



## **QA/QTP with LR Course Content:35-40hours**

### Course Outline

**Manual testing:** Manual testing is crucial for the thorough testing of software applications.

Manual testing requires a tester to perform manual test operations on the test software without the help of

Test automation. This course provides you with a thorough understanding of Software Test Life Cycle.

### **Manual Testing Content**

- Basics Of Software testing
- SDLC(Software development Life cycle)
- STLC (Software Testing Life cycle)
- Levels of Testing
- Unit Testing
- System Testing
- Integration Testing
- UAT Testing
- Types of Testing
- Sanity Tsting
- Functional Testing
- Regression Testing
- Compatability Testing
- ReTesting and etc..
- Testing techniques and etc.
- Methods of testing

**Automation Testing:** Automation is justified where repeatable consistent tests can be run over



- a stable environment. The course provides an introduction to testing tools and test automation adopting a
- Practical Orientated Approach to take you through different Software Testing & Automation. The course
- gives the knowledge that is necessary to avoid pit falls of test automation

#### **Automated Testing Tools:**

- **Fuctional Tool**
- 1.QTP (Basics and Advanced) Recording level and Scripting level.
- 2. Win Runner

#### **Performance Tool:**

- 1 Load Runner
- Management Tools:
- Test Director
- Quality Center

#### **Quick Test Professional:**

##### **Basics Topics**

- Quick test at a glance
- Record and playback
- VB Script Required for QTP
- Recording Modes
- Object Identification
- Object responsitory
- Synchronization Point
- Check points and outputs Values
- Regular Expression
- Recovery Scenario
- Actions,call to Actions in Scripts
- Data Driving Testing
- Batch Excution
- Running the test
- Debugging Tests
- Introduction to frame work

- **Advanced Topics**

- VB Script Required for QTP
- Writing Scripting
- Concept of Descriptive Programming
- Recovery Scenario with Regular Expressions
- Functions, How to call Function in QTP

- Class, call the Function from the Class
- Creating Objects
- Environment Variables
- Excel Methods
- DataTable Methods
- Writing the Script for WebBased App and Windows based App
- Building Frame Work of a real life application, and different types of Frame Works
- Like keywordDriven FrameWork, DataDriven FrameWork, Hybrid Frame Work.

**Performance of Load Runner:**

- Introducing Client Server Application
- Planning Load Tests
- Components Of Load Runner
- Introducing VUser Scripts
- Working With Vugen
- GUI Vuser Script
- Parameterization
- Correlation
- Verification Checkpoint
- Actions
- Load generator
- Controller
- Analyzer.

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