Course Title: AI for Chartered Accountants (AICA)-Level 1

Participants	Chartered Accountants
Location	Plot No. 10 & 11, Road No. 2, I.T Park, Financial District, Gachibowli, Nanakramguda, Telangana 500032
Accommodation	**Accommodation at ICAI COE Hyderabad** Double occupancy accommodation with food is available, subject to availability and additional cost. For queries, please email: **coehyd@icai.in**
Pre-Requisites	Basic Computer and Microsoft Office Knowledge: Concept of basic Finance, Audit and Statistics, Problem Solving Skills. Note: ICAI will provide participants with study materials and learning content in advance. Participants are required to bring their own laptops. (Minimum Configuration of Laptop Windows 11, 8 GB RAM, i3 Processor)
Course Objective	To develop a foundational understanding of AI concepts, enhance proficiency in using AI tools relevant to both practitioners and industry professionals, and build AI skills to effectively leverage AI technologies in professional practices.
Course Duration:	3 Days
Course Fee	5000+GST/-
Teaching Methods: (Physical-Class Room)	The Teaching methodology in the physical classroom will encompass lectures and presentations, interactive discussions, practical exercises, and hands-on sessions. Participants will engage in a capstone project for an immersive learning experience, incorporating real-life AI applications in finance and audit practices. Additionally, group projects and case study analyses will be used to enhance participant engagement and understanding.
Assessment Methods:	• Quizzes and Assignments. • Group Project presentation. • Final exam
CPE Hours	18 (Structured)
Certificate	AI for Chartered Accountants (AICA)-Level1
Future Roadmap	ICAI plan to Introduce 2 More level of AI Certification Course AICA-Level2 & AICA-Level-3
Assessment Test:	**Final Test Structure:** **Module A:** Objective Paper - 30 Marks (10 Marks on Each Day) **Passing Marks**- 15 Marks (5 Marks on Each Day) **Module B:** 5-Minute Group Presentation of Use Case Demonstration – 20 Marks (4 Participants per Group) **Passing Marks-** 10 Marks All participants in the batch will be divided into groups of four, based on the alphabetical order of their first names. Each group will be invited to give a 5-minute presentation starting from 4:00 PM Onwards on day-3. Use cases will be provided to each group in advance tentatively at the end of Day 2, allowing time for preparation before the scheduled presentations.
Helpline	**ai@icai.in** 9910568125 (WhatsApp)

Course Modules

Particular	Details
Module 1 (Day-1) 2 Hrs 11	**Overview of AI & Basic Concepts** Why this course for CA Block Chain, Cloud Computing, Dx for Accounting, Ethics, Robotic Process Automation (RPA), Internet of things (IoT), World Wide Web.
Module 2 (Day-1) 2 Hrs	**Introduction to AI** Overview of Digital Transformation and AI. Discussion on use case creation Overview of emerging technologies. How digital changes will impact chartered accountants. Introduction to AI technologies impacting Finance & Audit. Evolution of AI in professional fields (e.g., machine learning, natural language processing).
Module 3 (Day-1) 2 Hrs	**Machine Learning Basic** Understanding data types and Structure. Introduction to Machine Learning Concepts. Basic algorithms relevant to Finance & Audit.
Objective Test-1 (Day-1) 15 Minutes	**Module A:** Objective Test Paper -1 (15 Minutes)- Module 1, 2 & 3 **Total Marks-**10 **Passing Marks-**5 **Mode:** Online
Module 4 (Day-2) 2 Hrs	**Dx for Accounting** Tools and techniques for data analysis in Finance & Audit. Case studies on data-driven decision-making. Hands-on exercise with a popular Dx for Accounting tool. AI Use Cases for Members in Practice & Industry.
Module 5 (Day-2) 2 Hrs	**Natural Language Processing (NLP) in Finance & Audit** Generative AI in Finance & Audit. Understanding NLP and its applications in Finance & Audit. Automated document analysis and report generation. Case study: AI-driven tax and regulatory updates. Practical use cases and demonstrations. Automation of Transactional processed using AI.
Module 6 (Day-2) 2 Hrs	**AI and ML application in Finance** Practical applications of AI & ML Concepts in the Finance Sector. Reporting and Dashboard. Fraud detection through pattern recognition. Predictive analytics in Financial Forecasting.
Objective Test-2 (Day-2) 15 Minutes	**Module A:** Objective Test Paper -1 (15 Minutes)- Module 4, 5 & 6 **Total Marks-**10 **Passing Marks-**5 **Mode:** Online
Use Case Demonstration (Day-2)	**Module B:** Recording of 5 Minutes Presentation on Use Case Demonstration- 20 Marks **Passing Marks-** 10 Marks **Participants would be given the Use case at the end of Day-**2, So that they can record the 5 Minutes Presentation on Use Case Demonstration and upload the same on ai.icai.org portal by 9 PM on Day-2.

Module 7 **(Day-3)** 2 Hrs	**Implementing AI Projects in Finance & Audit** Steps for starting AI projects in finance. Managing AI project lifecycle: from planning to evaluation. Group project: Designing a small AI solution for Finance & Audit problem.
Module 8 (Day-3) 1 Hrs	**AI in Auditing & Tax** AI tools for risk assessment and compliance. Continuous auditing and real-time reporting systems.
Module 9 **(Day-3)** 2 Hrs	**Ethical Considerations and Future Trends** Ethical issues and governance in AI applications. Responsible AI in alignment with government guidelines. Future trends in AI and Finance & Audit. Recap and examination. Include ISO 42001 for AI in business society. Consider ISO 23894:2023 for AI risk.
Use case **Presentation** **5 Minutes** **per team of 4** **people** (Day-3) 120 Minutes	All participants in the batch will be divided into groups of four, based on the alphabetical order of their first names. Each group will be invited to give a 5-minute presentation starting from 4:00 PM Onwards. Use cases will be provided to each group in advance tentatively at the end of Day 2, allowing time for preparation before the scheduled presentations.
AI in ICAI **Updates**	Website: https://ai.icai.org/ **Twitter (Scan QR Code)** **WhatsApp (Scan QR Code)**