

**CETPA INFOTECH PVT. LTD.**  
**CURRICULUM OF RPA(UI PATH)**

➤ **Introduction to RPA**

- About RPA
- RPA Tools
- RPA Tools Installation
- Differences between Automation Tools
- Hardware and Software Requirements

➤ **Workflow Designer Panels**

- Ribbon
- Universal Search Box
- Activities Panel
- Design Panel
- Library Panel
- Project Panel
- Properties Panel
- Outline Panel
- Output Panel
- Control Panel

➤ **Types of Workflows**

- Sequences
- Flowcharts
- State Machines

➤ **Managing Variables and Arguments**

- Managing Variables
- Types of Variables
- Managing Arguments

➤ **Data Scraping**

- Examples of Using Data Scraping

➤ **Recording**

- About Recording
- Recording Types
- Automatic Recording
- Example of Automatic Recording with Basic and Desktop
- Example of Automatic Recording with Web
- Manual Recording

➤ **Advanced UI Interaction**

- Input Methods
- Output or Screen Scraping

➤ **Recording**

- About Selectors
- Selectors with Wildcards
- Full versus Partial Selectors
- UiPath Explorer

➤ **Image and Text Automation**

- About Image and Text Automation
- Mouse and Keyboard Activities
- Text Activities
- OCR Activities
- Image Activities
- Examples for all activities

➤ **Citrix Automation**

- Introduction to Citrix Automation
- Example of Citrix Automation

➤ **Excel & Data Tables**

- Excel Activities
- Data Tables Activities
- Examples

➤ **PDF**

- Data Extraction from PDF
- PDF Activities

➤ **Email Automation**

- Email Automation
- Email Activities

➤ **Debugging and Exception Handling**

- Debug Workflow
- Error Handlings

➤ **UiPath Orchestrator**

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# CURRICULUM OF BLUE PRISM

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| <ul style="list-style-type: none"><li>➤ <b>Basic class</b><ul style="list-style-type: none"><li>• RPA Introduction</li><li>• RPA Future</li><li>• RPA Tools Explanation</li></ul></li><li>➤ <b>Introduction To Blue Prism</b><ul style="list-style-type: none"><li>• Full Installation of Blue Prism Software with the Server</li><li>• Blue Prism Architecture</li><li>• Blue Prism Dashboard</li><li>• Overview of Blue Prism Modules</li></ul></li><li><b><u>Hands On Training For Below Modules:</u></b></li><li>➤ <b>Modules</b><ul style="list-style-type: none"><li>• Process Studio</li><li>• Object Studio</li><li>• Control Room</li><li>• Analytics (Dashboard)</li><li>• Release Manager</li><li>• System Manager</li></ul></li><li>➤ <b>Process Studio</b><ul style="list-style-type: none"><li>• Introduction to process studio</li><li>• Process Creation</li><li>• Process Flow</li><li>• Create, Edit, Save, Test, Compare, Delete Process</li><li>• Open and Executing a Process</li></ul></li><li>➤ <b>Stages Explanation</b><ul style="list-style-type: none"><li>• Decision and Choice</li><li>• Calculation and multicalc Stage</li><li>• Data Item</li><li>• Link and Anchor Stage</li><li>• Multiple pages and the page reference</li><li>• Controlling Play</li><li>• Action Stage</li><li>• Process Stage</li><li>• Block, Pointer, Notes stage</li><li>• Recover, Resume and Exception Stage</li></ul></li><li>➤ <b>Basic Operations</b><ul style="list-style-type: none"><li>• Importing VBOs in Blue Prism</li><li>• Add and Append Rows To Collection</li><li>• Basic Excel operation with Blue Prism</li><li>• File manipulations</li></ul></li><li>➤ <b>Object Studio</b><ul style="list-style-type: none"><li>• Comparison of the process and the object studio</li></ul></li></ul> | <ul style="list-style-type: none"><li>• Creating object with below stages</li><li>• Read Stage</li><li>• Write Stage</li><li>• Code Stage</li><li>• Wait Stage</li><li>• Navigate Stage</li><li>• Application Modeler</li><li>• Local Data Item</li><li>• Global Data Item</li><li>• String Operations</li></ul> <li>➤ <b>Different Spy Modes</b><ul style="list-style-type: none"><li>• Win32 mode</li><li>• Active Accessibility mode</li><li>• Region mode</li><li>• Html mode</li><li>• UI Automation Mode</li></ul></li> <li>➤ <b>WORK QUEUES</b><ul style="list-style-type: none"><li>• Creating Work Queue</li><li>• Work Queue Features like,<ul style="list-style-type: none"><li>• Work Queues – Defer Item</li><li>• Work Queues – Tag and Tag filter</li><li>• Work Queues – Priority</li><li>• Encrypting Work Queues</li></ul></li></ul></li> <li>➤ <b>SURFACE AUTOMATION</b><ul style="list-style-type: none"><li>• DATA INPUT (Writing Values) using image and the Co-ordinates method</li><li>• DATA OUTPUT (Read Values) using OCR and Character Matching Techniques</li></ul></li> <li>➤ <b>OTHER IMPORTANT TOPICS</b><ul style="list-style-type: none"><li>• How to define attributes in application modeler</li><li>• Inputs and Outputs</li><li>• Environment Variables</li><li>• Session Variables</li><li>• Passing values from process to object studio</li><li>• Attach and Detach</li><li>• How to create package and Release</li><li>• Exception Handling</li><li>• Exception bubbling</li><li>• Credential Manager</li><li>• Encryption Scheme</li><li>• Multibot Architecture</li><li>• Setting up Blue Prism run time resource</li><li>• Global Send Keys</li><li>• Outlook Mailing</li><li>• Login agent</li></ul></li> |
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