

A. Manual Testing (ISTQB Certification)

- Fundamentals of testing
- Testing throughout the software life cycle
 - Software Development Models
 - Test Levels
- Non-functional Tests
- Static techniques – Verification, Validation, Review
- Functional Testing
 - Black Box Testing
 - Equivalence Partitioning
 - Boundary Value Analysis
 - Error Guessing
 - Cause and effect graph
 - State Transition Diagram
- Structural Testing , White Box Testing
- Test management
 - Testing Project Planning
 - Configuration Management
 - Risk Management
- Incidence Management
- Tool support for testing

B. Project