

Stock Market

Course Outline

Module 1: Introduction to Stock Market

- What is a Stock Market?
- Basics of Stock Market in India: NSE & BSE
- Understanding Stock Indices: Nifty50, Banknifty, Finnifty
- Trading Systems Overview
- Margin System Explained

Module 2: Futures Contracts in India

- Futures Contract Specifications: Index & Stock Futures
- Theoretical Model for Futures Pricing
- Margin Requirements for Futures Trading
- Mark-to-Market (MTM) Calculations
- Futures vs. Forwards

Module 3: Trading in Options

- Introduction to Options and Option Greeks
 - Delta, Gamma, Vega, Theta
- Understanding Moneyness of Options: ITM, ATM, OTM
- Index Options vs. Stock Options
- Margins for Option Contracts: Sellers vs. Buyers

Module 4: Basic Trading Strategies

- Directional Trading: Buying Options vs. Selling Options
- Selecting Strike Prices: ATM, OTM, ITM

Module 5: Price Action Trading

- Learn to Read Charts and Trade Using Price Action
 - Stock Market Price Structure
 - Market Trends
 - Candlestick Patterns
 - Chart Patterns
 - Support and Resistance
 - Volume Analysis
 - Breakouts and Fakeouts
 - Trading Pullbacks, Reversals, Inside Bars, and Pin Bars
 - Trading Market Gaps

Module 6: Options Strategies Based on Market View

- Buying Put Options or Selling Call Options
- Pay-off Matrix & Breakeven Analysis for Long & Short Positions
- Covered Call Strategy
- Protective Put Strategy

Module 7: Options in Volatile Markets

- Strike Selection for Market Neutral Strategies
- Creating and Trading:
 - Straddles
 - Strangles

Module 8: Directional Options Strategies

- Strike Selection for Directional Strategies
- Spread Positions and Their Implementation:
 - Bull Call Spread
 - Bear Put Spread
 - Synthetic Positions Using Options

Module 9: Analyzing Derivative Data

- Reading Open Interest (OI) Data for Futures and Options
- Option Chain Analysis and Strike-Wise OI Implications
- Identifying Support and Resistance Using OI
- Understanding the Put-Call Ratio (PCR)
- Implied Volatility (IV) and Historical Volatility (HV)