

Since 2004, Leading Software Testing Tools Training Institute



# TESTING TOOLS

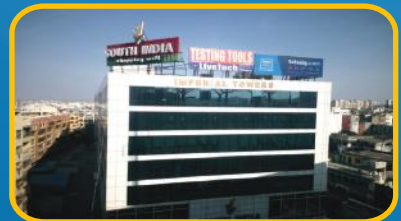
## (Functional Test Engineer Program)

- ➔ Manual Testing with Project
- ➔ Automation Testing with Project
- ➔ Fresher/ Exp. Resume Preparation
- ➔ Job Placements



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# TESTING TOOLS with REAL TIME PROJECT

## Manual Testing with Project

**Module 1: I.T Industry and Services**

**Module 2: Test Design**

**Module 3: Test Environment**

**Module 4: Test Execution**

**Module 5: Mobile APP Testing**

## Automation Testing (Selenium)

**Module 6: Selenium**

- Selenium Components

- Core Java

- WebDriver with Project

- Framework Design & Implementation

## Manual Testing with Real Time Project

### Module 1: I.T Industry and Services

- Introduction to Software Testing
- SDLC phases and Deliverables
- SDLC Models
- Software Engineering
- Software Process and benefits
- Software Configuration Management (VSS/TFS)
- SQA and SQC
- Verification and Validation
- Testing Roles and Responsibilities
- Testing Terminology

### Module 2: Test Design

- Project Management plan
- Requirements Specification
- Requirement Change Management
- Testing Life Cycle
- Test Plan Preparation
- Test Scenarios
- LAB Checklist
- Working Folder Structure
- Test Cases
- Guidelines for web testing

### Module 3: Test Environment

- Project / Product and Types
- MVC Architectures
- Java / .Net Environment for Web Applications
- Servers
- Architecture of Current Project

### Module 4: Test Execution

- 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
- Test Metrics
- Test Closure

### Module 5 : Mobile APP Testing

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

# Automation Testing (Selenium)

## Module 6: Selenium

### 1. Selenium Components/ Objects

- Automation Testing Process
- Automation fundamentals
  - Automated Testing & Benefits
  - Open Source / Commercial Tools
  - Introduction to Selenium
- Selenium Components
  - Selenium IDE and Selenium RC
  - WebDriver
  - Selenium GRID
- Object Identification
  - Firebug / Firepath
  - Locators for all browsers

### 2. Core Java

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

- About Eclipse
  - Creating Projects
  - Eclipse with Selenium

### 3. WebDriver with Project

- Introduction 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 Handelters

### 4. Framework Implementation

- TestNG, Hydrid & POM
- TestNG/Junit
  - Writing TestNG scripts
  - Wroking with Test suites
- Selenium Grid
  - Hub & Nodes
  - Desired Capabilities
  - Remote WebDriver
  - Sikuli, Robot class
  - Log4j, JavaScript Executer
  - Cucumber, Maven



**1000+ Recruitment Partners**



## Courses Offered

- Testing Tools
- Manual Testing
- Selenium
- API Testing

## Types Of Trainings

- Regular Training
- Weekend Training
- Online Training
- Corporate Training

## LiveTech Software QA Services Pvt. Ltd.

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