



## Program Structure

<b>Program Name</b>	<b>Certificate Course in Robotic Process Automation</b>							
<b>Proposed Program Duration</b>	230 hours							
<b>A. Overview of program</b>	<ul style="list-style-type: none"> <li>• Industry Sector – The Course provides hands on training over use of software’s with AI and Machine Learning to automate the handling of voluminous data. It aims at designing and implementing processes and layouts for complex, large-scale data sets used for modelling, data management, manipulation, and research purpose.</li> <li>• Skills acquired includes – Generic: Technical communication, Technical: programming skills, developing and designing software robots, Mathematical Modeling, Professional and Organizing skills.</li> </ul>							
<b>1. Program Objectives</b>	<ul style="list-style-type: none"> <li>• Develop and build software robots</li> <li>• Manage their work to meet requirements</li> <li>• Work effectively with colleagues</li> <li>• Maintain a healthy, safe and secure working environment</li> <li>• Develop their knowledge, skills and competence</li> </ul>							
<b>2. Target group of learners</b>	<ul style="list-style-type: none"> <li>• BE/B.Tech (Engg, CSE), BSc Computer Science, MSc Computer Science, BCA Computer Science, MCA Computer Science</li> <li>• Master's Degree in Science/ Technology</li> </ul>							
<b>3. Entrance Exam test format</b>	<table border="1"> <tr> <td>Time : 1 hour</td> </tr> <tr> <td>No of Questions: 50</td> </tr> <tr> <td>Exam Type: Multiple Choice questions</td> </tr> <tr> <td>Aptitude: 15 marks</td> </tr> <tr> <td>Basics of Computers: 20</td> </tr> <tr> <td>Logical thinking: 15 marks</td> </tr> </table>	Time : 1 hour	No of Questions: 50	Exam Type: Multiple Choice questions	Aptitude: 15 marks	Basics of Computers: 20	Logical thinking: 15 marks	
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<b>Job Role</b>	<p>Provide guidance with process design.  Design, develop, test automation workflows.  Deployment of <b>RPA</b> components: bots, robots, development tools.  Support the implementation of <b>RPA</b> solutions.  Create process documentation.  Assure the quality of the automation</p>							
<b>Learning Outcomes</b>	<p><b>After completing this programme, participants will be able to:</b></p> <ul style="list-style-type: none"> <li>• Gain insights into Robotic Process Automation Technology</li> <li>• Learn basic concepts of UI Automation using UiPath</li> <li>• Gain skills in building workflows in UiPath</li> </ul>							



	<ul style="list-style-type: none"> <li>● Learn to use several types of data inside a workflow</li> <li>● Gain expertise in Desktop, Web and Citrix Automation</li> <li>● Understand reusing of automation by implementing templates</li> <li>● Use RE Framework to build a structured business automation process</li> <li>● Learn to organize a real-world workflow automation project</li> <li>● Develop skills in debugging a workflow</li> <li>● Maintain a healthy, safe and secure working environment</li> <li>● Provide data/information in standard formats</li> <li>● Develop their knowledge, skills and competence</li> </ul>			
<b>B. Curriculum and Pedagogy</b>	<b>Module</b>	<b>Elements</b>	<b>TH</b>	<b>PR/ S</b>
	RPA101	Robotic process automation concepts:	10	15
	RPA102	UI path tool	15	50
	RPA103	BLUE Prism	10	20
	RPA103	Automation Anywhere	10	50
	RPA104	Professional Skills	0	30
		Examination	10	10
	<b>Total HOURS</b>		<b>55</b>	<b>175</b>