Testing Shastra

Manual Testing

SYLLABUS

Duration:	42Hrs
Mode of Training:	Online (Zoom Meeting)
Time:	Weekly 2 Hours

For more info., Call on:

+91-9130502135

Module 1

Introduction to Software Testing

- Introduction to testing
- Importance of software testing
- Testing Roles and Responsibilities
- Verification vs validation
- Types of Applications

SDLC phases and Deliverables

- Requirement Gathering
- Analysis of Requirement
- Design (HLD & LLD)
- Analysis of Design
- Coding
- Analysis of Coding
- Testing
- Maintenance
- Request for Change/Change Request
- Graphical representation of SDLC process
- BRS and SRS documents

DRE (Defect Removal Efficiency)

Entry Criteria and Exit Criteria

White Box Testing

- Execution Testing Techniques
- Operation Testing Techniques
- Mutation Testing Techniques

System Integration Testing

- Top – Down Approach
- Bottom – Up Approach
- Sandwich/Bidirectional Approach

Black Box Testing and It's Types

- Usability Testing
- Functional Testing
- Security Testing. (Overview)
- Performance Testing. (Overview)

Module 2 – Test Design and Implementation

- Difference between Test case, Use case and Scenario
- How to Prepare a test case template?
- Regression Suite
- Smoke suite
- Sanity suite
- Regression Testing
- Smoke Testing
- Sanity Testing
- Priority
- Severity
- Difference between Error, bug, defect
- Test Case Design Technique
- Boundary Value Analysis
- Equivalence Partitioning
- Bug/Defect Life cycle
- How to Prepare the Bug template?
- Bug Tracking tool
- STLC – Software Testing Life Cycle
- Testing Terminologies.
- Difference between Functional and Non-functional testing
- Test Environments and Test data preparation
- Live project testing
- Live Jira overview.
- Different email templates
- Interview Questions and Answers

END