

## HP QTP/ UFT

### HP QTP / UFT

#### Automation Testing process

- Tools Evaluation
- Effort Estimation
- Framework creation

#### Test Automation fundamentals

- Automated Testing
- Benefits of Automation Testing

#### Automation Testing Tools

- Open source Tools and Commercial Tools
- Test Automation Tool Evaluation
- Introduction to QTP
- QTP Licenses
- Add-in manager
- QTP Test Window

#### Recording Modes and Run Modes

#### Object Oriented Programming

- Class and object
- Understanding QTP script
- Sample scripts Development
- Object identification
- Types of objects
- Object Repository
- Object Repository manager
- Object spy

#### Descriptive programming

- Designing Descriptive programming
- Specifying the properties
- Description object

#### Synchronization

#### Transactions

#### Actions

- Types of actions
- Creating tests with multiple actions
- Creating and Inserting actions
- Action template

#### VB script

- Conditional statements
- Loop statements
- Built-in functions
- Creating user defined functions
- Function library
- Associating library files

#### QTP methods

#### QTP scripts template

#### Real-time test script development

#### Data driven testing-parameterization

- Data table
- Environment
- Random number
- Data base
- Text files
- Excel files

#### Check points

#### Output values

#### Regular expressions

#### Recovery scenarios

#### Automation object model

#### Virtual objects

#### Web programming

#### Automation frameworks implementation

- Linear framework
- Data driven framework
- Modular framework
- Keyword-driven framework
- Hybrid framework

## HP QC / ALM

### Test Management

#### Site administrator job

#### Quality center user's job

#### Release management

#### Requirements specifications

#### Test plan

- Adding test scenarios and Adding test cases
- Mapping requirements with test cases
- Exporting Manual test cases to QC

#### Test lab

- Test execution
- Executing manual and automation tests
- Analyzing test results
- Defect reporting

#### Defects

- Defect reporting
- Defect tracking and Defect retesting
- Defect reports

#### Test resources

- Creating framework

#### Dashboard Reports

## After Course

1. Resume Preparation
2. Guidance to apply jobs
3. Written Test
4. Mock Interviews
5. Placement Assistance till you find a Job