

Software Testing Training

Industry-Ready IT Skills | Live Projects | Placement Support



NexGenITLabs

We are committed to transforming learners into confident, industry-ready professionals. This program is structured to bridge the gap between academic learning and the real expectations of the corporate world. Whether you're a fresher or looking to transition into IT, this is your opportunity to gain practical skills, confidence, and professional competency.



Expert Solution Architect & Corporate Trainer

With over 15 years of IT experience, our instructor has served as a Solution Architect across leading global organizations, delivering enterprise-scale solutions. His expertise includes application development, cloud engineering, DevOps, microservices, and AI-driven systems.

For Registration and Demo

Contact: +91-8431893406, 9844551434

Email: support@nexgenitlabs.com

Seats are limited - enroll now to secure your spot and begin your journey toward a successful career in IT.



Training Mode & Duration

Mode: Offline & Online (Flexible Learning Options)

Duration: 8-12 Weeks

Batch Schedule: Multiple batches available to suit your timing

Training Modules

1. Software Testing Fundamentals

- What is Software Testing?
- SDLC vs STLC
- Types & Levels of Testing
- Verification vs Validation
- Bug Life Cycle
- Defect Reporting Tools
- Test Strategy & Test Plan

2. Manual Testing

- Black Box Testing Techniques
- White Box Testing Basics
- Test Case Writing
- Test Scenario Design
- Test Data Preparation
- Functional Testing
- Regression Testing
- Smoke, Sanity & Re-Testing
- Exploratory Testing

4. Test Management Tools

- JIRA
- TestRail
- Bugzilla
- ALM (HP QC)
- Zephyr

5. Automation Testing – Core

- Automation Testing Overview
- Selenium WebDriver
- TestNG Framework
- Maven & Project Setup
- Data-Driven & Keyword-Driven Framework
- Page Object Model (POM)
- Cross Browser Testing
- Handling Alerts, Frames & Windows

6. Automation Testing – Advanced

- Hybrid Framework Design
- Parallel Execution
- Selenium Grid Basics
- Headless Browser Testing
- Test Reporting (Extent Reports, Allure)

7. API Testing

- API Basics & Architecture
- REST & SOAP Testing
- Postman for API Testing
- API Automation with Rest Assured
- JSON & XML Validation

8. Performance Testing

- Performance Testing Fundamentals
- JMeter Tool
- Load Testing
- Stress Testing
- Endurance Testing

9. Database Testing

- SQL for Testers
- Data Validation
- Backend Testing
- Stored Procedures Testing

Build Skills. Build Confidence. Become Industry-Ready