



## **SFTWARE TESTING 2-Months**

### **SQT COURSE CONTENT**

#### **MODULE 1: MANUAL TESTING**

- Introduction and Overview of SQT.
- Software Development Life Cycle: SDLC Methodologies Followed in Industry.
- Software Testing Life Cycle: The Product Overview.
- Software Configuration Management (SCM).
- Quality Standards (CMM & ISO) – Overview.
- Verification, Validation and Evaluation Techniques.
- Test Planning, Test Case Design and Execution : With Live Examples.
- Various Testing Techniques and Types.
- Testing Estimation and Control: Techniques to Manage in different Environment.
- Defect/Bug Life Cycle: Tracking and Reporting Methods.
- Traceability Matrix: Concepts with Live Examples.
- Introduction to Web Application Testing.
- Usability and Performance Testing.
- Qualities of Good Tester: How to Identify and Develop Effective Tester.
- Test Completion Criteria.
- Developing Test for a new Product and Release.

#### **MODULE 2: AUTOMATION TESTING**

- Introduction and Overview of Testing Tools.
- Automated Testing.
- Automated Test Script Development.
- Test Management Tool – HP – ALM , Quality Center , Test Director.
- Functional Testing Tool – Quick Test Professional (QTP).
- Performance Testing Tool – Load Runner.

#### **MODULE 3: DATA BASE TESTING**

- Retrieving data using SELECT statement.
- Restricting & sorting data.

- Single row functions.
- Group functions.
- Joins.
- DDL & DML statements.
- Data dictionary.
- Managing schema objects.
- Sub queries.

