



LiveTech

Since 2004



Full Stack

TESTING TOOLS



Best Training and Placements Institute



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About LiveTech

LiveTech was founded in 2004 by IT industry professionals to impart quality training and carve a niche in the IT training industry. LiveTech has successfully skilled 100000+ professionals in Software Testing and Development Domain. LiveTech is involved in training on Software Courses for over 21+ years. LiveTech is a leader in creating not only skilled professionals but also enhance their Employability through real time project implementation Training in Software Testing and Development. The programs are designed by Industry experts and backed by certifications recognized globally in I.T Solutions.

Full Stack Testing Tools Content

Module 1 : Manual Testing

Module 2 : SQL for Database Testing

Module 3 : Core Java

Module 4 : Selenium (Test Automation)

Module 5 : API Testing

Manual Testing with Real Time Project

Module 1: Manual Testing

I.T Industry and Services

- Introduction to Software Testing
- SDLC phases and Deliverables
- SDLC Models (Agile)
- Software Configuration Management
- Verification and Validation
- Testing Roles and Responsibilities
- Testing Terminology

- Test Plan Preparation
- Test Scenarios
- LAB Checklist
- Working Folder Structure
- Test Cases
- Guidelines for web testing

Test Environment

- Project / Product and Types
- MVC Architectures
- Environment for Application
- Architecture of Project

Test Design

- Project Management plan
- Requirements Specification
- Testing Life Cycle

Test Execution

- Builds from Development Testing
- Test Cases Execution
- Defect Management
- Bugzilla / Track+ / JIRA
 - Creating user roles and Users
 - Defects Reporting
 - Defects Tracking & Retesting
 - Defects Closing
 - Reports Generation
- Severity and Priority
- Status Reports
 - Daily Status Report
 - Daily Defect Report
 - Weekly Status Report

Module Outcome

- After Completion of Module 1, Candidates will have had a exposure to all activities involved in Testing Life Cycle

- Retesting Report
- Defects in Real Time Applications
- Defect Life Cycle
- Retesting and Regression Testing
- Project Builds Workflow
- Testing Strategy
- Test Closure
- Test Metrics
- Types of Testing

Mobile APP Testing

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

Module 2 : SQL for Database Testing

- SQL introduction
- SQL Datatypes
- DDL SQL statements
- Create, Drop, Rename tables
- DML SQL statements
- Insert, update, delete data
- DQL SQL statements
- Select data
- Constraints
 - Primary key
 - Foreign key
 - Unique Key
- Arithmetic Operators
- Comparison operators
- Logical operators
- Order by clause
- Limit clause
- Functions
- Max function
- Min function
- Average function
- Group by clause
- Having clause
- SQL Joins
 - Left Join
 - Right Join
 - Inner Join
 - Outer Join
- Like
- Index
- Views
- Transaction control statements
- Commit
- Rollback

Module 3: Core Java

- **Language Fundamentals:**
 - History and Features of Java
 - Class, Method, and Object
 - Variables and Data Types
- **Strings:**
- **Operators:**
 - Arithmetic Operator
 - Unary Operator
 - Relational Operator
 - Conditional Operator
 - Assignment Operator
- **Conditional Statements:**
 - Decision Making Statement
 - Loops Statements
 - Jump Statements
- **Decision Making Statement:**
 - If, If-else, if else If, nested If
 - Switch Statement
- **Loop Statements:**
 - While, Do-While, for and for each
- **jump Statements:**
 - Break, Continue and Return Keyword
- **Arrays:**
 - Single Dimensional Array
 - Multidimensional Array
 - Object Array
 - Array List
- **User Defined Methods:**
- **Java Access Modifiers:**
 - Public, Private & Protected
 - Default
- **Oops Concepts:**
 - Class & Object
 - Inheritance & Polymorphism
 - Abstraction & Encapsulation
- **Constructors:**
 - Implicit Constructor
 - Explicit Constructor
 - Default Constructor
- **Collection Framework:**
 - Collection<interface>
 - Map<interface>
- **Exception Handling:**
 - Introduction to Exception Handling.
 - Usage of Try, Catch & Finally

Module 4: Selenium:

- **Introduction to Automation Testing:**
 - Introduction to Selenium
 - Components of Selenium
 - Downloading Selenium Server
 - Configuring Selenium to Project
- **Automating Browsers**
 - Chrome- & Firefox
 - Edge &- I.E and Safari . . . etc
- **Working with Browsers**
- **Browser Interaction Commands**
- **Locators**
 - Locators in WebDriver
 - Methods in WebDriver
 - Common Operations in WebDriver
 - Examples to Work with Locators
- **Validating an application**
 - Equals & Equal Ignore Case
 - Contains

- **Working on Edit Box/Text Box**
 - To enter text in Text Box
 - Edit the text in Text Box
- **Visibility of WebElement**
 - Is Enabled & Is Displayed, Is Selected
- **Working with Mouse Hover Actions**
 - Mouse Over Operations
 - Drag and Drop Operations
- **Working with Radio Buttons**
- **Working with Drop Down Buttons**
 - Single Selection Dropdown
 - Multi Selection Dropdown
- **Working with Frames**
 - To Enter the Frame & To Exit the Frame
- **Working with Alerts**
 - Simple, Conformation & Prompt Alert
- **Working with Keyboard Handling**
 - Keyboard Key Presses
 - Select, Copy & Paste the Text
- **Working with Tab Handling**
 - Using get Window Handle & get Window Handles methods
- **Working with Scroll Operations**
 - JavaScript Executor
 - Vertical Scroll Operations
 - Horizontal Scroll Operations
- **Working with Properties File**
- **Capturing Screenshots in WebDriver**
 - Capture Screenshot as Full Page
 - Capture Screenshot of Section of Page
 - Capture Screenshot of Element on a page
- **Working with Excel Operations**
 - Apache POI
 - Configuring Apache POI to the Project
 - Excel Read Operations (Reading Data from Excel Sheet)
 - Excel Write Operations (Writing Data from Excel Sheet)
- **Log4j**
 - Introduction to Log4j
 - Configuring Log4j to the Project
 - Maintaining TestResult Logs with TimeStamps
- **Wait Methods/Synchronization**
 - Java Wait & Fluent Wait
 - Implicit Wait & Explicit Wait
- **Handling Cookies in WebDriver**
 - Capture all the cookies
 - Get the size of the Cookies
 - Printed Cookies names and their Values
 - Printed Cookies based on name
 - Add Cookies to the Browser
 - Delete Specific / all the Cookies
- **TestNG Framework**
 - Configuring TestNG to Eclipse
 - Advantages of TestNG
 - Annotations in TestNG
 - Prioritizing Test Cases
 - Ignoring Test Cases
 - Serial Execution using TestNG
 - Parallel Execution using TestNG
- **Maven Project Creation**
- **Frameworks**
 - Modular Framework
 - POM Framework
 - Data Driven Framework
 - Cucumber Framework
 - Hybrid Framework
- **Selenium Grid**

- **Auto IT (Handling Window Components)**
 - Installing Auto IT & Integrating Auto IT
 - File Upload & File Download Using Auto IT
- **Manual Testing Exam**
- **Automation Testing Exam**
- **Mock Interview**

Module 5: API Testing

- **Introduction to API Testing & Postman**
 - Introduction to API testing and its significance
 - Overview of Postman and its features
 - Installation and setup of Postman
- **Building API Test Suites with Postman**
- **Introduction to API Automation Testing**
- **Building API Test Framework**
- **Request Specification and Response Validation**
- **Test Execution and Reporting**

Faculty :

Date :

Time :

Duration :

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 D.Vishnu Sagar Delta Technology CTC: 4.0 LPA	 MD. Rashid Jawaid Delta Technology CTC: 4.0 LPA	 N.Spandana Delta Technology CTC: 4.0 LPA	 A. Jaya Krishna Delta Technology CTC: 4.0 LPA	 K. Alekhya Delta Technology CTC: 4.0 LPA	 N.Kavya Delta Technology CTC: 4.0 LPA	 G. Rambabu JD Sports Fashion CTC: 4.0 LPA	 D. Srividya Darwinbox CTC: 4.0 LPA	 A. Satya Prakash Corpus CTC: 3.6 LPA	 N.Suresh Corpus CTC: 3.6 LPA	 S. Divya Infosys CTC: 3.6 LPA
 M. Lokesh Reddy Infosys CTC: 3.6 LPA	 KLV. ShivaSai Darwinbox CTC: 3.6 LPA	 T. Vineetha Darwinbox CTC: 3.6 LPA	 Sushmitha TCS CTC: 3.53 LPA	 C. Hasini Gaian Solutions CTC: 3.5 LPA	 M.Ramya Gaian Solutions CTC: 3.5 LPA	 M. Shivakumar Gaian Solutions CTC: 3.5 LPA	 B. Sandhya Rani Gaian Solutions CTC: 3.5 LPA	 E. Bharathi Gaian Solutions CTC: 3.5 LPA	 D. Sowmya Gaian Solutions CTC: 3.5 LPA	 B. Sravani TCS CTC: 3.5 LPA
 V. Rakesh Defteam CTC: 3.5 LPA	 Ajay Jikare TCS CTC: 3.36 LPA	 Govind Dasharath TCS CTC: 3.36 LPA	 K.Tharun Piersoft CTC: 3.0 LPA	 B. Ananya Pronix CTC: 3.0 LPA	 Poorna Capgemini CTC: 3.0 LPA	 T. Kalyankar Infosys CTC: 3.0 LPA	 Vijay Reddy NCR CTC: 3.0 LPA	 M. Vandana Smart Data CTC: 3.0 LPA	 M. Gopi Smart Data CTC: 3.0 LPA	 S.Venkat Reddy Aryagami Cloud CTC: 2.76 LPA

Courses We Offer



Full Stack **TESTING**

Test Engineer

3-Months



Full Stack **JAVA**

Java Developer

4-Months



Full Stack **PYTHON**

Python Developer

3-Months

Training Methodology

Class room Training



Project Training



Resume Preparation



Certification



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Placement Assistance



Our Infrastructure

