Syllabus - Software Testing Training

Section 1 : Basic concept

- Basic Testing Vocabulary
- Quality control and quality control
- Quality cost
- Software Quality Factors
- How quality is defined
- Why do we test software?
- What is a defect?
- Testing Constraints
- Life cycle testing
- What is the QA process?
- Levels of testing
- The "V" concept of testing

Section 2 : Testing techniques

- Structural versus functional technique categories
- Confirmation and validation
- Static versus dynamic testing
- Examples of specific testing techniques

Section 3 : Test Administration

- Test planning
- Customization of the test process
- Budgeting
- Scheduling

Section 4 : Create a test plan

- Prerequisites for test planning
- Understand the features of the software being developed
- Make a test plan
- Write the test plan

Section 5 : Test cases

- Test case design
- Making test cases
- Check Data Mining
- Test Execution
- Test Reporting
- Disability Management
- Test coverage - detectable matrix

Section 6 : Controlling change

- Software Configuration Management
- Change management

Section 7 : Fundamentals of Automation Testing

- Basics of Automation Testing
- Selenium
- Factors for choosing a particular tool
- An overview of the major functional testing tools
- Review of test management and bug tracking tools

<u>Training Fees / Duration (Rs. 2,500/- Onwards)</u>

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