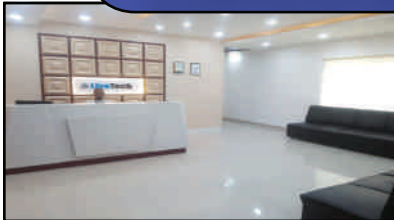
Bangalore Office

#90/2, 3rd Floor, Kishan Icon
Near Innovative Multiplex
Marathahalli, Bangalore-560037.
Mobile: +91-9071200008

LiveTech Hyderabad Office Infrastructure



LiveTech Bangalore Office Infrastructure



1000+ Recruitment Partners



LiveTech

Testing Tools Training & Placements
Java Training & Placements
Overseas Education Consultants

Hyderabad Office

#302, 3rd Floor, Imperial Towers
Above South India Shopping Mall
Ameerpet, Hyderabad - 500016.
Mobile: +91-9000008814



Bangalore Office

#90/2, 3rd Floor, Kishan Icon
Near Innovative Multiplex
Marathahalli, Bangalore-560037.
Mobile: +91-9071200008