



CAPITAL MARKET PROFESSIONAL CERTIFICATE

PROGRAM DESCRIPTION

This introductory program offers a comprehensive survey of capital markets. Money and banking, the role of central banks and the evolving regulatory landscape are reviewed. The program also provides a thorough grounding in the full range of capital market instruments.



Virtual Live Online



8 PM IST | March 20th

CAPITAL MARKET PROFESSIONAL CERTIFICATE

Overview

This introductory program covers money and banking, the role of central banks and the evolving regulatory landscape. The program also provides a thorough grounding in the full range of capital market instruments.

The program includes an additional self-paced primer, *Capital Market Dealer Module**. The primer provides a fundamental understanding of the market segments, market terminologies, membership procedures and risk management processes.

*Only for candidates registered through NSE Academy



This **Capital Market Professional Certificate** comprises the following courses:

- | | |
|--|------------------|
| • Capital Market Dealer Module | PRIMER |
| • Capital Markets 101: Market Structure, Products and Regulatory Trends | DAY 1 - 2 |
| • Capital Markets: Products, Risks and Strategies | DAY 3 - 5 |

Candidate can enroll in one course and get certificate for that course. Candidates will be awarded Capital Market Professional Certificate on completion of the two courses i.e. *Capital Markets 101* and *Capital Markets: Products, Risks and Strategies*.

Individual courses available at India price.

To know more connect to our learning consultant on **9930073987** or email at **info.nal@nse.co.in**

HIGHLIGHTS

- 📌 Involve in an intensive **live online session** with market experts and top faculty from New York Institute of Finance (NYIF).
- 📌 Get a **comprehensive understanding** of the Capital market in a **short duration**.

NSE ACADEMY ADVANTAGE

- 📌 **Scholarship of USD 2500** applicable for select 10 candidates only
- 📌 Access to session recording for 3 months
- 📌 **Additional NSE Academy Certificate Course** worth INR 11,799
- 📌 **Alternative Investment SLP** and earn nine digital badges, sharable on LinkedIn
- 📌 **Dedicated doubt clearing sessions** at the end of the program
- 📌 One Year **Complimentary access** to **NSE Knowledge Hub**
- 📌 Get recognized with a **Co-branded Professional Certificate in Capital market** from NYIF, USA and NSE Academy

IDEAL FOR

- 📌 Employees of Stockbrokers and Sub-Broker
- 📌 Investors/Traders
- 📌 Early-career finance professionals
- 📌 Professionals Seeking Career Change
- 📌 Business owners and entrepreneurs
- 📌 Students

Access to NSE Knowledge Hub Platform

Powered By



Alternative Investment Digital Badges

shareable on LinkedIn for enhanced visibility of profile among potential recruiters

NSE Knowledge Hub is a **Learning Experience Platform (LXP)** with machine learning and AI capabilities which creates a unified, relevant, and engaging learning experience for building skills and capabilities in BFSI and technology.

KEY TAKEAWAYS

1



Global trends in volume for various financial products and the macroeconomic reasons for those trends. Trading of bonds, equity, foreign exchange and money market products.

2



Structure and price a plain vanilla bond for the current marketplace. Understanding of deals in Bonds and Equity Listing. Choosing of derivative to hedge against risk in real-life financial situations

3



Calculation of profit or loss on futures trades
Construction of swap. Calculation of the benefit of swap to each counterparty.
Invest the money held by a pension fund both geographically and by asset class

4



Role of equity from both the issuer's and investor's perspectives. Main methods of equity valuation. Major steps in the IPO process and the key participants in the IPO process

USD 2500



SCHOLARSHIP

Applicable for select 10 candidates only



WHO SHOULD TAKE THIS

Anyone seeking to understand capital markets and instruments.



PREREQUISITE KNOWLEDGE

Basic MS Excel skills

HAVE A QUESTION?

Get in touch with our learning consultant:

Pratiksha



+91 99300 73987



info.nal@nse.co.in

CAPITAL MARKET DEALER MODULE

SELF-PACED | 8 HOURS

- An Overview of the Indian Securities Markets
- Trading Membership
- Trading
- Clearing, Settlement and Risk Management
- Legal Framework
- Fundamental Valuation Concepts

CAPITAL MARKETS 101:

Market Structure, Products and Regulatory Trends

ONLINE-LIVE | DAY 1 - 2

DAY 1

Module 1: Capital Markets and Key Participants

- Introduction to Global Financial Markets
- How Banking and Financial Markets Work Together
- Function of Financial Intermediaries: Indirect Finance
- Types of Financial Intermediaries
- Identifying The Key Participants and Their Impact on the Market
- Four Core Markets: Debt, Equity, Money Markets and Foreign Exchange
- Internationalization of Financial Markets

Module 2: Money Markets

- Interbank Loans and Deposits
- Certificates of Deposit
- Commercial Paper
- Repos
- Treasury Bills
- Bankers Acceptances

Module 3: Foreign Exchange (FX)

- Structure of The FX Market
- How the Market Trades
- Understanding FX Prices - Spot Rates
- Reading Prices and Calculating Simple Values
- Calculating and Understanding Cross Rates
- Introduction to FX Forwards

DAY 2

Module 1: Time Value of Money

- Time Value of Money (TVM)
- Present Value
- Future Value
- Valuing Annuities
- T-Bill Yield
- Bond Equivalent Yield

Module 2: Bond Markets and Risk

- Role of Debt in Capital Structure
- International Bonds
- Plain Vanilla Bonds
- Borrowing Structures
- Price-Yield Relationship
- Yield Curves
- Economy/Business Cycle
- Primary Dealers
- Secondary Markets
- Treasury Auction
- Types Of Bond Risk
- Credit Ratings
- Credit Spreads

Module 3: Equity Markets and Trading

- Common Stock
- Preferred Stock
- Rights/Warrants
- Depository Receipts
- Convertible Bonds
- Primary and Secondary Markets
- Dark Pools
- Quote and Order Driven Markets
- Order Execution
- Short Selling

Module 4: Regulation of the Financial System

- Financial Regulators
- Motivation for Regulation and Oversight
- Asymmetric Information and Financial Regulation
- The 1980s U.S. Banking Crisis
- Banking Crisis Throughout the World
- The Dodd-Frank Bill and Future Regulation
- Basel III

CAPITAL MARKETS: Products, Risks and Strategies

ONLINE-LIVE | DAY 3 - 5

DAY 3

Module 1: Equity Indexes

Market Segmentation
Index Construction and Weighting
Bias, Tracking Error and Rebalancing
Trading and Hedging Strategies using Index Products

Module 2: Equity Valuation

Uses and Limitations of Valuation
Valuation Models
Model Inputs
Ratio Analysis
Intrinsic Valuation
Relative Valuation
Equity Risk Premium
Dividend Discount Models
Method of Comparable
Enterprise Value and Economic Value Added (EVA)
Oracle Valuation Case

DAY 4

Module 1: Introduction to Derivatives

Characteristics of Derivatives
Hedging and Speculative Uses
ISDA Framework and Regulation

Module 2: Futures and Forwards

Futures and Forwards Markets
Exchanges, Clearinghouses and OTC
Hedging and speculating with Futures
Trade Execution
Settlement and Margining
Bond Futures
Index Futures

Module 3: Swaps

History and Evolution of Swaps
Characteristics & Features of Swaps
Fundamentals of Pricing Interest Rate Swaps
Application of Interest Rate Swaps to Hedging Situations
FX Swaps

Module 4: Options

History and Evolution of Options Market.
Options Terminology
Evaluate Risk/Reward - Payoff Profiles & Break-Events
Identify Basic Characteristics of options, caps & floors and swaptions.
Identify Factors of Options Pricing

DAY 5

Module 1: Credit Derivatives

Define and Identify Credit Derivatives
Total Return Swaps and Credit Default Swaps
Identify Mechanics of Basket and Portfolio Credit Default Swaps

Module 2: Equity and Bond IPO Participants

Company Management
Board of Directors
Counsel
Independent Accountants
Pre-IPO shareholders
Managing Underwriters
Underwriter's Counsel
Research Analysts
SEC
Corporate Bond Issuance

Module 3: Timing and Major Steps in IPO Process

Pre-Organizational Meeting
Organizational Meeting
Post-Organizational Meeting

Module 4: Desk Ready Skills Knowledge Check

INSTRUCTOR'S PROFILE



KHOSROW MEHRZAD

- Khosrow has broad experience in the capital market, financial products, micro, and macro analysis, and portfolio management.
- Founded Parsa Capital Management in 2015, where he manages an equity fund

Previously

- Senior portfolio manager at JP Morgan responsible for relative values trades and spearheaded the firm's effort in launching hedge funds
- Senior valuation analyst at Six Financial Information, responsible for pricing exotic derivatives.
- Co-CIO at AlphaEngine Global Investment Solutions, a startup hedge fund where he developed the tactical asset, allocation models.

Education

- MBA from MIT Sloan School of Management.
- MS from McGill University
- BS from Sharif University of Technology



CHRIS THOMAS

- Chris Thomas is NYIF's senior lecturer in the areas of asset management and family offices.
- Managing Director at Simon Quick, a multifamily office based in Morristown, NJ, and New York City.

Previously

- Senior Managing Director at Forefront Capital, where he ran client development and was involved in the creation of specialized credit products for family offices
- Senior positions in Lehman Brothers and Bank of America's alternative investment groups
- Fixed income salesman for Merrill Lynch

Education

- Master's Degree in International Banking and Finance at Columbia University
- BA in Political Science at New York University.



ABOUT

NEW YORK INSTITUTE OF FINANCE (NYIF), USA

The New York Institute of Finance (“NYIF”), founded in 1922 by the New York Stock Exchange (NYSE), is one of the world’s first organizations dedicated to training business and finance professionals. NYIF has more than 800 financial and business courses and over 50 professional certificates, covering most financial areas such as investment banking, securities, funds, insurance, derivatives, trusts, asset management, wealth management, fintech, DeFi, sustainable, ESG and green finance etc. NYIF offers products and services including classroom courses, open public courses, digital courses, overseas training, youth financial education and customized consulting services. NYIF alumni now comprise over 1.3 million elite finance professionals, in over 120 countries working in major financial institutions and business corporations worldwide.

ABOUT

NSE ACADEMY

NSE Academy Ltd. has been established as a wholly owned subsidiary of National Stock Exchange of India Limited, which promotes financial literacy and skill oriented financial markets courses with online testing and certification system. NSE Academy, in association with reputed Universities & Colleges in India, has been offering various certification programs at the campuses of the respective Universities / colleges / institutes. NSE Academy Certification courses have been designed with industry participants for grooming of candidates with industry related skills. All the programs are crafted to prepare the students for future role in the financial and technology industry.

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