

## **Robotic Process Automation (RPA)**

Robotic Process Automation (RPA) is the application of technology for integrating existing applications for processing various trigger responses, processing transactions and high interaction with other digital systems. Robotic Process Automation (RPA) refers to the technology that allows people to develop an application that could perform large data analysis, process various responses, manipulate data and communicate with other systems. It is currently one of the most revolutionary and most desirable technologies employed by millions of organizations all over the world in order to save a lot of time, effort and money during their big desktop processes. RPA has incredible scope in the current business market, which is expected to increase in the near future.

### **Target Audience:**

- Business Process Employees
- Analysts
- End Users
- IT Professionals
- Administrators
- Flowchart Designers

### **RPA Modules/Tools overview:**

**Blue Prism:** In this tool, Audience will acquire knowledge in business operations to be cost effective and responsive through the rapid automation to improve accuracy by creating a virtual workforce.

**Ui Path:** UI is simply a software automation and application integration expert. It helps the audience to gain knowledge in removing of obstacles to employee productivity and customer service.

**Automation Anywhere:** In this tool, aspirants will acquire knowledge to help the organizations to achieve process consistency across the team or else by automating and managing workflows in an efficient way.

**Open Span:** In this tool, the audience will leverage skills in desktop automation technologies which are mainly focused on driving revenue growth, operational efficiency and customer lifetime growth.

**Duration:** 30-40 hours per module/tool

**Assignments & Project:** Included in each module/tool

**Fee Structure:** INR 18,000/- +18% GST per module/tool

**Training Mode:** Classroom & Online Training

**Contents of all Modules/Tools:** Mentioned below

## Blue Prism:

### **RPA Introduction**

- Introduction to RPA & RDA
- RPA in BPM Concept
- BPM vs RPA with example
- Different RPA Tools & Comparison
- Use Cases of Automation
- Blue Prism Tool Introduction
- Lifecycle of Automation Project, Roles & Responsibilities

### **Flow Charts**

- Design
- Draw flow chart and diagrams
- Inputs and Outputs
- SDD, PDI, ODI

### **Process Studio**

- Running a Process
- Basic Skills
- Process Validation
- Decision Stage
- Calculation Stage
- Data Items

### **Process Flow**

- Circular Paths
- Set Next Stage
- Breakpoints
- Collections & Loops
- Pages for Organization

### **Inputs & Outputs**

- Input Parameters
- Stepping and Pages
- Data Item Visibility
- Data Types
- Output Parameters
- Start Up Parameters
- Control Room
- Process Outputs

## **Object Studio**

- Creating a Business Objects
- Application Modeler
- Spying Elements
- Attributes
- Attribute Selection
- Launch
- Wait
- Timeouts
- Terminate
- Write
- Press
- Attach & Detach
- Read
- Actions
- Action Inputs & Outputs
- Data Item as Inputs

## **Error Management**

- Recover & Resume
- Throwing Exceptions
- Preserving the current exceptions
- Exception Bubbling
- Exception blocks

## **Queue Management**

- Work Queues
- Queue Items
- Work Queue Configuration

## **Additional Features**

- Collection Actions
- Choice Stage
- Logging
- Log Viewer
- System Manager
- Process Grouping
- Export & Import

## **Release Manager**

- Package creation

- Release of Process/Objects/Packages

#### **Advanced Features**

- Data Item Initialization
- Data Item Exposer(Environment Variables)
- Casting
- Code Stage
- Initialize and clean up
- Attribute Match Types
- Dynamic Attributes
- Active Accessibility
- Global Clicks & Keys
- Credentials

#### **Advance Concepts**

- Surface Automation
- Web Service based application
- Certification Accreditation preparation
- Match Index & Match Reverse

#### **Ui Path:**

- Understanding Ui Path
- Understanding the concept of Workflow
- Working with Data in Ui Path
- Excel and Datatable Automation
- Understanding Recording Concepts
- Understanding Selector Concepts
- Introduction to UI-Elements I/O
- Automating Image and Text
- Automation using Citrix
- Using Ui Path as Mail & Pdf
- Working with User Events
- Organizing the complete project using Ui Path
- Understanding Exceptions and Debugging in Ui Path
- Concept of Ui Path Orchestrator,
- Introduction to Front +Back Office Robots
- Understanding SAP Concepts
- Understanding Database Concepts in Ui Path

## Automation Anywhere:

### **INTRODUCTION TO AUTOMATION ANYWHERE**

- Architecture
- Introduction to Product Architecture
- Task Bots and its usages
- Meta Bots and its usages
- Learn IQ Bots

### **DASHBOARD IN AUTOMATION ANYWHERE**

- Task Bots
- Recording the task.
- Create Task
- Task Editor and its usages
- Features in Task Editor

### **INTEGRATE PDF**

- Usage of If/else command
- Datase and AA
- Email Automation in AA
- Handling Exceptions
- Commands in PGP

### **IMPLEMENT WEB SERVICES**

- MetaBot and its Usages
- Overview
- Creation of Metabot
- Understand Designer in MetaBot

### **ADDING METABOT**

- Recording Record set
- Various configurations in MetaBot Screens
- Calibrations in MetaBot Screens

### **FOLDERS TO METABOT**

- How to record in MetaBot
- Logic Editor
- Import and expert MetaBot
- Commands Categories
- Mouse
- Files
- Web Service
- Tasks
- Operations
- Integration

## Open Span:

### **Windows Integration**

- Getting Started with Open Span Studio
- Recommended Practices for Solution Building
- Developing Open Span Solutions and Projects
- Defining Windows Adapter Design Properties
- Working with the Windows Adapter
- Recommended Practices in Solution Development
- Working with Open Span Automations
- Working with MDI Child Windows

### **Interaction Framework**

- Working with Interaction Framework
- Working with Activities and Active MDI Windows

### **Web Integration**

- Defining Web Adapter Properties, Events, and Methods
- Using the Web Adapter
- Interrogating a Web Application
- Working with Web Adapter Match Rules
- Automating the Training Web Site

### **Project Deployment**

- Using the Agile Desktop Framework
- Building Project Files
- Deploying Open Span Solutions
- Using Configuration Project Items
- Using Open Span Management Console

### **Diagnostics and Debugging**

- Debugging Open Span Projects
- Using Studio's Diagnostics Publishers
- Handling Errors