



# Manual Testing Course Content

---

*Dear Student,*

*Based upon your enquiry we are pleased to send you the course curriculum for Manual Testing*

*Given below is the brief description for the course you are looking for:*

## **Introduction of Software Testing**

- What is Software Testing?
- What is the Need of Software Testing?
- Advantage of Software Testing

## **Software Testing Terminology**

- What is Bugs & Failures.
- Debugging & Root Cause Analysis.
- Verification & Validation.
- Test Bed/Environment.
- Test Scenario.
- Review, Walkthrough & Inspection.

## **Software Development Life Cycle (SDLC)**

- Initial Requirement phase
- Analysis phase
- Design phase
- Coding phase
- Testing phase
- Delivery and Maintenance phase

## **Software Development Models**

- Water Fall Model.
- Iterative Model.
- Prototyping Model.

- Agile.
- V-Model

## Testing Methodology

- Black Box Testing
- White Box Testing
- Gray Box Testing

## Software Testing Life Cycle (STLC)

- Requirement Analysis
- Test Planning
- Test Development
- Test Execution
- Test Reporting
- Test Result Analysis
- Bug Tracking and Reporting
- Regression Testing
- Test Closure

## Types of Testing

- Unit Testing.
- Integration Testing.
- Re Testing
- Regression Testing.
- Usability Testing.
- Performance Testing.
- Software Stress Testing.
- Security Testing.
- Smoke Testing.
- Compatibility Testing.



# Manual Testing Course Content

---

- System Testing.
- Alpha & Beta Testing.
- UAT (User Acceptance Testing).

## Traceability Matrix

- Requirement Traceability Matrix.
- Dependency Traceability Matrix.
- Forward/Backward Traceability Matrix.

## Test Case Design & Development Techniques

- Equivalence Partitioning.
- Boundary Value Analysis.
- Error Guessing

## Test Plan.

## Defect Management

- How to Log a defect?
- Defect Life Cycle.
- Defect Tracking Tool-Bugzilla.

## Test Design & Test Execution Checklist.

## Web Based Testing.

## What is Quality and Its Concepts

- Attributes of Quality.
- Cost of Quality (COQ).
- Cost of Poor Quality (CPQ).
- Cost of Rework.

## Quality vs. Productivity.

## Quality Control (QC).



# Manual Testing Course Content

---

## Quality Assurance (QA).

### SQL BASICS

- What is SQL?
- What SQL Can Do?
- DBMS
- SQL Basic Commands & Joins.

Duration: - 20 Hours

### Trainer Profile

- Having **8 years** of experience in Software Testing.
- **6 years** dedicated experience in Performance Testing & **2 years** of experience in **Manual, Database, Security, and API Testing**.
- Expertise in Performance Requirements Gathering, Test Strategy Design & Test Planning, Scripting, Application Monitoring and Test Report creation.

Proficient in Performance Testing Tools such as **HP Load Runner, Neo Load, Jmeter**.

### Counselling