

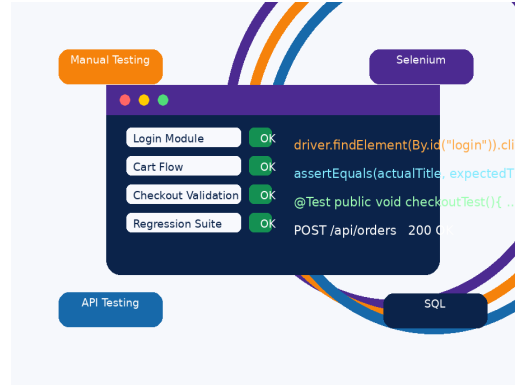


IT Expert Technology

Training and Placement

Now You Can Code

MANUAL TESTING & AUTOMATION TESTING (COMPLETE COURSE)



100% PLACEMENT ASSISTANCE

LIVE PROJECTS | INTERVIEW PREPARATION



MANUAL

Testing Basics



SELENIUM

Automation Suite



API

Postman Practice



MOCK

Interview Prep

ADMISSIONS OPEN

JOIN NOW - BOOK YOUR COUNSELLING TODAY

Manual Testing

Selenium

API Testing

SQL + Jira

Live Projects

Phone: 9673921886 Email: itexperttechnology123@gmail.com Website: www.itexperttechnology.in

Address: 1st Floor, Office No. 2, Aai Banglow, Dharmaraj Chowk, Near Akurdi Railway Station, Akurdi, Pune - 411035

COURSE OVERVIEW

A practical program to become job-ready in software testing and QA automation.

The Manual Testing & Automation Testing Course at IT Expert Technology Training and Placement is designed for students, freshers, graduates and working professionals who want to build a strong career in quality assurance and software testing. Students learn Manual Testing, SDLC, STLC, test case design, defect lifecycle, Agile, Jira, SQL, Java for automation, Selenium WebDriver, TestNG, Maven, POM, Cucumber, API Testing, GitHub and interview preparation with practical training.

Practical First

- Real website testing practice
- Assignments after each module
- Bug reporting and regression practice
- Automation scripts from scratch

Industry Tools

- Jira, TestRail concepts and Agile workflow
- Java, Selenium, TestNG and Maven
- Postman, SQL, GitHub and browser tools
- Cucumber and POM framework basics

Project Portfolio

- Manual test cases and bug reports
- Automation suite with POM framework
- API collections and SQL practice
- Final capstone testing project

Career Support

- Resume building and LinkedIn guidance
- Technical and HR interview preparation
- Project presentation practice
- 100% Placement Assistance

Best Suitable For: BCA, BCS, BSc, MCA, MSc, BE/BTech, Diploma, non-IT graduates, freshers, final-year students and working professionals who want to start or switch into software testing and QA automation.

WHAT YOU WILL LEARN

Clear outcomes after course completion.

1 Testing & QA Skills

- Understand SDLC, STLC, defect lifecycle and Agile workflow.
- Design test scenarios, test cases and bug reports professionally.
- Perform functional, regression, smoke, integration and UAT testing.
- Write SQL queries to validate backend data.
- Test APIs using Postman and understand HTTP concepts.
- Build automation scripts using Selenium and TestNG.

2 Professional Skills

- Prepare interview-ready project documentation and test artefacts.
- Build GitHub portfolio for automation scripts.
- Practice Manual Testing, SQL, Selenium and interview questions.
- Explain project flow, test strategy and defect reporting clearly.
- Understand POM, framework structure and reporting basics.
- Prepare for placement interviews with confidence.

WHY THIS COURSE WORKS

- Learn by practicing on real use cases - not only theory.
- Module-wise assignments, bug reporting practice and trainer-guided projects.
- Complete workflow: Manual Testing, SQL, API Testing, Selenium, TestNG, POM and GitHub.
- Interview-focused portfolio with live projects and documentation.

Training Type	Mode	Projects	Placement
Practical + Project-Based	Classroom / Online / Hybrid	Mini Projects + Capstone	100% Placement Assistance

ONE COMPLETE COURSE PLAN

One professional course plan with practical training, projects and 100% Placement Assistance.

MANUAL TESTING & AUTOMATION TESTING COURSE - ALL BENEFITS INCLUDED

- Manual Testing, SDLC, STLC, defect lifecycle and Agile
- Jira, SQL, Postman and browser tools
- Java, Selenium, TestNG, Maven, Cucumber and POM
- 20 practical projects plus final capstone project
- Resume, LinkedIn and GitHub portfolio support
- Mock interviews and technical preparation
- Certification support as per institute policy
- 100% Placement Assistance

COURSE FEE DETAILS & STUDENT BENEFITS

Regular Course Fee	Rs. 40,000
Discounted Course Fee	Rs. 30,000
One-Time Payment Offer	Rs. 27,000

IMPORTANT FEE & PLACEMENT CLARIFICATIONS

- IT Expert Technology provides 100% Placement Assistance with resume guidance, mock interviews and job opportunity support.
- Placement outcome depends on student skills, attendance, project completion, interview performance and employer selection.
- Students receive portfolio support, LinkedIn guidance and project presentation practice.
- Course discounts and fee offers are valid only when recorded on the official fee receipt.

COURSE ROADMAP

Step-by-step professional learning journey.

1	Phase 1 Testing Foundation IT basics, SDLC, STLC, testing concepts, defect lifecycle and QA documentation.
2	Phase 2 Manual Testing Test scenarios, test cases, Agile, Jira, smoke, regression, integration and UAT testing.
3	Phase 3 SQL + API Testing Database validation, SQL queries, HTTP concepts, Postman collections and API validation.
4	Phase 4 Automation Testing Java basics, Selenium WebDriver, locators, waits, TestNG, Maven, POM and Cucumber.
5	Phase 5 Career Portfolio Live projects, automation framework, resume, mock interviews and placement preparation.

AFTER COMPLETING THIS ROADMAP, STUDENT CAN

- Perform complete manual testing and write professional test documents.
- Validate data using SQL and test APIs using Postman.
- Build automation scripts and frameworks with Selenium and TestNG.
- Face technical interviews with project-based confidence.

MODULE-WISE SYLLABUS

Professional, readable modules with practical deliverables.

01 Testing Foundation & SDLC / STLC

KEY TOPICS

- Software basics, QA roles and testing objectives.
- SDLC, STLC, SDLC models and verification vs validation.
- Bug lifecycle, severity, priority and release concepts.
- Requirement understanding and traceability basics.

PROFESSIONAL OUTCOME

Strong testing foundation and QA terminology.

HANDS-ON LAB Create sample SDLC/STLC flow notes.

MINI PROJECT Prepare bug lifecycle chart.

INTERVIEW FOCUS SDLC, STLC, defect lifecycle and QA terms.

SDLC STLC Bug Lifecycle QA

02 Manual Testing Fundamentals

KEY TOPICS

- Functional, non-functional and static vs dynamic testing.
- Smoke, sanity, regression, retesting and integration testing.
- System testing, UAT, exploratory and compatibility testing.
- Test plan, test strategy and checklist basics.

PROFESSIONAL OUTCOME

Ability to identify testing types and where to apply them.

HANDS-ON LAB Classify testing types using real use cases.

MINI PROJECT Prepare test checklist for a website.

INTERVIEW FOCUS Testing types and basic QA artefacts.

Manual Testing Functional Regression UAT

MODULE-WISE SYLLABUS

Professional, readable modules with practical deliverables.

03 Test Scenario & Test Case Design

KEY TOPICS

- Test scenario writing and positive/negative test cases.
- Boundary value, equivalence partitioning and decision tables.
- Test data preparation and expected result writing.
- Requirement coverage and RTM basics.

PROFESSIONAL OUTCOME

Professional test case writing skill.

HANDS-ON LAB Write scenarios and test cases for login flow.

MINI PROJECT Prepare RTM for a module.

INTERVIEW FOCUS Test case design and coverage logic.

Test Cases BVA EP RTM

04 Defect Reporting, Jira & Agile

KEY TOPICS

- Defect report structure and reproduction steps.
- Jira workflow, issue creation and sprint basics.
- Agile, Scrum, stand-up, backlog and user story concepts.
- Communication with developers and closure validation.

PROFESSIONAL OUTCOME

Ability to report defects clearly and work in Agile teams.

HANDS-ON LAB Log defects in Jira-style format.

MINI PROJECT Create sample sprint defect board.

INTERVIEW FOCUS Defect report, Agile and Jira workflow.

Jira Agile Defects Scrum

MODULE-WISE SYLLABUS

Professional, readable modules with practical deliverables.

05 Web Application Testing

KEY TOPICS

- Browser basics, URLs, cookies, sessions and cache.
- Form validation, navigation, links, search and filters.
- Cross-browser and responsive testing basics.
- Test execution reporting and closure notes.

PROFESSIONAL OUTCOME

Confidence in testing real web applications.

HANDS-ON LAB Execute manual test cases on demo app.

MINI PROJECT Prepare execution report.

INTERVIEW FOCUS Web testing, browser checks and reporting.

Web Testing Browser Validation

06 SQL for Testers

KEY TOPICS

- DBMS/RDBMS concepts, tables, keys and relationships.
- SELECT, WHERE, ORDER BY, GROUP BY and aggregate functions.
- INSERT, UPDATE, DELETE, JOINS and subqueries basics.
- Using SQL for data validation in testing.

PROFESSIONAL OUTCOME

Ability to validate backend data for applications.

HANDS-ON LAB Write SQL queries on sample database.

MINI PROJECT Validate registration data using SQL.

INTERVIEW FOCUS SELECT, joins and data validation.

SQL MySQL Joins Validation

MODULE-WISE SYLLABUS

Professional, readable modules with practical deliverables.

07 API Testing with Postman

KEY TOPICS

- API basics, HTTP methods, status codes and JSON.
- Headers, params, body, auth and collections.
- CRUD API testing, environments and variables.
- Basic response validation and test scripts.

PROFESSIONAL OUTCOME

Ability to test APIs independently using Postman.

HANDS-ON LAB Test CRUD APIs in Postman.

MINI PROJECT Prepare API collection and report.

INTERVIEW FOCUS HTTP methods, JSON and Postman.

API Testing Postman JSON HTTP

08 Java Fundamentals for Automation

KEY TOPICS

- Java setup, syntax, variables, data types and operators.
- Conditions, loops, arrays and strings.
- Methods, constructors and OOP basics.
- Exception handling and simple programs for automation.

PROFESSIONAL OUTCOME

Strong Java base required for Selenium automation.

HANDS-ON LAB Write Java programs and logic tasks.

MINI PROJECT Build console validation utilities.

INTERVIEW FOCUS Java basics, OOP and exceptions.

Java OOP Loops Exceptions

MODULE-WISE SYLLABUS

Professional, readable modules with practical deliverables.

09 Advanced Java for Selenium

KEY TOPICS

- Classes, objects, inheritance and polymorphism.
- Collections, ArrayList, HashMap and iterations.
- File handling, properties file and wrapper classes.
- Packages and reusable utilities.

PROFESSIONAL OUTCOME

Ability to create reusable automation code.

HANDS-ON LAB Work with collections and property files.

MINI PROJECT Create test data utility class.

INTERVIEW FOCUS Collections, file handling and OOP usage.

Java Collections OOP Utilities

10 Selenium WebDriver Basics

KEY TOPICS

- Selenium architecture and WebDriver setup.
- Launching browsers and basic navigation methods.
- WebElement operations and common commands.
- Automation script structure and execution.

PROFESSIONAL OUTCOME

Ability to write basic browser automation scripts.

HANDS-ON LAB Launch browser and automate login.

MINI PROJECT Automate simple form submission.

INTERVIEW FOCUS WebDriver basics and browser commands.

Selenium WebDriver Browser Automation

MODULE-WISE SYLLABUS

Professional, readable modules with practical deliverables.

11 Locators, XPath & CSS Selectors

KEY TOPICS

- id, name, class, linkText and tagName locators.
- XPath types, axes and dynamic XPath creation.
- CSS selectors and practical locator strategy.
- Locator troubleshooting and reliability tips.

PROFESSIONAL OUTCOME

Strong locator-building skill for real-time automation.

HANDS-ON LAB Create locators for multiple elements.

MINI PROJECT Build locator cheat sheet.

INTERVIEW FOCUS XPath, CSS and locator strategy.

[XPath](#) [CSS Selectors](#) [Locators](#)

12 Advanced Selenium Actions

KEY TOPICS

- Implicit, explicit and fluent waits.
- Frames, windows, alerts and dropdown handling.
- Mouse actions, keyboard actions and JavaScript executor.
- Screenshots and synchronization strategies.

PROFESSIONAL OUTCOME

Ability to automate dynamic web applications.

HANDS-ON LAB Automate waits, alerts and windows.

MINI PROJECT Create synchronization demo scripts.

INTERVIEW FOCUS Waits, actions and dynamic elements.

[Waits](#) [Alerts](#) [Frames](#) [Actions](#)

MODULE-WISE SYLLABUS

Professional, readable modules with practical deliverables.

13 TestNG Framework

KEY TOPICS

- TestNG annotations, assertions and priorities.
- Grouping, dependsOnMethods and parallel concepts.
- Parameters, data providers and listeners basics.
- Generating reports and suite XML.

PROFESSIONAL OUTCOME

Structured test execution using TestNG.

HANDS-ON LAB Create TestNG suites and assertions.

MINI PROJECT Generate TestNG execution report.

INTERVIEW FOCUS Annotations, assertions and reports.

TestNG Assertions Suites Reports

14 Maven, POM & Framework Design

KEY TOPICS

- Maven project setup and dependency management.
- Page Object Model and reusable page classes.
- Base class, utility class and configuration file.
- Data-driven and modular framework structure.

PROFESSIONAL OUTCOME

Ability to build interview-ready automation framework.

HANDS-ON LAB Create POM structure with Maven.

MINI PROJECT Build login automation framework.

INTERVIEW FOCUS POM, Maven and reusable framework design.

Maven POM Framework DataDriven

MODULE-WISE SYLLABUS

Professional, readable modules with practical deliverables.

15 Cucumber BDD & Reporting

KEY TOPICS

- BDD concepts, Gherkin syntax and feature files.
- Step definition creation and runner setup.
- Hooks and tagging basics.
- Readable reporting and collaboration benefits.

PROFESSIONAL OUTCOME

Ability to create readable BDD automation scenarios.

HANDS-ON LAB Write feature files and steps.

MINI PROJECT Automate simple BDD login scenario.

INTERVIEW FOCUS BDD, Gherkin and Cucumber flow.

Cucumber BDD Gherkin Hooks

16 Git, GitHub & Jenkins Basics

KEY TOPICS

- Git commands, repository setup and commits.
- Push project to GitHub and README basics.
- Branching and collaboration workflow.
- Jenkins overview and CI concept for automation.

PROFESSIONAL OUTCOME

Professional workflow and version control readiness.

HANDS-ON LAB Push automation project to GitHub.

MINI PROJECT Prepare README for framework.

INTERVIEW FOCUS Git, GitHub and CI concepts.

Git GitHub Jenkins CI

MODULE-WISE SYLLABUS

Professional, readable modules with practical deliverables.

17 Live Projects & Capstone Testing

KEY TOPICS

- E-commerce, HRM or banking demo application testing.
- Manual test cases, defect reports and execution summary.
- Automation suite for critical regression scenarios.
- API, SQL and UI validation in one project.

PROFESSIONAL OUTCOME

Portfolio-ready project experience.

HANDS-ON LAB Test complete end-to-end application.

MINI PROJECT Final capstone testing project.

INTERVIEW FOCUS Manual + Automation integrated project flow.

Projects Regression Capstone

18 Interview Preparation & Placement Readiness

KEY TOPICS

- Resume keywords for Testing and Automation roles.
- Manual Testing, SQL, Selenium and API interview questions.
- Mock interviews, HR round and communication guidance.
- Project explanation and career roadmap.

PROFESSIONAL OUTCOME

Students become ready for QA and automation interviews.

HANDS-ON LAB Practice mock interviews and resume update.

MINI PROJECT Project presentation practice.

INTERVIEW FOCUS Interview questions and placement readiness.

Interview Resume Placement

TOOLS & TECHNOLOGIES

Hands-on exposure to a modern testing and automation stack.

Manual Testing

- SDLC / STLC
- Test Cases
- Bug Reports
- Regression Testing
- Agile / Scrum
- Jira Workflow

Automation

- Java
- Selenium WebDriver
- TestNG
- Maven
- Page Object Model
- Cucumber BDD

API & Database

- Postman
- HTTP / JSON
- Auth Basics
- SQL Queries
- MySQL Validation
- Collections

Workflow

- Eclipse / IntelliJ / VS Code
- Git
- GitHub
- README
- Browser DevTools
- Debugging

Reports

- TestNG Reports
- Screenshots
- Execution Summary
- Defect Summary
- Traceability Notes
- Project Docs

Career Outcome

- Perform Manual + Automation Testing
- Validate UI, API and DB
- Build automation framework
- Prepare for QA interviews

LIVE PROJECTS & PORTFOLIO

Practical mini projects and final capstone project.

Project Name	Technology Focus	Outcome
Login Module Manual Testing	Test Cases + Defects	Login flow validation
E-Commerce Website Testing	Manual + Regression	Cart / checkout testing
HRM Web App Automation	Selenium + TestNG	Automation suite
Banking Form Validation	Selenium + POM	UI validation framework
API CRUD Testing	Postman + JSON	API collection and checks
Database Validation Project	SQL + MySQL	Backend data verification
OrangeHRM Automation	Selenium + Maven	Framework practice
Bug Tracking Simulation	Jira Workflow	Defect management
Regression Automation Suite	POM + TestNG	Repeatable suite
Final Capstone Project	Manual + Automation + API	Deployable portfolio project

Project Development Support

- Project planning, test scenario design and module explanation.
- Bug report preparation, automation coding support and framework guidance.
- GitHub upload, README writing, screenshots and final presentation support.

CERTIFICATION & STUDENT BENEFITS

Professional support beyond classroom learning.

Certification Included

- IT Expert Technology course completion certificate after successful attendance, assignments and project completion.
- External certification support as per institute policy and provider availability.
- Project completion support for portfolio presentation and interviews.

Student Benefits

- Practical training with real testing practice from basic to advanced level.
- Trainer support for doubts, assignments and project errors.
- Live project development to build resume and GitHub portfolio.
- Mock interviews, technical questions and feedback.

PROFESSIONAL DEVELOPMENT SUPPORT

- Resume building with Manual Testing, SQL, Selenium, TestNG, API Testing and project keywords.
- LinkedIn profile improvement and job search guidance.
- GitHub project upload with README, screenshots and explanation notes.
- Mock interviews with Testing, SQL, Selenium, API and project-based questions.
- Aptitude, communication and HR preparation as per batch schedule.
- Interview-ready explanation of project modules, test strategy, defects, framework and results.

Career-Ready Outcome

- Resume + GitHub + Live Projects + Interview Practice. Students complete the course with professional documentation and confidence to explain Manual and Automation Testing projects in interviews.

PLACEMENT ASSISTANCE & STUDENT BENEFITS

Career support, eligibility requirements and professional development guidance.

100% PLACEMENT ASSISTANCE INCLUDES

- Resume preparation with Testing, Selenium, SQL, API and project keywords.
- LinkedIn and GitHub portfolio guidance with project documentation support.
- Mock interviews, technical question practice and HR preparation sessions.
- Job opportunity sharing, interview coordination and follow-up support.
- Professional communication and project presentation guidance.

STUDENT RESPONSIBILITIES

- Maintain regular attendance or complete approved make-up sessions.
- Complete assignments, tests, practical tasks, projects and capstone submission.
- Prepare an updated resume, LinkedIn profile, GitHub profile and project documentation.
- Attend suitable interview opportunities shared or arranged by the institute.
- Maintain discipline, timely communication and accurate information.

Placement Outcome Note

- Placement assistance supports students in career preparation and interview opportunities. Final selection depends on student performance, eligibility and employer requirements.

STUDENT BENEFITS & CAREER SUPPORT

- Live project guidance with final capstone and framework support.
- Resume, LinkedIn and GitHub portfolio preparation.
- Mock interviews, technical revision and HR preparation.
- Job opportunity sharing and interview coordination support.

ADMISSION PROCESS

Simple onboarding flow from counselling to certification and placement readiness.

1	Counselling and course/payment plan explanation.
2	Student admission form and course fee confirmation.
3	Fee payment/registration and official receipt generation.
4	Batch allocation and software setup guidance.
5	Course start, attendance tracking, assignments and project development.
6	Course completion, certification and placement-readiness process.

DOCUMENTS REQUIRED

- Photo ID proof such as Aadhaar, PAN, Passport or Driving License.
- Education proof or latest qualification document.
- Passport-size photo if required for institute records.
- Updated resume for placement assistance students.

IMPORTANT BROCHURE NOTES

- Final course duration, batch timing and mode will be confirmed during counselling.
- Syllabus topics may be updated based on industry demand and student readiness.
- Fee plans, discounts and special offers are valid only when recorded on the official receipt.
- Placement Assistance does not assure selection, employment, salary, company, location or joining.

JOIN MANUAL & AUTOMATION TESTING COURSE

Start learning with practical training and project-based mentoring

ADMISSIONS OPEN

IT Expert Technology Training and Placement

NOW YOU CAN CODE

Course Tracks

- Manual Testing | Selenium | API Testing | SQL

Career Support

- 100% Placement Assistance

Portfolio

- Live Projects + GitHub Docs

BOOK YOUR COUNSELLING SESSION TODAY

ONE COMPLETE COURSE PLAN | 100% PLACEMENT ASSISTANCE

Contact Details

- Phone: +91 9673921886
- Email: itexperttechnology123@gmail.com
- Website: www.itexperttechnology.in
- Address: 1st Floor, Office No. 2, Aai Banglow, Dharmaraj Chowk, Near Akurdi Railway Station, Akurdi, Pune - 411035

Brochure Note: Final course duration, batch timing, fee plan, certification details, placement assistance details and special offers will be confirmed during admission counselling and on the official fee receipt.