



ICMAI
The Institute of
Cost Accountants of India
(Statutory Body under an Act of Parliament)
www.icmai.in



The Institute of Cost Accountants of India ICMAI AI Strategy & Capacity Building Committee

Announces First Batch of

CMA AI Pravesha

Deep-Dive into Artificial Intelligence and Machine Learning

Brochure

5th & 6th March 2025 (Online mode)

14th - 16th March 2025 (Physical Mode)

CMA Bhawan - Pune, Lane No 2, Canal Road, Near Vikas Mitra Mandal Chowk
Karve Nagar, Pune - 411052



CMA Bibhuti Bhusan Nayak
President, ICMAI



CMA TCA Srinivasa Prasad
Vice President, ICMAI



CMA Neeraj Dhananjay Joshi
Chairman
Committee on Artificial Intelligence, ICMAI

Course Fee:
₹8,000 plus GST (As applicable)

Behind every successful business decision, there is always a **CMA**



About The Institute

The Institute of Cost Accountants of India (ICMAI) is a statutory body set up under an Act of Parliament in the year 1959. The Institute as a part of its obligation, regulates the profession of Cost and Management Accountancy, enrolls students for its courses, provides coaching facilities to the students, organizes professional development programmes for the members and undertakes research programmes in the field of Cost and Management Accountancy. The Institute pursues the vision of cost competitiveness, cost management, efficient use of resources and structured approach to cost accounting as the key drivers of the profession. In today's world, the profession of conventional accounting and auditing has taken a back seat and cost and management accountants increasingly contributing towards the management of scarce resources like funds, land and apply strategic decisions. This has opened up further scope and tremendous opportunities for cost accountants in India and abroad.

International Affiliation

The Institute is a founder member of International Federation of Accountants (IFAC), Confederation of Asian and Pacific Accountants (CAPA) and South Asian Federation of Accountants (SAFA). The Institute is also an Associate Member of ASEAN Federation of Accountants (AFA) and member in the Council of International Integrated Reporting Council (IIRC), UK.

Institute's Network

Institute's headquarters is situated at Kolkata with another office at New Delhi. The Institute operates through four Regional Councils at Kolkata, Chennai, Delhi and Mumbai as well as through 117 Chapters situated in India, 11 Overseas Centres abroad, 2 Centres of Excellence, 61 CMA Support Centres and 401 Recognized Oral Coaching Centres.

Institute's Strength

The Institute is the largest Cost & Management Accounting body in the World, having a large base of about 1,00,000 CMAs either in practice or in employment and around 5,00,000 students pursuing the CMA Course.

Vision Statement

"The Institute of Cost Accountants of India would be the preferred source of resources and professionals for the financial leadership of enterprises globally."

Mission Statement

"The Cost and Management Accountant professionals would ethically drive enterprises globally by creating value to stakeholders in the socio-economic context through competencies drawn from the integration of strategy, management and accounting."

About the Workshop

This five-day training workshop is particularly designed for CMAs. The primary goal is to introduce the participants to the core concepts of Artificial Intelligence (AI), Machine Learning (ML) and Deep Learning (DL) in easy-to-understand terms and provide them with ways of incorporating AI ML and DL in their work by providing useful and relevant case studies. Detailed hands-on training with relevant data will also be conducted.

Course Objectives

Equip CMA professionals with practical AI/ML knowledge, tailored to their role in cost analysis, financial forecasting, and strategic decision-making. This workshop will blend theoretical insights with hands-on sessions, focusing on AI as a tool for enhancing efficiency and precision in financial operations.

Course Details

It will be a 5-day course. First 2 days will be in Online Mode and the next 3 days will be in physical mode. The total duration of the course will be 24 hrs. The faculty will be experts in the domain of AI-ML. Participants shall carry their own laptops. The batch size will be limited to 40 considering the requirement of training. Admission will be on first come first served basis. Certification of Participation will be issued to the participants after successful completion of the training.

For Whom

CMA Members

Sessions Details

Particulars	Session Time
Day 1 (Online) : Session 1	10.00 am – 12.00 pm
Foundations of AI for Cost Accounting <ul style="list-style-type: none"> • Introduction to AI and ML Concepts <ul style="list-style-type: none"> ➤ Relevance of AI in cost management and financial decision-making. ➤ Data lifecycle in finance: Preparation, validation, and modeling. • AI's Possibilities in Accounting <ul style="list-style-type: none"> ➤ Applications such as automated reporting, cost allocation, and budgeting. ➤ A glimpse into the future: Agentic AI and Large Language Models (LLMs). • Ethics in AI <ul style="list-style-type: none"> ➤ Risk management: Addressing biases, data security, and compliance. ➤ Guardrails for ethical AI implementation in accounting practices 	
Day 1 (Online) : Session 2	01.00 pm – 03.00 pm
<ul style="list-style-type: none"> • Prediction and Forecasting Techniques in Finance <ul style="list-style-type: none"> ➤ Regression models for predictions and forecasting. ➤ Classification techniques for fraud detection and risk analysis. ➤ Tools and Techniques 	
Day 2 (Online) : Session 1	10.00 am – 12.00 pm
<ul style="list-style-type: none"> • Clustering and Segmentation Techniques <ul style="list-style-type: none"> ➤ Clustering methods for identifying cost drivers and customer behaviour ➤ Anomaly detection for fraud prevention. ➤ Feature selection and dimensionality reduction ➤ Tools and Techniques 	
Day 2 (Online) : Session 2	01.00 pm – 03.00 pm
<ul style="list-style-type: none"> • Hands-On Session <ul style="list-style-type: none"> ➤ Using AI tools for practical prediction tasks tailored to cost management. 	
Day 3 (Physical) : Session 1	09.30 am – 11.30 am
<ul style="list-style-type: none"> • Advanced AI Techniques <ul style="list-style-type: none"> ➤ Financial document analysis with neural networks, data preparation from documents. ➤ Trend predictions using Recurrent Neural Networks (RNNs). ➤ Tools and Techniques 	
Day 3 (Physical) : Session 2	12.00 pm – 02.00 pm
<ul style="list-style-type: none"> • Natural Language Processing (NLP) for Financial Insights <ul style="list-style-type: none"> ➤ Automating report generation and compliance reviews. ➤ Text summarization ➤ Chatbots for specific tasks ➤ Tools and Techniques 	
Day 3 (Physical) : Session 3	03.00 pm – 05.00 pm
<ul style="list-style-type: none"> • Hands-on Session <ul style="list-style-type: none"> ➤ Case study: Using AI for segmentation tasks 	
Day 4 (Physical) : Session 1	10.00 am – 12.30 pm
<ul style="list-style-type: none"> • Generative AI in Accounting <ul style="list-style-type: none"> ➤ Applications of AI chatbots for query resolution and audit assistance. ➤ LLM applications for CMA and prompt Engineering ➤ Tools and Techniques 	
Day 4 (Physical) : Session 2	01.30 pm – 04.00 pm
<ul style="list-style-type: none"> • Processing Financial Data <ul style="list-style-type: none"> ➤ Best practices for leveraging AI to enhance accuracy in financial datasets. ➤ Identify suitable datasets and applications. ➤ Tools and Techniques 	



Day 4 (Physical) : Session 3	04.30 pm – 05.00 pm
<ul style="list-style-type: none">• MCQ Test	
Day 5 (Physical) : Session 1	10.00 am – 12.00 pm
<ul style="list-style-type: none">• Case Studies in AI for CMAs<ul style="list-style-type: none">➤ Fraud detection, financial forecasting, and cost optimization.➤ Risk management and predictive modelling➤ Smart Analytics	
Day 5 (Physical) : Session 2	12.30 pm – 01.00 pm
<ul style="list-style-type: none">• Test	
Day 5 (Physical) : Session 3	02.00 pm – 04.00 pm
<ul style="list-style-type: none">• Interactive Session<ul style="list-style-type: none">➤ Discussing domain-specific challenges and AI-driven solutions.• Outcome and Next Steps:<ul style="list-style-type: none">➤ Understanding AI's impact on cost management.➤ Developing strategies to integrate AI tools into accounting practices.	
Day 5 (Physical) : Session 4 : Distribution of the Certificates	04.00 pm – 04.30 pm

Requirements of Specific Tools for the conduct of these training sessions

1. Own laptop
2. Google Account

Link for Registration

<https://eicmai.in/OCMAC/AI/DelegatesApplicationForm-AI.aspx>

Future Batches: Delhi, Chennai, Kolkata (dates will be declared soon)

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