BROCHURE

8TH BATCH

ONLINE

CERTIFICATE COURSE IN

# INVESTMENT MANAGEMENT

(With Exclusive Hands on Trading in Algo and Trading Analytics Lab)

Banking, Financial Services & Insurance Board

**THE INSTITUTE OF COST ACCOUNTANTS OF INDIA**

Statutory Body under an Act of Parliament

www.icmai.in

NiSM NATIONAL INSTITUTE OF SECURITIES MARKETS An Educational Initiative of SEBI

**NATIONAL INSTITUTE OF SECURITIES MARKETS (NISM)**

www.nism.ac.in

Behind Every Successful Business Decision, there is always a **CMA**

# About ICAI

The Institute of Cost Accountants of India was first established in 1944 as a registered company under the Companies Act with the objects of promoting, regulating and developing the profession of Cost Accountancy. On 28th May, 1959, the Institute was established by a special Act of Parliament, namely, t he Cost and Works Accountants Act, 1959 as a statutory professional body for the regulation of the profession of Cost and Management accountancy. The Institute is under the administrative control of Ministry of Corporate Affairs, Government of India.

The Institute has since been continuously contributing to the growth of the industrial and economic climate of the country. The Institute is the only recognised statutory professional organisation and licensing body in India specialising exclusively in Cost and Management Accountancy.

## International Affiliation

The Institute of Cost Accountants of India is Founder member of International Federation of Accountants (IFAC), Confederation of Asian & Pacific Accountants (CAPA) & South Asian Federation of Accountants (SAFA). The Institute, being the only institution from India, is a member of the Accounting Bodies Network (ABN) of The Prince's Accounting for Sustainability (A4S) Project, UK and International Valuation Standards Council (IVSC), UK.

## Institute's Strength

The Institute is the 2nd largest Cost & Management Accounting body in the World and the largest in Asia, having a large base of about 85,000 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."

## 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 110 Chapters situated in India, 11 Overseas Centres abroad, 2 Centres of Excellence, 52 CMA Support Centres and 434 Recognized Oral Coaching Centres.

# About NISM

The National Institute of Securities Markets (NISM) is a public trust established in 2006 by the Securities and Exchange Board of India (SEBI), the regulator of the securities markets in India. The institute carries out a wide range of capacity building activities at various levels aimed at enhancing the quality standards in securities markets. The institute's six schools of excellence work in synergy towards professionalized securities markets.

## Vision

To lead, catalyze and deliver educational initiatives to enhance the quality of securities markets.

## Mission

To engage in capacity building among the stakeholders in the securities markets through financial literacy, professional education, enhancing governance standards and fostering policy research.

# ONLINE CERTIFICATE COURSE IN INVESTMENT MANAGEMENT

(With Exclusive Hands on Trading in Algo and Trading Analytics Lab)

## Course Objective

The course aims at providing a better understanding of the Investment decision making process and strategies for investment, with emphasis on equities, equity derivatives and mutual fund investments. The course helps to develop fundamental skills for successful investment by providing insights into how the models can be applied in the real world dynamic environment with the objective of maximising returns and minimising risk. Provides an exposure to trading simulations through the NISM Algo and Trading Analytics lab.

## Course Content

The course is divided into **3 levels.** Each level can be taken separately and completed based on the needs and priorities of the participants. The contact classes and hands on practice time for **each level** will be **30 hours.** All three levels put together aim at providing a holistic view of investment management and help in preparing for different roles offered by capital market intermediaries.

The Bridge course is meant to introduce the securities markets basics to participants who are not conversant with the same. The bridge course will provide an overview of Financial markets, investible assets, the concept of risk and return and financial ratios for investment evaluation. The duration of the **bridge course** will be for about **6 hours.**

### Stock Selection and Trading in Equity – Level I

- Stock picking and investing styles
- Equity Market operations and concepts
- Lab based sessions on order execution, order and trade management and queries.
- Risk management framework and client level investment risk management

### Technical Analysis and Mutual Fund – Level II

- Chart types and Chart construction
- Patterns and indicators- trend, momentum, volatility, oscillators.
- Strategy building and backtesting - reading reports.
- Hands on session covering above concepts
- Mutual funds - introduction, products, investment goals - how to pick mutual funds for investment needs using case studies

### Basic Derivatives and Derivatives Trading Strategies – Level III

- Introduction, derivative products - futures and options.
- Equity futures - pricing, trading strategies, hedging using futures
- Equity options - Strategies for option buyers and use of option greeks
- Strategies for option writer and use of option greeks
- Hands on session - building derivative strategies for bull, bear and consolidating market phases and execution

## Course Takeaways

- At the end of Level I the participant will be able to pick stocks for investment and also execute those decisions efficiently through online trading terminals. The participant will also understand risk and capital required for trading in equity cash markets.
- Level II will help in timing the execution of investment decisions using technical tools. Understand major patterns and indicators and predict trends. Overview of Mutual Fund schemes and how to select Mutual Fund schemes for investment.
- Level III will build basic understanding of derivatives and also help in understanding and applying strategies for different market regimes like bull markets, bear markets and markets in consolidation mode.

### For YOU

- Understand online trading operations and how markets work
- Using technical indicators to predict market trends
- Formulate investment strategies (equity and equity derivatives), apply and maximise profits with reduced risk
- Explore new strategies and apply in the real world simulation environment
- Understand the impact of events and news on markets
- Minimise the impact of volatility and manage risk

### For Your COMPANY

- Prepare for roles like "dealer desk" and client management in broking firms
- Proficiency in dealing with both equity and equity derivatives
- Improve the potential to execute and manage trades and positions across both equity and equity derivatives more effectively
- Understand the risk management framework

## Eligibility

- Students pursuing CMA Course (Foundation/ Intermediate/Final)
- Qualified CMAs and members of the Institute of Cost Accountants
- Student with non-commerce or non-accounting bachelor's degree will have to enrol for bridge Course

## Course Fees

| Sl. No. | Particulars | Proposed Course Fees (Rs.) | |
|---|---|---|---|
| | | Members or Others | Students |
| 1. | Investment Management (Level – I) | 4,000 | 3,600 |
| 2. | Investment Management (Level – II) | 6,000 | 5,400 |
| 3. | Investment Management (Level – III) | 9,000 | 8,100 |

# GST of 18% is applicable on the basic rate

*Details of Payment is stated in BFSI Portal of the Institute's website.*

## Key Features

- Delivered online through WebEx platform by experienced faculty from NISM
- Webex platform Offers opportunity for participant interaction and Q&A through chat box, questions etc
- Exposes the participants to the dynamic trading environment through lab based sessions
- Brings real world experiential learning to the classroom
- Course offers unique hands on trading and investment experience through the Algo and Trading Analytics lab
- Access to the Algo and Trading Analytics Labfor a period of 4 weeks for self-study, assignment and hands on practice sessions as per market working hours on working days and Saturdays.
- Rigour maintained through periodic assessment – online quiz and lab based assignments

## Assessment for Each Level

- Quiz – online quiz with weightage of 60%
- Assignment – With weightage of 40%

**Certificate of Completion** – Will be issued to those participants who complete the assessment with minimum of 50% marks in aggregate.

## Detailed Course Outline for Each Level (Level I/II/III)

### Stock Selection and Trading in Equity - Level I

The Level I is a foundation level program for Investment management professionals. It blends the methods of valuation of equity and identifying stocks for investment with the process of execution of the investment idea through trading terminals. The course combines investment decision making with trading operations covering both the idea and the execution aspects of investment.

#### Objectives

- Understand the methods for valuation for equity and investment decision making styles – value and growth investing.
- Understand the nuances of operations in equity cash markets – trading, order matching,
- Session in a market and global market structure.
- To provide an overview of trading operations and market operations, across Equity cash segments
- From a dealer role perspective enable the participants with hands on sessions on trading in equity cash markets with emphasis on order punching, trade and position Management and understanding of trading strategies.
- Understand Risk management at client level and exchange level.

#### Content

The program is designed as an intensive practical program spread across 30 hours of online sessions, hands on sessions in lab and self paced explore the lab sessions. The following topics will be covered:

- Overview of Financial Markets – Institutions and instruments
- Investment in Equity – Valuation methods, models and investment styles
- Trading basics Equity Cash Markets – Products, Concept, trading clearing and settlement process, order matching Rules and trading operations with emphasis on order and trade management.

- Lab based session – Getting started, Order and trade management, position management
- and queries and trading strategies
- Extensive hands on sessions on understanding client level risk, news based trading sessions and case studies using live and recorded data.
- Risk Management at client and exchange level – Margins, circuit breakers, price limits, minimum capital etc.
- Global Market micro structure - overview

### Assessment

Quiz – online quiz with weightage of 60%
Assignment – With weightage of 40%

Certificate of completion – Will be issued to those participants who complete the assessment with minimum of 50% marks in aggregate.

## Technical Analysis & Mutual Fund - Level II

Level II is structured to provide insights into technical analysis as a tool to time the execution of equity investment decisions so as to buy low and sell high. The course blends the understanding of different indicators like trend, volatility, Momentum and combinations of the above indicators, back test the same on historical data, improve the strategy and create profitable strategies that are ready to implement in the markets.

### Pre-requisite

Good understanding of the trading process, trading operations, margining system, cash market products and fundamental valuation methods is required. – Level I on equity valuation and trading in equity is a desirable pre-requisite for this program.

### Objectives

To understand the importance of technical analysis, different indicators and patterns. To prepare the trading strategy and the set up for intra day trading or short term trading. To apply the strategies developed in real markets and understand the effectiveness of the strategies developed.

### Content

The program is designed as an intensive practical program spread across 20 hours of online sessions, hands on sessions in lab and self paced explore the lab sessions. The following topics will be covered:

- Overview of Financial Markets – trading operations, Introduction to Technical Analysis
- Chart types and chart construction
- Support, Resistance, Patterns
- Trend indicators, Momentum indicators, Oscillators and Volatility Indicators. Using combination of indicators for strategy.
- Dow and Elliot wave theory
- Hands on session on building and application of different indicators, forming strategies and backtesting strategies
- Hands on sessions on reading backtesting reports and arriving at profit maximisation trading strategies
- Risk management – Stop loss, trailing stop loss, Risk reward ratio
- To choose Mutual Fund schemes for investment

### Assessment

- Quiz – online quiz with weightage of 60%
- Assignment – With weightage of 40%

Certificate of completion – Will be issued to those participants who complete the assessment with minimum of 50% marks in aggregate.

## Basic Derivatives and Derivatives Trading Strategies - Level III

This level covers basics of equity derivatives and also provides an understanding of derivative trading strategies. It blends strategies that combine cash market with futures and options to create winning trades across bullish, bearish and consolidation phases of the market. This level provides unique and practical understanding of options, option greeks. Using options for trading and hedging. Provides an understanding of how to trade volatility and use time decay for trading profitably. Live hands on session in the lab supported by price calculators – that incorporate volatility and time factors is included in the study.

### Pre-requisite

An understanding of trading, trading operations related to cash markets and technical analysis will be very useful to learn, position and manage derivative trading strategies.

Level I on equity trading is an essential prerequisite for this level. Level II on technical analysis will help the participants to make superior decisions.

### Objectives

Understand the equity derivatives basics and advanced concepts. Valuation of derivatives futures and options. Option writing – Option greeks: role in trading and trading strategies. Derivative trading strategies for bullish, bearish markets and markets in consolidation phase. Application of the strategies in live market environment and understand the implications.

### Content

The program is designed as an intensive practical program spread across 30 hours of online sessions, hands on sessions in lab and self-paced explore the lab sessions. The following topics will be covered:

- Introduction to Derivatives – derivative products: Index and stock, futures, forwards, options – types, need for derivatives. Terminology.
- Derivative market operations: Trading, clearing and settlement- Mark to Market and expiry pay off. Regulatory framework – Eligibility, Market wide position limits, Roll over, open interest, impact cost.
- Futures – pricing of future contracts, Pay off diagrams, trading and hedging using futures.
- Options – types, terminology, simple trading and hedging strategies using options. Valuation or pricing of options. Pay off diagrams, put call parity, Option analytics; volatility trading and time decay.
- Hands on session in lab on trading using combination of equity cash, futures and options based strategies. Bullish and bearish market strategies. Application of volatility trading and time decay.

### Assessment

- Quiz – online quiz with weightage of 60%
- Assignment – With weightage of 40%

Certificate of completion – Will be issued to those participants who complete the assessment with minimum of 50% marks in aggregate

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**Online Admission Portal Link:**
***https://eicmai.in/advscc/DelegatesApplicationForm-New.aspx***

**For more details**

Course Coordinator from BFSI Department


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***Also, the program will be on webex platform and software is accessible on Windows Operating System of 7 and above. Good internet connectivity is a must for participants and connection must be through desktop/laptop.***


**Banking, Financial Services & Insurance Board**
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Statutory Body under an Act of Parliament
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