

# MASTERING INTELLIGENT AUTOMATION WITH ROBOTICS AND ARTIFICIAL INTELLIGENCE

**Cohort 06**

**CPD : 44**  
HOURS



**Saturday – Sunday    2:00 PM – 5:00 PM    Online Zoom**

**Register Now**



111-000-422



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## Course Overview

In today's rapidly evolving technological landscape, the field of Finance and Business is transforming, propelled by the emergence of AI (Artificial Intelligence) and RPA (Robotic Process Automation). These disruptive technologies offer professionals an opportunity to enhance efficiency, accuracy, and overall service quality. As a prestigious regulatory body with a long-standing legacy, the Digital Assurance and Accounting Board of ICAP continues to play a pivotal role in the professional development of Chartered Accountants and other professionals. Committed to advancing the profession, ICAP has meticulously designed to equip the professionals with the necessary skills to effectively utilize AI and automation together to enhance efficiency and effectiveness of routine processes.

Participants will immerse themselves in the world of AI empowered Robotic Process Automation to develop intelligent robots automating their day-to-day activities, saving time for strategic engagements. Participants will be learning use of cutting-edge tools such as Power Automate Desktop, Automation Anywhere and UiPath StudioX etc. to develop robots through a blend of 80% hands-on exercises, real-world case studies, and engaging assignments and 20% knowledge and concept sharing.

Details	Mastering Intelligent Automation with Robotics and Artificial Intelligence
CPD Hours	44
Class room	42 Hours
Practice Session	02 Hours
Dates	Class commencement date is <b>5<sup>th</sup> of April 2026 (Tentative)</b> .
Time	Online via Zoom Saturday – Sunday: 2:00 PM to 5:00 PM (PST) (The ICAP management reserves the right to change the schedule due to sudden holiday or for unforeseen reasons)
Course Pre-Requisite	Participants should have access to a computer with <b>windows 10 or 11 installed</b> . Access to automation tools including • <b>Power Automate (Desktop &amp; Cloud)</b> , • <b>UiPath StudioX</b> , • <b>Automation Anywhere (IBM)</b> , & <b>FastAccounts</b> will be provided or accessible through online platforms.
Course Guidelines	Camera to be turned ON during the lecture for attendance. In case the camera is turned on and the participant is not available he/she will be marked absent. Minimum 75% attendance is to be maintained to be eligible for the assessment. Training Certificate will be awarded to participants meeting passing criteria for the assessment.



## Who Should Attend?

- This course is tailored for Chartered Accountants, finance professionals, auditors, tax consultants, business professionals and risk management experts. It is ideal for both beginners and intermediate-level professionals with a foundational understanding of financial and operational processes.
- Given the target audience, the course will focus on use cases and activities specifically related to finance, accounting, auditing, taxation, risk management, and compliance. However, once participants become proficient with the RPA tool, they will be equipped to apply it to a wide range of tasks, whether in finance and accounting or other areas such as business operations, marketing, sales, quality assurance, HR, and beyond.

## Learning Outcomes:

Upon completion of the program, participants will be able to:

- Understand basics of Artificial Intelligence and its integration with Robotic Process Automation for intelligent automation.
- Gain a solid understanding of RPA fundamentals and its significance in finance, audit, compliance, taxation and risk management.
- Identify common use cases for RPA in automating repetitive tasks across various domains, enhancing efficiency and accuracy.
- Develop robots for automating all of day-to-day routine activities, involving digital devices, to improve efficiency and enhance accuracy of processes.
- Streamline data entry and extraction processes, integrating data from diverse sources seamlessly.
- Accelerate financial data analysis and reporting, leveraging RPA for insights and visualizations.
- Automate audit and compliance monitoring processes with automated bots, reducing manual effort and enhancing accuracy.
- Learn to automate the automation process i.e. developing robots using recorder.
- Automate data movements between different accounting and finance applications.
- Simplify tax return filing processes using RPA for data collection, calculations, and submission.
- Automate email communication and implement rules for efficient email management, including sending and processing received emails.
- Utilize web scraping techniques for automated data collection from public websites, for data analysis and use in accounting systems.
- Using Generative AI for developing machine learning models for financial forecasting and automating execution of Python scripts through Robotic Process Automation.
- Training pre-built Artificial Intelligence models on unstructured data using AI Hub of Power Automate, for intelligent automation.



## Domain 1: Foundations of AI, Machine Learning, and Intelligent Automation

### Key Outcomes:



AI Overview



Custom vs. Pre-Built Machine Learning Models



AI Tools & Platforms



Popular RPA Tools



Automation & RPA Introduction



Development of Bots for Sales invoice and Data Extraction

This module lays the groundwork for applying AI and automation to real-world business scenarios.

## Domain 2: Advanced Automation with RPA and Data Management

### Key Outcomes:



Email Automation



Excel Automation & Data Analysis



Conditional Workflows for Manual Inputs



Web Data Extraction Automation

This module will empower participants to automate complex workflows, enhancing efficiency and precision in both email management and data processing.





## Domain 3: Automation of Tax, ERP Systems, and Document Processing

### Key Outcomes:



**Tax Return Filing Automation**



**ERP and Window Application Automation**



**Bot Development Using Recorder**



**PDF Data Extraction Automation**



**MS Word Data Extraction and Processing**

This module provides the tools and skills to automate complex processes across tax systems, enterprise software, and document handling, significantly reducing manual workload and increasing operational efficiency.

## Domain 4: AI-Driven Automation and Advanced Financial Forecasting

### Key Outcomes:



**Web Automation with UiPath StudioX & Automation Anywhere**



**AI-Powered Data Extraction with AI Hub**



**Generative AI for Financial Forecasting**

This module equips participants with advanced skills in AI-driven automation, machine learning for financial forecasting, and intelligent data extraction, preparing them to lead in digital transformation initiatives across finance and accounting sectors.

## Program Trainer



**Faizan Irshad, FCA**  
Data Scientist

Faizan Irshad is a Fellow Chartered Accountant (FCA) with over 17 years of diverse experience across the banking, finance, and other sectors. Currently serving as the Group Head of Audit at Allied Bank Limited, Faizan combines his deep domain expertise with advanced technologies to deliver innovative solutions to complex business challenges.

Faizan also holds an MS in Data Sciences, integrating industry knowledge with cutting-edge technologies such as Machine Learning, Deep Learning, and Big Data. Proficient in programming languages like Python and R, he applies these tools to develop data-driven insights and drive operational efficiencies. Faizan also holds “UiPath” specialization in Robotic Process Automation and certification in Microsoft Power Platform.

Faizan has vast experience of training professionals in the areas of Artificial Intelligence, Python, Robotic Process Automation, Power BI, SQL, Big Data, blockchain and more. Faizan has also been awarded with Professional Excellence Award by Institute of Chartered Accountants of Pakistan.



## Program Advisor



**Abdul Rauf (FCA, MBA)**

Abdul Rauf is a Fellow of the Institute of Chartered Accountants of Pakistan (ICAP) and holds an Executive MBA degree. With over 20 years of experience in business advisory and professional consulting, he is the Founder and CEO of Bizware Private Limited, where he leads Robotic Process Automation (RPA) and AI-Enabled Data Analytics consulting as well as functional consulting for developing core business solutions. He is also spearheading IT-related startups, including Amana—an NGO management software, and Evolve Learning Hub—an EdTech initiative that specializes in experiential learning through workplace-based simulations.

Abdul Rauf currently serves as an Adjunct Faculty Member, teaching courses on Accounting for Islamic Financial Institutions, Auditing, and Strategic Management Accounting and Control Systems. He also co-teaches courses in AI-Enabled Data Analytics for Accountants and Auditors and Financial Information Systems, reflecting his commitment to integrating technology into finance education. He is also an author, having written "Accounting for Islamic Financial Institutions," published by Routledge, UK.

Note:

1. The charges are exclusive of taxes.
2. Seat will be allocated on first-come-first-serve basis.
3. The above cost includes reading material and videos non downloadable, and first time Assessment Charges. Additional charges will be charged for second attempt.
4. The training material (Recordings, Manual, Class files) shall only be accessible for the duration of the training program.
5. Late/Re-assessment will be conducted in the next available module.
6. Certificate will be issued after passing of the assessment and having the 75% attendance.

### Marking Criteria:

On going class quizzes, homework and surprise assignments will also be marked and will be a part of overall passing marks.

### REGISTRATION WILL ONLY BE SUBJECT TO RECEIPT OF PAYMENT

Registrations are on first come first serve basis, subject to payment only, and registrations will be closed as soon as the class size is filled.

**Members / Affiliates / Students  
Fee: 65,000 plus tax**

**Non Members Fee: 80,000 plus tax**

