

Since 2007, Making IT Experts & Products

## Course: Software Testing (Manual)

Duration: 30 Hrs (Changeable) | Fees: Individual / Batch

Since 2007, Nestsoft TechnoMaster has been providing training, internships, and services in IT technologies, both online and offline, with the expertise of **over 250 industry experts**. We have delivered internships, training, and seminars to more than 50,000 students, resulting in numerous success stories. **We offer 100% placement support through JobsNEAR.in**

### Our Courses/Internship

- Python/Django Fullstack
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- Machine Learning
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- Software Testing (All)
- Wordpress, Woocommerce
- Digital Marketing, SEO
- Php/MySQL, Laravel
- Flutter, Android, IOS
- Asp.net MVC
- Web Design, Javascript
- Angular JS, React JS
- CCNA, MCSA, CCNP
- AWS, GCP, Azure
- Odoo, SalesForce, Sap
- Microsoft Excel
- Ethical Hacking



Syllabus on the Next Page ..



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- \* Manual Testing Syllabus

## **MODULE 1 - Introduction to Manual Testing**


- \* What is Software testing?
- \* Importance of Software testing
- \* Basic terminology of Software testing
- \* Difference between Manual and Automated Testing
- \* Software testing Principles
- \* Levels of Testing

## **MODULE 2 – SDLC and STLC**

- \* Software development life cycle
- \* Requirements phase
- \* Analysis phase
- \* Design phase
- \* Coding phase
- \* Testing phase
- \* Release and maintenance phase
- \* Software Development life cycle models
- \* Waterfall model
- \* Agile model
- \* Spiral model
- \* V model
- \* Software Testing Life Cycle
- \* Testing Constraints

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## MODULE 3 – Static and Dynamic Testing


- \* Static Test Design
- \* Formal review
- \* Informal reviews
- \* Walkthroughs
- \* Technical review
- \* Inspection
- \* Dynamic test design
- \* White-box testing
- \* White-box testing technique
- \* Black box testing
- \* Black box testing technique
- \* Grey box testing

## MODULE 4 – Test Plan and Test Case Documents

- \* Test plan document
- \* Scope of document
- \* Objective of testing
- \* Customisation of Test Plan document
- \* Requirement Traceability Matrix
- \* Importance of Test case
- \* Test case template
- \* Test Scenario

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- \* Test Strategy

## **MODULE 5 – Types of Testing**


- \* Functional Testing Types
- \* Sanity Testing
- \* Smoke Testing
- \* Retesting
- \* Regression testing
- \* Adhoc testing and types
- \* UI testing
- \* Positive Testing
- \* Negative Testing
- \* Alpha and Beta Testing
- \* Non-functional Testing
- \* Performance testing
- \* Load testing
- \* Stress Testing
- \* Volume Testing
- \* Security testing
- \* Portability testing

## **MODULE 6 – Bug Report and Test Report Documents**

- \* What is a bug?
- \* Bug life cycle

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- \* Severity
- \* Priority
- \* Types of Bugs
- \* Bug Report Template
- \* Metric types and calculation
- \* Test Report Template

(Click on Course for more details)

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**- Thank You -**

N.B: This syllabus is not final and can be customized as per requirements / updates.

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