

ALPHA

TESTING

BETA

TESTING

RELEASE

SOFTWARE TESTING

WHY TOPS

TOPS is the only IT finishing Training Institute which creates a Job Oriented Task Force that can immediately get deployed on any projects. TOPS offers both online and classroom Training for candidates aspiring to create their careers in IT. Our curriculum is designed by Industry experts who have more than 10- 15 years working in different roles and segments of IT.

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Software Testing is a method to check whether the actual software product matches expected requirements and to ensure that software product is Defect free. It involves execution of software/system components using manual or automated tools to evaluate one or more properties of interest.

The purpose of software testing is to identify errors, gaps or missing requirements in contrast to actual requirements.

Some prefer saying Software testing definition as a White Box and Black Box Testing. In simple terms, Software Testing means the Verification of Application Under Test (AUT). This Software Testing course introduces testing software to the audience and justifies the importance of software testing.

INDUSTRIES WHERE SOFTWARE TESTING IS USED

- Field Devices like Sensors
- Desktop Applications
- Embedded Devices
- Cloud Applications
- Enterprise Applications

GET TRAINED HERE & BE YOUnique



TOPS TECHNOLOGIES

FUTURE OF SOFTWARE TESTING

Top organizations are Focusing on You!!



Software
Testing
Company



TestingXperts

Passion For Perfection

The future of software testing is faster tests, faster results, and most importantly, tests that learn what really matters to users.

Ultimately, all testing is designed to make sure the user experience is wonderful. If we can teach a machine what users care about, we can test better than ever before.

Conventionally, testing lags development, both in speed and utility. Test automation is often a weak spot for engineering teams. ML can help to make it a strength.

Smart machines will be able to, using data from current application usage and past testing experience, build, maintain, execute, and interpret tests without human input.

THE MAIN CONCERN SALARIES !

₹328,309 / year ▾

Avg. Base Salary (INR)



The average salary for a Software Tester is ₹328,309

Base Salary ⓘ	₹176k - ₹691k	
Bonus	₹3k - ₹91k	
Profit Sharing	₹0 - ₹15k	
Total Pay ⓘ	₹181k - ₹702k	

● Salaries may depends on the city, experience, and skill



 **PayScale**
HUMAN CAPITAL.

TOPS TECHNOLOGIES

WHAT YOU WILL LEARN IN THIS SOFTWARE TESTING COURSE?

PRE-REQUISITE

- Good Communication skills

MODULE 1 [FUNDAMENTALS]

- Introduction of Software Engineering
- Software Development Life Cycle
- Software Testing Methodologies
- Software Requirement Specifications (SRS)
- Structure Query Language (SQL)
- Object Oriented Programming (OOPS)

MODULE 2 [MANUAL TESTING]

- a) Desktop and Web Application Testing
 - What is Testing?
 - Objectives and purpose
 - When and Why Testing?
 - Error, Bug, Defects and Causes of Defects
 - Quality
 - Test Organization
 - Test Development Process
 - Test Analysis
 - Plan-Strategy
 - Script-Scenario-Cases
 - Traceability
 - Fundamental Test Process -STLC

EXPERTISE LEVEL

Beginner Level ★★

- Psychology of Testing
 - Software Development Model (V & RAD Model)
 - Software Testing Levels
 - Unit-Integration Testing
 - System-Acceptance Testing
 - Test Design Techniques
 - Dynamic Testing
 - Black Box Testing Techniques
 - White Box Testing Techniques
 - Experience Based Testing Techniques
 - Static Testing
 - Formal-Informal
 - Types of Review
 - Estimation Techniques
 - Agile Testing
 - Scrum , XP testing
 - Sprint in Agile
 - JIRA Tools
 - Defect Tracking
 - Bug Life Cycle
 - Defect Management
 - Techniques of Desktop Testing
 - User Interface-Manual support testing
 - Functionality testing-Compatibility testing
 - Configuration testing-Intersystem testing
 - Techniques of Web application Testing
 - Usability testing-Compatibility testing
 - GUI testing-Security Testing
 - Performance testing-Stress testing
 - Load Testing
- b) Mobile Application Testing
- Mobile Application Testing
 - Challenges
 - Guide Lines for Mobile Testing

Intermediate Level ★★★

- Mobile Applications Platform Landscape
- Android iOS Usage Share By Version
- Apple iOS Usage Share By Version
- Mobile Testing Process
- Mobile Testing Techniques
- Bugzilla

MODULE 3 [AUTOMATION TESTING]

a) Functional Testing Tool

- Selenium IDE
- Introduction of selenium
- Selenium components
- Selenium Features
- QTP vs Selenium
- Scope of Selenium
- How differs from other automation tools
- Advantages of selenium
- Download and Installation
- Record and playback techniques
- Modifying the script using IDE
- Object, CSS, XPath, Elements Identify Process
- Validate the locator value using IDE
- Introduction of Selenium WebDriver, Remote control and Grid

b) Load Runner-up IDE

Introduction about Load Runner-up

- Load Runner-up procedure
- How to use Load Runner-up
- Load Runner-up IDE
- Generate Single Scripting and Assign V-Users
- Multi Scripting with Groping
- Parameterization in Load Runner-up

Intermediate Level

MODULE 4 [APPLICABILITY TO INDUSTRY]

- Project scope
- High Level Requirement
- Non-Functional Requirements
- Use cases
- Test Strategy/Plan
- Test cases
- Test Scenario
- Test Execution
- Defects
- Re-testing
- Script writing
- Non functional testing tool



Expert Level

WHO SHOULD TAKE THIS SOFTWARE TESTING COURSE?



Computer
Engineers



Under Graduate
& Graduate



Coding
Skills



WHY YOU SHOULD TAKE THIS SOFTWARE TESTING COURSE?

With the requirement of wide variety of softwares in different sectors, many tools, techniques, types of software testing have evolved. Software testing course will really help you get the high IT salaried job. There are lot of opportunities in this field.

The software testing is like looking a product with different perspectives, with testing the software to meet the expectations of the end users.

Software testing and quality control are the processes by which the application quality is improved. Many software structure require in-depth analytical and technical skill to test the applications.



SOFTWARE TESTING CERTIFICATION



This course covers certification from TOPS Technologies, NSDC as well as different product vendors. The candidates undergoing this training will get certificate which is recognized at National and International level.

CERTIFICATION:



PROJECT DEVELOPMENT



Hands on Experience of
Project Development

Session wise Assignment



Hands on Experience of
Each Topic with Practical
Implementation.

SO WHAT ARE YOU WAITING FOR ?

Don't hesitate to contact us for any further guidance for your sucessfull career ahead.

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