

CERTIFICATE COURSE IN CURRENCY AND COMMODITY DERIVATIVES MARKETS

100 Hours of Extensive Training with
Live Trading Exercise



Beneficial to:
Traders
Treasury Employees
Research Analysts
Arbitragers
Investors
Management Students

WEEKDAY BATCH

WEEKEND BATCH

20-DAY FAST TRACK BATCH

Financial Technologies Knowledge Management Company Limited (FTKMC) enjoys the distinction of being a leading provider of solutions and services in the realm of financial sector knowledge. FTKMC is engaged in the design of domain knowledge across major asset classes and offers numerous products and services in the realm of executive education, financial literacy, financial certification, research, consultancy, and advisory.

FTKMC is a fully owned subsidiary of **Financial Technologies (India) Limited**, a leading solutions provider in the Indian exchange industry, which runs some of the most successful exchange industry ventures in India, such as **Multi Commodity Exchange of India Limited (MCX)**, India's No. 1 commodity exchange; **Indian Energy Exchange Limited (IEX)** for trading in electricity; and **National Spot Exchange Limited** for spot trading in commodities. Other ecosystem ventures include **TickerPlant Limited** for financial data distribution, **National Bulk Handling Corporation Limited (NBHC)** for warehousing, and **Atom Technologies Limited** for mobile payment solutions. The Financial Technologies Group has also set up state-of-the-art exchange institutions abroad, such as **Singapore Mercantile Exchange**, **Dubai Gold and Commodity Exchange**, **Bahrain Financial Exchange**, **Global Board of Trade** in Mauritius, and **Bourse Africa** in Botswana.

FTKMC caters to the following major constituencies: **policy makers and regulatory authorities** on subjects such as growing importance of financial markets in the economy and aspects of governance and management; **financial institutions** on market development strategies, resource mobilization, and risk management; **corporates and other business entities** on the scope of harnessing and accessing financial markets and issuing securities and other instruments; **intermediaries** on the skill-sets and expertise required to operate in multi-asset-class markets, including trading and settlement; **students** to prepare them with knowledge and know-how for successful careers in financial markets; and **investors** to empower them with proper understanding and appreciation of the opportunities in the financial markets and risk and rewards associated with financial investments.

FTKMC has carried out knowledge management projects in China, Singapore, Maldives, Kenya, Ethiopia, and Mauritius in addition to numerous corporates and financial institutions in India. FTKMC has successfully conducted nationwide programmes providing research, training and consultancy services in promotion of market development in major segments such as commodity and currency futures, as also extensive content development in the financial markets.

For more information, please visit www.ftkmc.com

Overview

In the fast-paced world of financial derivatives markets, it is important to develop domain knowledge expertise in quantitative and qualitative analytical skills. Increasing inter-linkages and inter-dependencies across global markets has necessitated a multi-dimensional approach for understanding the dynamics of volatility in different asset classes. This is particularly relevant in India, which witnessed rapid growth in recent period in commodity and currency derivatives markets on exchange platform.

National-level commodity derivatives exchanges were launched in 2003. More recently, in 2008, trading in currency futures was launched successfully on national-level stock exchanges. With more than Rs 80 lakh crore of turnover in FY10, commodity futures market is poised to grow by leaps and bounds. What is even more remarkable is that volumes of currency futures on Indian exchanges, USDINR, EURINR, GBPINR and JPYINR futures turnover has touched Rs 16,000 crore (single side). The high rate of growth in both these markets offers excellent career opportunities for budding professionals in the areas of dealing, jobbing, trading, research and analysis, advisory, and consultancy services.

To provide a unique range of programmes, **Financial Technologies Knowledge Management Company Limited (FTKMC)**, Mumbai, designed a 100 hours' course: **Certificate Course in Currency and Commodity Derivatives Markets** for Traders, Dealers, Treasury Managers, Research Analysts, Investors and other market participants, including aspiring students. The course provides an opportunity to understand the functioning of the markets, their inter-linkages with different asset classes, fundamental factors impacting price volatility, hedging, trading strategies, etc. This programme will prepare participants for careers in currency and commodity markets, treasury management, investment banking, research and analysis, portfolio management, etc. It will provide participants with advanced skills in the application of concept and theory that are required in today's competitive currency and commodity markets ecosystem.

A lecture in progress



Objective

- Develop quantitative and qualitative analytical skills.
- Obtain domain knowledge expertise in commodity and currency derivatives markets.
- Understand the inter-linkages of different asset classes such as commodity, equity, currency, and debt markets.
- Know the mechanics of global commodity and currency markets, with special emphasis on fundamental and technical analyses.
- Apply theoretical concepts in risk management, with live case studies and examples.
- Learn to use trading software, with simulated trading exercises (mock trading) in commodity and currency futures.

Who Should Attend?

- Dealers, traders, and jobbers from securities markets
- Treasury employees of banks and corporates
- Research analysts in equity, commodity, currency, and debt markets
- Front-office, mid-office, and back-office personnel of brokerage firms
- Students who aspire to pursue a career in commodity and currency derivatives markets

Mode of Teaching

To understand application of theoretical concepts into actual practice, live case studies and examples shall be used extensively. Simulated trading software shall be used during the fundamental analysis to apply and evaluate trading and risk management strategies. The programme is conducted by faculty with rich practical as well as training / consultancy experience in their respective domains. Since the offerings of the programme are in a niche area, very few institutions have the kind of domain expertise and in-depth knowledge that FTKMC has cultivated over the years.

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Course Structure

Unit 1: Evolution of Commodity & Currency Markets and their Role in Development of Economy

- Introduction to global commodity markets and commodity ecosystem: Evolution and Significance of Commodity Markets & International Exchanges
- Introduction to currency markets and derivatives
- Spot Markets: Auction, Trading & Settlement
- Regulatory Framework: Policies, functions & rights

Unit 2: Exchange & Member's Operations and Governance

- Membership Criteria & Starting up a Trading Desk
- Commodity & Currency Exchange Operations
- Warehousing & Collateral Management
- Broking desk operations
- Understanding the Back office system
- Compliance & Inspection in Commodities & Currency Markets
- Accounting for Derivatives in Commodity & Currency Markets
- Warehousing & Collateral Management

Unit 3: Risk Management & Market Strategies

- Price Risk Management
- Spreads and Arbitrage (Cross)
- Options & Option Strategies

Unit 4: Fundamental Analysis

- Fundamental factors affecting US Dollar, Euro, GBP & YEN
- Fundamental Analysis of Bullion - Gold / Silver
- Fundamental Analysis of Ferrous and Non-Ferrous Metals - Copper/ Nickel/Tin/Lead/Zinc/Aluminium
- Fundamental Analysis of Energy - Crude Oil, Natural Gas, Gasoline, Heating Oil
- Fundamental Analysis of Major Agricultural Commodities - Refined Soy oil / Chilli
- Exotics in Commodity Markets: Carbon Financial Instruments, Freight Futures, Weather Derivatives, etc.

Unit 5: Technical & Quantative Analyses

- Technical Analysis: Concepts and Application in Commodity and Currency Markets
- Oscillators, Indexes & Studies: Concept & How to use them for forecasting
- Fibonacci, Elliot Wave, & Gann
- Statistical Analysis

Unit 6: Treasury Desk Operation, Security Analysis & Portfolio Management

- Corporate Treasury Desk: Operations, Strategies, Tools & Techniques
- Security Analysis and Portfolio Management

Unit 7: Customer Relationship & Networking

- How to build skills for customer relationship & networking in the financial markets

Unit 8: Market Phychology and Money Management

Unit 9: Simulation Exercise & Case Study

Prospectus and Application Form

The prospectus and application form can be downloaded from the website <http://www.ftkmc.com>.

Registration

The duly completed application form (hard copy) along with two passport size colour photographs should be sent to FTKMC, Mumbai. The form can be submitted by courier or in person along with a cheque / DD, for the fee, drawn in favour of '**FT Knowledge Management Company Limited**', payable in Mumbai. FTKMC reserves the right to accept or reject any application without assigning any reason.

Fees

The fee per participant for the Certificate Course in Currency and Commodity Derivatives Markets programme with is ₹25,000 plus service tax of 10.30%. The total amount is ₹27,575. This includes tuition and examination fee. Course material would be provided to all participants. The programme is non-residential in nature. Fee for international participants is US\$ 1,500 plus service tax of 10.30%. The total amount is US\$ 1,655.

Contact Details for Registration

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Evaluation and Award Certification

Students will be evaluated based on the following criteria:

- Class participation and prior preparation for the class
- Surprise quiz
- Self study assignments and project reports
- Final examination

Students need to obtain a minimum of 50% marks in the final examination to receive the certificate. Students will be awarded the certificate by FTKMC, Mumbai.

Programme Director

Mr Hitesh Sethia is a domain expert in commodity and currency markets. He conducts training programmes for the Financial Technologies Group companies.

He is a postgraduate in Finance and Management. He has designed and organized many short-term and long-term training programmes across different parts of the value chain in the commodity and currency ecosystems. Mr Sethia has conducted more than 150 training programmes on Jobbers, Arbitrage, and Spreads. His areas of specialization are exchange risk management, market operations, clearing and settlement, delivery mechanism, price risk management, and volatility analysis in commodity markets. He has written many research papers, including Mapping Commodity Markets with Currency Market; Equity Market Indicator and the Volatility of USDINR; All about Proprietary and Client Trading; Technical Analysis; and Exchange Bylaws, Rules, and Regulations.



In addition to various initiatives, he conducts programmes for management institutions such as Indian Institute of Management (Ahmedabad & Bangalore); Symbiosis Centre for Management and Human Resource Development (SCMHRD), Pune; Birla Institute of Management Technology, Noida; Welingkar Institute of Management Development and Research (Mumbai & Bangalore); Reserve Bank of India's College of Agriculture Banking, Pune; National Institute for Agricultural Marketing, Jaipur; Institute for Rural Management, Anand; etc.

He can be contacted at hitesh.sethia@ftkmc.com or +91 99302 67957

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Disclaimer: FTKMC reserves its right to change, alter all or any part of the content/structure of the programme. FTKMC may cancel, suspend, prepone, or postpone the programme schedule without prior intimation and without assigning any reason. Candidates are advised to check/confirm with FTKMC about the programme schedule before making arrangements for travel and accommodation.

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MARKETS IN MOTION

weekly briefing on economy and financial markets

FINANCIAL MARKETS REVIEW

annual review of domestic and global financial markets

GLOBAL FINANCIAL MARKETS EXPOSURE PROGRAMME

annual programme for CEOs, held in global financial centres

INTERNATIONAL PROGRAMME ON COMMODITY EXCHANGES

strategies for management of commodity exchanges

POSTGRADUATE DIPLOMA IN FINANCIAL MARKETS PRACTICE

offered jointly with IGNOU

WINTER SCHOOL IN FINANCIAL MARKETS: POLICY AND PRACTICE

a practice-oriented, two-week intensive programme

MCX CERTIFIED COMMODITY PROFESSIONAL

certification examination in commodity markets trading

PROFESSIONAL DEVELOPMENT PROGRAMME IN FINANCIAL MARKETS PRACTICE

enhancing professional skills in financial markets practice

EXECUTIVE EDUCATION FOR EXCHANGE INDUSTRY PROFESSIONALS

exchange industry governance, management and administration

TRADING TUTOR

a wide range of programmes on trading and strategies

MARKETS AT WORK

students get to learn about markets and practice

NATIONAL SIMULATION LAB

simulated trading platform