

SOFTWARE TESTING



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What Is SOFTWARE TESTING?

Software Testing Is The Process Of Evaluating And Verifying That A Software Product Or Application Does What It Is Supposed To Do. The Benefits Of Testing Include Preventing Bugs, Reducing Development Costs And Improving Performance.



Course Structure

- ➔ **3 Months Course**
- ➔ **3 Months Internship**
- ➔ **100% Placement Assistance**

SOFTWARE TESTING

➔ SOFTWARE TESTING

1. How does software testing work?
2. Types of software testing
3. Why software testing is important?
4. Software testing principles

➔ MANUAL TESTING

1. Introduction to software
2. Types of testing
3. Black box testing
4. White box testing
5. Equivalence partitioning
6. Boundary value analysis

7. Error guessing
8. Verification and validation
9. Quality assurance and control assignment: Make notes – importance of software testing
10. Static techniques of testing
11. Techniques for testing
12. Testing of software life cycle
13. Test cases
14. Run test cases
15. Test cases planning.



AUTOMATION TESTING

1. What is automation testing
2. Benefits and drawbacks of automation testing
3. Automation tools in industry
4. When automation is needed
5. Overview of test management and bug tracking system

SELENIUM

1. Introduction of selenium
2. Selenium Architecture
3. Locator techniques
4. Selenium IDE
5. Selenium setup
6. Selenium RC
7. Web Driver

8. Testing

9. Auto IT

10. Selenium Grid

J METER

1. J meter overview(Performance testing tool)

2. Environment setup and installation of J meter

3. Using J meter - Build Test Plan

4. Using J meter - save and execute test plan

5. Using J meter - Record and run application using HTTP(S)

Test script Recorder

6.Using J meter - Using Dynamic data from a CSV file with J meter



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