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## TIB ACADEMY'S
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We provide quality training with lowest price. This opportunity is available only at TIB Academy.

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## QTP Testing

## Quick Contact

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## QTP Course Syllabus

✓ **Introduction to Automation Testing**

- What is Automation Testing

- When Automation is needed

- When Automation is not needed

- Advantages of Automation Testing

- Disadvantages of Automation Testing

- What are the popular Automation Tools in the industry

- What is the difference between various Automation Testing Tools

✓ **Introduction to QTP**

- QTP IDE , Basic Components in QTP , Addin Manager

- How does QTP works/Object recognition concept .

- Record a sample Test.

- Understand the Script.

- Execution of a Test.

- Enhancement of recorded script.

✓ **Framework in QTP**

- What is Framework

- Types of Framework

- Linear Scripting

- Structured Scripting

- Data Driven

- Keyword Driven

- Modular Driven

- Hybrid

✓ **Object Repository**

- QTP Classes and Objects

- Details of OR

- Types of OR

- How to create OR

- Test Object Vs Run time Object

- Configuring Object identification

- Object Spy

- Object Properties

- Logical Name

- Mandatory/Assistive properties /Ordinal identifier

- Smart Identification

- Compare and Merge options

# Course - Curriculum

## ✓ Recording Modes

- What is Recording Modes
- Types of Recording Modes
- Normal Recording Mode
- Analog Recording Mode
- Low Level Recording Mode

## ✓ Checkpoints

- What is Checkpoint
- Why Checkpoint is needed
- Types of Checkpoint
- Different ways of Inserting Checkpoints

## ✓ Parameterization

- What is Parameterization
- Why Parameterization is needed
- Types of Parameterization
- Datatable, Random Number and Environment Number Parameterization
- How to access data from Global Sheet and Local sheet

### Actions

- What is Action

- Types of Actions

- Methods to import an Action

- Call to New

- Call to Existing

- Call to Copy

### Regular Expression

- Regular Expression

- When to Use Regular Expression

- How to use Regular Expression in Descriptive

### Programming Recovery Scenarios

- Handling the exception using Recovery Scenario Manager

- Usage of Recovery Scenario Wizard

- Completing a Recovery Scenario

- Creation and Association of .QRS file for Recovery Scenario

### Step Generator

- What is Step Generator

- How to Generate script using Step Generator

- Advantages & Disadvantages of using Step Generator

# Course - Curriculum

✓ **Virtual Object**

- What is Virtual Object

- When Virtual Object is used

- Limitations of Virtual Object

✓ **Debugging**

- When Debugging is used

- Step Into

- Step Out

- Step Over

✓ **Descriptive Programming**

- What is Descriptive Programming

- Types of Descriptive Programming

- Working with DP Object

- Working with Object Collection

✓ Basics of VB Scripting

- Data Types, Variables, Constant

- Operators-Arithmetic, comparison, Concatenation, Logical

  Conditional construct If Then Else and Select Case

- Looping Construct Do, While, For Next, For Each Next

- Arrays and Functions

- Important Inbuilt functions

✓ **Some real time Scenarios**

- How to start in real time projects

- How to connect to the Database

- How to get input value from the external excel sheet

## Assessments

- **Objective Assessments**

  -- Syntactical based

  -- Scenario based

  *Note: At least 2 objective based assessments in each module*

- **Hands On – Practical Assessments**

  -- Scenario based

  *Note: At least 2 Hands on assessments in each module*

## Assignments

- **Hands On – Practical Assignments**

  *Note: At least 4 Hands on assignments in each module*

## Tasks – Home Work

- **Regular tasks on each module**

  *Note: Tasks are focused more to improve self learning*

## Resume Support & Interview Preparation

- **Work on one or two mini projects**
- **Discuss and convert the current working project into QTP-Testing project to add in resume & to explain QTP-Testing experience in interviews**