Short Course in Robotics Process Automation

Duration: 6 months
Criteria – Degree/Diploma in IT

Programme content:
Basic Modules

VB .Net Training Modules

	New Project (Console Application)
	Program Structure, Module, Classes
	Data Types and Variable Declaration
	Arithmetic Operators, Comparison Operators
Basic	Select Case
	Arrays, Lists, Dictionaries
	Substring, Mid, Left, Right Methods
	For Loop, Do Loop
	Exception Handling
	New Project (Windows Forms Application)
	Common Controls (Button, CheckBox, RadioButton, ComboBox, DateTimePicker, Label, ListBox, NumericUpDown, PictureBox, ProgressBar, TextBox, ToolTip)
	Container Controls (FlowLayoutPanel, GroupBox, Panel, TabControl, TableLayoutPanel)
Intermediate	Data Controls (Chart, DataGridView)
	Menu & Toolbar Controls (MenuStrip, StatusStrip, ToolStrip)
	Loop through controls
	Dialogs (FolderBrowserDialog, OpenFileDialog, SaveFileDialog)
	Components (Timer)

C# Training Modules

C# Module	C# Topics Detail
Fundamental Training	Structures of Object-oriented Programming
	.NET InstantCode: .NET Design Patterns
.NET Training	ASP.NET Web Form fundamentals in C#
	.NET Core & Visual Studio Extensions
	Angular 11 Bootcamp: Session 1 Replay
	DevOps Trobleshooting Essential
.NET Security Training	Secure Coding for .Net
	Securing .NET Programming
	Defensive Coding Fundamentals for C#
	Defensive Coding for C#
	Defensive Coding for JavaScript and HTML5

	Implementing ASP.NET Authentication and Authorization
C# (Fundamental Training)	Structures of Object-oriented Programming
C# (Fundamental Training) C# (.NET Training)	.NET InstantCode: .NET Design Patterns
	ASP.NET Web Form fundamentals in C#
C# (.NET Training)	.NET Core & Visual Studio Extensions
	Angular 11 Bootcamp: Session 1 Replay
	DevOps Trobleshooting Essential
	Secure Coding for .Net
	Securing .NET Programming
C# (.NET Security Training)	Defensive Coding Fundamentals for C#
	Defensive Coding for C#
	Defensive Coding for JavaScript and HTML5
C# (.NET Security Training)	Defensive Coding Fundamentals for C#
	Defensive Coding for C#
	Defensive Coding for JavaScript and HTML5
	Implementing ASP.NET Authentication and Authorization
	Microsoft Azure for .NET Developers - Cloud Patterns and Architecture (Intermediate)- Basic
OPTIONAL: .NET AI Training	Microsoft Azure for .NET Developers - Building Secure Services and Applications (Advanced)- Basic
	Develop an AI solution using MS Cognitive Service and Bot framework in .Net AI- Basic

SQL Training Modules

SQL
Create, Alter, Drop, Restore Database
Datatypes
Variables
Create, Alter, Drop Table
Primary Key
Foreign Key
INSERT INTO, UPDATE, DELETE Records
IF ELSE Condition Statement
CASE Statement
Functions (Substring (), etc.)
INNER, LEFT, RIGHT, OUTER JOIN
Stored procedures

Certifications Compulsory:

1st tool - Automation Anywhere – 2 months

AA Modules	Topic Details
Introduction to Automation Anywhere	
Installation/Configuration	
Overview of AA Control Room	Bot Scheduling
	License Installation
	Manage Roles
	Create Users
	Create Locker and Credentials
	Assign Bot Runner/ Bot development License to Users
	Import/Export Package
Overview of AA Client	Recorders
	Workbench
	Email Configuration
	Repository
	Plugins
	All commands (Database, Object Cloning, Excel, File/Folders, Loop, If/Else etc)
	Exception Handling/ Logging
	Metabot
	Version Control/SVN functionality

2nd tool - UI Path – 2 months

UI Path Modules	Links
UiPath Platform Updates	2021.10 UiPath Platform Updates
RPA Developer Foundation course	RPA Developer Foundation (uipath.com)
RPA Developer Advanced course	RPA Developer Advanced (uipath.com)
UiARD	UiPath Advanced RPA Developer Certification Training

Completion of programme:

Attendance certificate as well as certifications certificate will be provided to students at completion. Certification is part of the programme and Students need to complete 2 certifications to complete the programme. Upon successful completion of programme, students will be sent for internship at Accenture for **one month**. Upon successful completion and satisfaction of employer, students may be onboarded at Accenture itself.

Kindly note that PML will not be held responsible for guaranteeing employment.