

Course Contents: Manual Testing

Topics

1. What is testing?
2. Objectives of testing
3. Responsibilities of a tester
4. Attributes of Tester
5. Test Team Structure, Test Candidates
6. Testing Environment
7. Relevance of SDLC in Software Testing , Concept of Build
8. SDLC Models (Waterfall, Incremental, Spiral, RAD, V model)
9. Different types of Testing done at different stages.
10. Test Factors and their Implementation
11. Software Test life cycle
12. Designing Test Plan.
13. Designing Test Case
14. How to Report Defects
15. Defect Lifecycle
16. Software Quality Assurance and Software Quality Control
17. Software Verification & Software Validation
18. Equivalence Class Partitioning & Boundary Value Analysis
19. Web Testing
20. Database Testing
21. Security Testing
22. Project Work