



- Introduction to Futures and Options
- Understanding Futures Contracts
- Basics of Options Contracts
- Option Greeks and Their Applications
- Pricing Mechanisms for Futures and Options
- Trading Strategies Using Futures
- Trading Strategies Using Options
- Option Chain Analysis for Trading Decisions
- Risk Management in F&O Trading
- Practical Trading Tools and Case Studies

OPTION GREEKS COURSE (TOPIC specific)

- Introduction to Options in Equity Derivatives
- Basics of Option Pricing and Payo Structures
- Understanding Delta: Sensitivity to Underlying Price
- Gamma: Measuring Delta's Rate of Change
- Theta: Time Decay in Options
- Vega: Sensitivity to Volatility
- Rho: Impact of Interest Rates
- Practical Applications of Option Greeks in Trading
- Hedging Strategies Using Option Greek



4.NISM Currency Derivatives course syllabus

- Introduction to Currency Markets
- Introduction to Currency Futures
- Strategies Using Currency Futures
- Introduction to Currency Options Strategies Using Currency Options
- Trading Mechanism in Currency Derivatives
- Clearing, Settlement, and Risk Management in Currency Derivatives
- Regulatory Framework for Currency Derivatives
- Accounting and Taxation of Currency Derivatives
- Codes of Conduct and Investor Protection Measu

Self Trading Courses

FUTURE AND OPTION TRADING COURSE



2.Types of Financial Markets Overview

- Classification of Financial Markets by Instrument Type
- Organized vs. Over-the-Counter (OTC) Markets
- Exchange-Traded vs. Non-Exchange-Traded Markets
- Domestic vs. International Financial Markets
- Key Differences Between Market Types

3.Money Market and Its Instruments

- Definition and Characteristics of the Money Market
- Role of Money Market in Short-Term Financing
- Key Money Market Instruments (Treasury Bills, Commercial Papers, Certificates of Deposit)
- Repurchase Agreements (Repos) and Call Money
- Participants in the Money Market

4.Capital Market: Primary and Secondary

- Definition and Role of the Capital Market
- Primary Market: Initial Public Offerings (IPOs) and Follow-on Public Offers (FPOs)
- Secondary Market: Stock Exchanges and Trading Mechanisms
- Equity and Debt Instruments in Capital Markets
- Market Efficiency and Liquidity in Capital Markets



COMMODITY TRADING COURSE FOR PROFESSIONAL TRADERS

1.Introduction to Commodity Derivatives

- Definition and Role of Commodity Derivatives
- Overview of Gold and Crude Oil in Commodity Markets
- Importance of Derivatives in Price Risk Management
- Key Differences Between Spot and Derivatives Markets
- Evolution of Commodity Derivatives in India (MCX, NCDEX)

2.Understanding Gold and Crude Oil Markets

- Characteristics of Gold as a Commodity (Precious Metal)
- Characteristics of Crude Oil (Energy Commodity, Brent vs. WTI)
- Global and Indian Market Dynamics for Gold and Crude Oil
- Factors Influencing Gold Prices (Demand, Supply, Real Interest Rates)
- Factors Influencing Crude Oil Prices (Geopolitical Events, API Gravity, Sulfur Content)

3.Commodity Futures for Gold and Crude Oil



5. Derivatives Market: Futures and Options

- Introduction to Derivatives and Their Purpose
- Types of Derivatives: Futures, Options, Forwards, Swaps
- Futures Contracts: Structure and Applications
- Options Contracts: Call and Put Options Basics
- Role of Derivatives in Hedging and Speculation

6. Foreign Exchange Market

- Overview of the Forex Market and Its Global Significance
- Structure of the Forex Market (Spot, Forward, and Swap Markets)
- Key Currency Pairs and Exchange Rate Mechanisms
- Role of Banks, Brokers, and Central Banks in Forex
- Factors Influencing Exchange Rates

7. Commodity Market

- Introduction to Commodity Markets and Their Role
- Types of Commodities: Hard (Metals, Energy) and Soft (Agricultural)
- Spot vs. Futures Markets in Commodities
- Commodity Exchanges in India (MCX, NCDEX)
- Price Drivers in Commodity Markets



9. Clearing, Settlement, and Risk Management

- Clearing Process for Gold and Crude Oil Derivatives
- Settlement Mechanisms (Cash Settlement, Daily MTM)
- Risk Management Using Value-at-Risk (VaR) and Margins
- Pre-Expiry Margins and Volatility Management
- Managing Leverage and Margin Calls

9. Practical Applications and Case Studies

- Live Trading Simulation for Gold Futures and Options
- Live Trading Simulation for Crude Oil Futures and Options
- Case Study: Gold Price Movements During Economic Uncertainty
- Case Study: Crude Oil Price Volatility During Geopolitical Events
- Using Trading Platforms (MCX, Broker Terminals) for Analysis and Execution



Option Chain analysis (TOPIC specific)

- Introduction to Option Chains
- Structure and Components of an Option Chain
- Understanding Strike Prices and Expiry Dates
- Interpreting Open Interest and Volume
- Analyzing Bid-Ask Spreads and Liquidity
- Role of Option Greeks in Chain Analysis
- Identifying Market Sentiment Using Put-Call Ratio
- Spotting Trends with Implied Volatility
- Building Trading Strategies from Option Chain Data
- Practical Tools and Case Studies for Option Chain Analysis

Capital Markets COURSE

1.Introduction to Financial Markets

- Definition and Importance of Financial Markets
- Role of Financial Markets in the Economy
- Functions of Financial Markets (Capital Allocation, Price Discovery, Liquidity)
- Overview of Market Participants and Their Objectives
- Evolution of Financial Markets (Global and Indian Context)



- Structure and Specifications of Futures Contracts
- Pricing Mechanisms for Gold and Crude Oil Futures
- Margin Requirements and Leverage in Futures Trading
- Hedging, Speculation, and Arbitrage in Futures
- Convergence of Spot and Futures Prices

4.Commodity Options for Gold and Crude Oil

- Basics of Gold and Crude Oil Options (Call and Put)
- Option Premiums and Pricing Models
- Option Greeks (Delta, Gamma, Theta, Vega, Rho)
- Payoff Structures for Gold and Crude Oil Options
- Options Trading on MCX: Contract Specifications

5.Trading Strategies for Gold and Crude Oil

- Trend Following Using Technical Indicators (Moving Averages, etc.)
- Intraday Trading Strategies for Gold and Crude Oil
- Position Trading Based on Fundamental Analysis
- News-Based Trading (Economic and Geopolitical Events)
- Spread Trading (Calendar Spreads, Intermarket Spreads)

6.Technical Analysis for Gold and Crude Oil Trading



- Candlestick Patterns and Price Action
- Support and Resistance Levels
- Technical Indicators (ADX, MACD, Bollinger Bands)
- Charting Tools for Gold and Crude Oil Price Analysis
- Interpreting Option Chain Data for Trading Decisions

7. Fundamental Analysis for Gold and Crude Oil

- Supply and Demand Dynamics for Gold (Jewelry, Industrial, Investment)
- Supply and Demand Dynamics for Crude Oil (OPEC, Refinery Demand)
- Impact of Economic Indicators (US Dollar, Inflation, Interest Rates)
- Geopolitical and Environmental Factors Affecting Prices
- Inventory Data Analysis (EIA Reports for Crude Oil)

8. Trading Mechanisms in Commodity Derivatives

- Role of Commodity Exchanges (MCX, NCDEX) in Gold and Crude Oil Trading
- Opening a Trading and Demat Account
- Order Types (Market, Limit, Stop-Loss) and Execution
- Lot Sizes and Margin Requirements for Gold and Crude Oil
- Monitoring Price Movements and Market Trends



10. Practical Applications and Key Participants in Financial Markets

- Retail and Institutional Investors
- Brokers, Dealers, and Market Makers
- Clearing Corporations and Custodians
- Role of Financial Intermediaries (Banks, Mutual Funds)
- Regulators and Their Functions

9. Regulatory Framework for Financial Markets

- Retail and Institutional Investors
- Brokers, Dealers, and Market Makers
- Clearing Corporations and Custodians
- Role of Financial Intermediaries (Banks, Mutual Funds)
- Regulators and Their Functions

- Case Study: Trading in Equity Markets (Sensex/Nifty)
- Example: IPO Process and Analysis
- Simulation: Derivatives Trading (Futures and Options)
- Case Study: Forex Market Movements and Currency Pairs
- Practical Tools: Market Data Platforms and Analysis Software



JOB Oriented Courses

1.NCFM Technical Analysis

- Introduction to Technical Analysis
- Candle Charts
- Pattern Study
- Major Indicators & Oscillators
- Trading Strategies
- Dow Theory and Elliot Wave Theory
- Trading Psychology and Risk Management

2.NISM Series 8 Equity Derivatives

- Basics of Derivatives
- Understanding Index
- Introduction to Forwards and Futures
- Introduction to Options
- Option Trading Strategies
- Introduction to Trading Systems
- Introduction to Clearing and Settlement
- Legal and Regulatory Environment
- Accounting and Taxation
- Sales Practices and Investor Protection Service



2.NISM Commodity Derivatives :

- Commodity Indices
- Commodity Futures
- Commodity Options.
- Strategies Using Commodity Futures and Commodity Options
- Trading Mechanism
- Clearing, Settlement, and Risk Management
- Legal and Regulatory Environment
- Accounting and Taxation
- Codes of Conduct and Investor Protection Measures

3.NISM Research Analyst course syllabu

- Introduction to Research Analyst Profession
- Introduction to Securities Market
- Terminology in Equity and Debt Markets
- Fundamentals of Research
- Economic Analysis
- Industry Analysis
- Company Analysis – Business and Governance
- Company Analysis – Financial Analysis
- Corporate Actions
- Valuation Principles
- Fundamentals of Risk and Return
- Qualities of a Good Research Report
- Legal and Regulatory Environment