CULTURE OF INTERNET

THE AI EXCELLENCE ACADEMY

PROFESSIONAL COURSE CURRICULUM

45-Day Global Financial Markets Course

Indian Stocks | Forex | US & Global Markets | Commodities | Bonds | Crypto

45	16	6
DAYS	MODULES	ASSET CLASSES



Concepts + Live Market Analysis + Projects + Risk Management

WhatsApp Only: 81308-40080

One Course. The Complete Market Ecosystem.

This integrated curriculum brings the major financial markets into one structured learning journey. Students build a strong foundation, learn analysis and trading tools, understand global asset relationships, and finish with a practical market simulation and final presentation.

FOUNDATION Stocks & indices Orders & market structure	ANALYSIS Fundamental + technical Indicators + strategies
GLOBAL MARKETS Forex, US, commodities Bonds + crypto	APPLICATION Risk plans & journals Live analysis + project

Course Coverage

Indian Stock Market • Fundamental Analysis • Technical Analysis • Options • Forex • US Market • Global Markets • Commodities • Bonds • Crypto • Portfolio Management • Risk Management

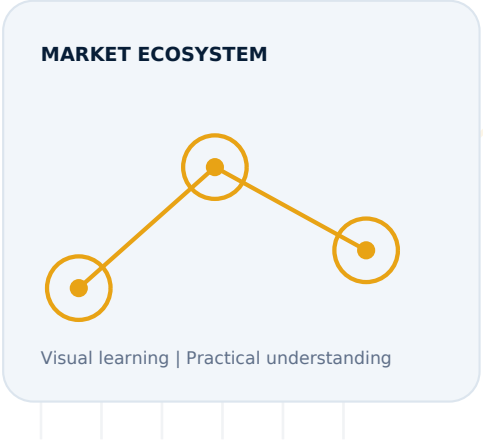
Learning Mix

40% Concepts	40% Practical / live-market analysis	20% Projects & assignments

MODULE 01 | DAYS 1-3

INDIAN STOCK MARKET FUNDAMENTALS

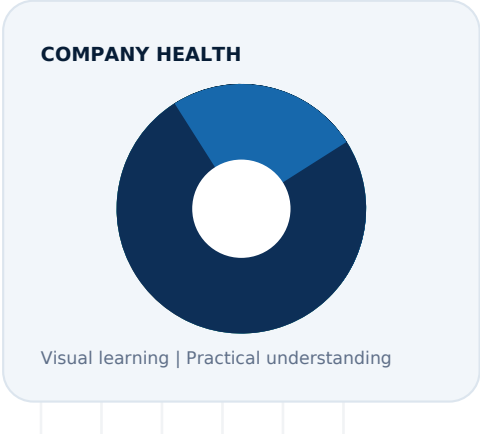
- - Introduction to Financial Markets
- - How the Stock Market Works
- - NSE & BSE
- - SEBI & Market Participants
- - Equity & Shares
- - Stock Market Indices
- - NIFTY & SENSEX
- - Primary & Secondary Market
- - IPO & FPO
- - Demat & Trading Account
- - Market Orders & Order Types
- - Bid, Ask & Spread
- - Market Capitalization
- - Trading vs Investing
- - Long-Term, Swing, Intraday & Positional Trading



MODULE 02 | DAYS 4-7

FUNDAMENTAL ANALYSIS

- - Introduction to Fundamental Analysis
- - Understanding Financial Statements
- - Profit & Loss Statement
- - Balance Sheet
- - Cash Flow Statement
- - Revenue & Profit Analysis
- - EPS
- - P/E Ratio
- - P/B Ratio
- - ROE & ROCE
- - Debt-to-Equity
- - Dividend Analysis
- - Free Cash Flow
- - Market Capitalization
- - Company Analysis
- - Sector Analysis
- - Competitor Analysis
- - Identifying Fundamentally Strong Companies
- - Practical: Complete Fundamental Analysis of a Company



MODULE 03 | DAYS 8-12

TECHNICAL ANALYSIS

- - Introduction to Technical Analysis
- - Price & Volume
- - Types of Charts
- - Timeframes
- - Candlestick Charts
- - Market Structure
- - Support & Resistance
- - Trendlines
- - Uptrend, Downtrend & Sideways Market
- - Breakout & Breakdown
- - Gap Analysis
- - Price Action
- - Demand & Supply Zones
- - Practical Chart Reading

Candlestick Patterns

- - Doji
- - Hammer
- - Hanging Man
- - Shooting Star
- - Engulfing Patterns
- - Morning Star
- - Evening Star
- - Three Soldiers
- - Three Crows

Chart Patterns

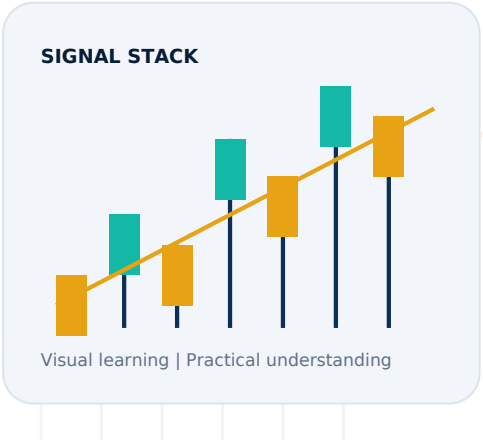
- - Double Top & Bottom
- - Head & Shoulders
- - Triangle Patterns
- - Flag & Pennant
- - Wedge Patterns
- - Cup & Handle



MODULE 04 | DAYS 13-15

TECHNICAL INDICATORS & TRADING STRATEGIES

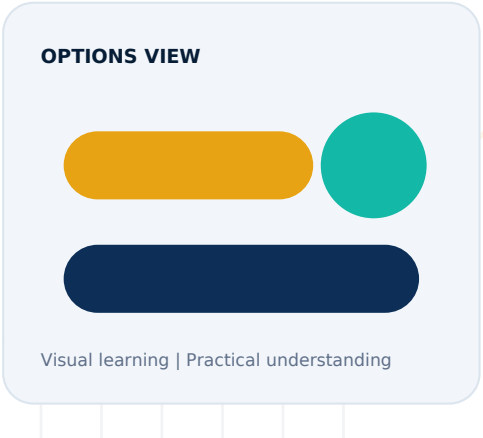
- - Moving Average
- - SMA & EMA
- - RSI
- - MACD
- - Bollinger Bands
- - VWAP
- - Volume Indicators
- - Fibonacci Retracement
- - Combining Multiple Indicators
- - Trend Following Strategy
- - Breakout Strategy
- - Support & Resistance Strategy
- - Moving Average Strategy
- - RSI/MACD Strategy
- - Intraday Trading Setup
- - Swing Trading Setup
- - Entry & Exit Planning



MODULE 05 | DAYS 16-18

DERIVATIVES & OPTIONS

- - Introduction to Derivatives
- - Futures
- - Futures vs Options
- - Call & Put Options
- - Strike Price
- - Premium
- - Expiry
- - ITM, ATM & OTM
- - Option Chain
- - Open Interest
- - Volume & OI Analysis
- - Implied Volatility - Introduction
- - Option Greeks - Introduction
- - Basic Options Strategies
- - Hedging Concepts
- - Options Risk Management
- - Practical Option Chain Analysis



MODULE 06 | DAYS 19-20

RISK MANAGEMENT & TRADING PSYCHOLOGY

Risk Management

- - Stop Loss
- - Target Setting
- - Risk/Reward Ratio
- - Position Sizing
- - Capital Management
- - Maximum Loss Planning
- - Portfolio Diversification
- - Leverage & Margin
- - Avoiding Overtrading

Trading Psychology

- - Fear & Greed
- - FOMO
- - Revenge Trading
- - Emotional Decision Making
- - Discipline
- - Trading Journal
- - Developing a Trading Plan

Practical

- - Create Personal Risk Management Plan
- - Create Trading Journal
- - Paper Trading



MODULE 07 | DAYS 21-24

FOREX & CURRENCY MARKET

Forex Fundamentals

- - Introduction to Forex Market
- - How Global Currency Markets Work
- - Major, Minor & Exotic Pairs
- - Base & Quote Currency
- - Bid, Ask & Spread
- - Pip
- - Lot
- - Tick
- - Forex Market Participants
- - Asian, London & New York Sessions

Currency & Economic Analysis

- - Central Banks
- - Interest Rates
- - Inflation
- - GDP
- - Employment Data
- - Monetary & Fiscal Policy
- - Economic Calendar
- - Interest Rate Differentials
- - Currency Correlations
- - USD, EUR, GBP, JPY, CHF, CAD & AUD

Forex Technical Analysis

- - Forex Charts
- - Market Structure
- - Support & Resistance
- - Trendlines
- - Price Action
- - Breakouts
- - Moving Average
- - RSI
- - MACD

- - Fibonacci
- - Forex Trading Setups
- - Position Sizing
- - Leverage & Margin
- - Stop Loss & Risk Management

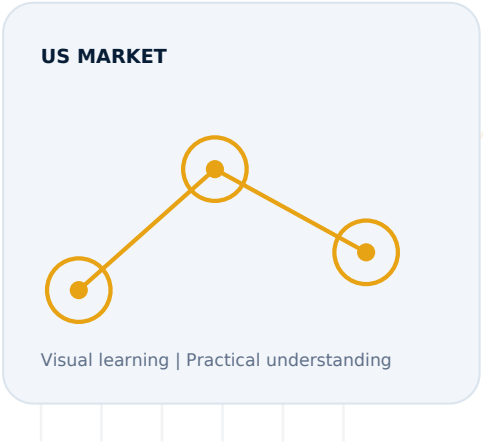
Practical

- - Currency Pair Analysis
- - Economic Calendar Analysis
- - Paper Forex Trading
- - Create Forex Watchlist

MODULE 08 **DAYS 25-27**

US STOCK MARKET

- - Introduction to US Financial Markets
- - NYSE
- - NASDAQ
- - S&P 500
- - NASDAQ-100
- - Dow Jones
- - US-listed Stocks
- - US ETFs
- - Growth Stocks
- - Value Stocks
- - Large Cap Stocks
- - Pre-Market Trading
- - Regular Market
- - After-Hours Trading
- - US Earnings Season
- - Dividends
- - Stock Splits
- - US Company Fundamental Analysis
- - US Technical Analysis
- - Practical: US Stock Analysis



MODULE 09 DAY 28

GLOBAL STOCK MARKETS

Major Global Markets

- - □□ USA - S&P 500, NASDAQ, Dow Jones
- - □□ UK - FTSE 100
- - □□ Germany - DAX
- - □□ France - CAC 40
- - □□ Japan - Nikkei 225
- - □□ Hong Kong - Hang Seng
- - □□ China - Shanghai Composite
- - □□ India - NIFTY & SENSEX
- - □□ Australia - ASX 200
- - Emerging Markets

Global Market Analysis

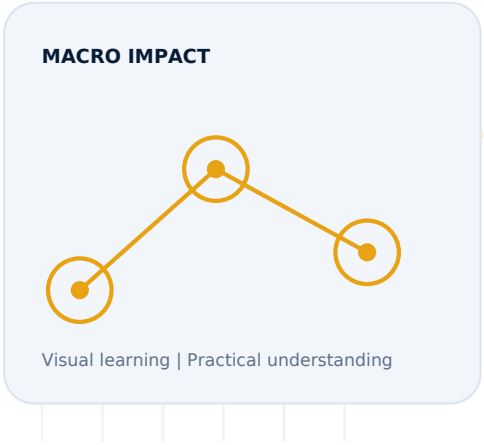
- - Global Market Sessions
- - Market Opening & Closing
- - Global Market Correlations
- - Risk-On & Risk-Off
- - Global Economic News
- - Geopolitical Impact
- - Cross-Market Analysis



MODULE 10 | DAY 29

GLOBAL MACROECONOMICS & CURRENCY IMPACT

- - Global GDP
- - Inflation & CPI
- - Interest Rates
- - Employment Data
- - Central Banks
- - Federal Reserve & FOMC
- - ECB
- - BOE
- - BOJ
- - Economic Calendar
- - Monetary Policy
- - Fiscal Policy
- - Geopolitical Events
- - USD Index - DXY
- - Interest Rates & Currency
- - Currency & Stock Market Relationship
- - Global Economic Cycle



MODULE 11 | DAYS 30-32

COMMODITY MARKETS

Commodity Fundamentals

- - Introduction to Commodity Markets
- - Commodity Exchanges
- - Spot vs Futures
- - Demand & Supply
- - Commodity Market Participants

Precious Metals

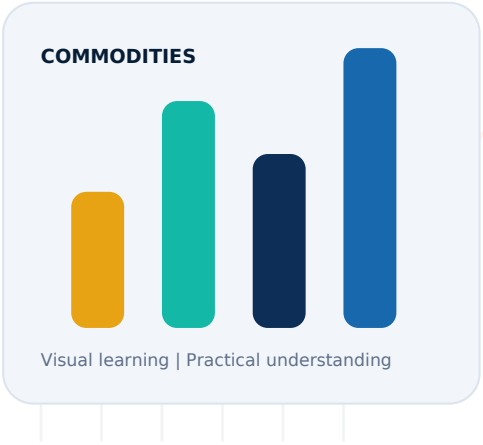
- - Gold
- - Silver
- - International Gold Prices
- - Gold & USD Relationship
- - Gold & Interest Rates
- - Gold & Inflation
- - Safe-Haven Assets
- - Gold/Silver Ratio
- - Technical Analysis of Gold & Silver

Energy Markets

- - Crude Oil
- - WTI
- - Brent Crude
- - OPEC & OPEC+
- - Oil Demand & Supply
- - Inventory Data
- - Geopolitical Impact
- - Natural Gas
- - Oil, Inflation & USD Relationship

Other Commodities

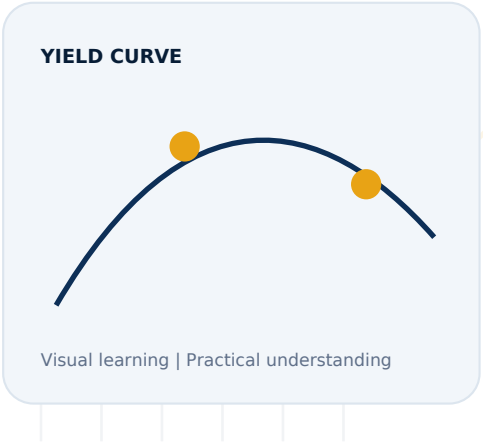
- - Agricultural Commodities
- - Commodity Price Drivers
- - Commodity Chart Analysis
- - Practical Commodity Analysis



MODULE 12 | DAY 33

BONDS & FIXED-INCOME MARKETS

- - Introduction to Bonds
- - Government Bonds
- - Corporate Bonds
- - US Treasury Market
- - Treasury Bills
- - Treasury Notes
- - Treasury Bonds
- - Bond Price & Yield
- - Yield Curve
- - Interest Rates & Bond Prices
- - Credit Risk
- - Inflation & Bonds
- - Federal Reserve & Treasury
- - 10-Year US Treasury Yield
- - Bond Market Indicators
- - Bonds vs Stocks
- - Bonds vs Gold
- - Practical Bond-Market Analysis



MODULE 13 | DAYS 34-37

CRYPTOCURRENCY & BLOCKCHAIN

Crypto Fundamentals

- - Introduction to Cryptocurrency
- - Blockchain
- - Bitcoin
- - Ethereum
- - Altcoins
- - Coins vs Tokens
- - Stablecoins
- - Market Cap
- - Volume & Liquidity
- - Crypto Exchanges
- - Trading Pairs
- - Spot vs Futures
- - Crypto Market Cycles

Blockchain Technology

- - Blockchain Architecture
- - Public vs Private Blockchain
- - Bitcoin Ecosystem
- - Ethereum Ecosystem
- - Smart Contracts
- - Layer 1 & Layer 2
- - DeFi
- - NFTs
- - Web3
- - Wallets
- - Blockchain Addresses
- - Gas Fees

Crypto Fundamental & On-Chain Analysis

- - Tokenomics
- - Circulating Supply
- - Maximum Supply
- - FDV

- - Token Utility
- - Project Analysis
- - Team Analysis
- - Wallet Activity
- - Exchange Inflows & Outflows
- - Transaction Activity
- - DeFi TVL
- - On-Chain Data

Crypto Technical Analysis

- - Crypto Charts
- - Candlesticks
- - Support & Resistance
- - Market Structure
- - Breakouts
- - Moving Average
- - RSI
- - MACD
- - Fibonacci
- - Volume Analysis
- - Spot vs Futures
- - Leverage & Liquidation

MODULE 14 | DAYS 38-40

GLOBAL ASSET & PORTFOLIO MANAGEMENT

Asset Classes

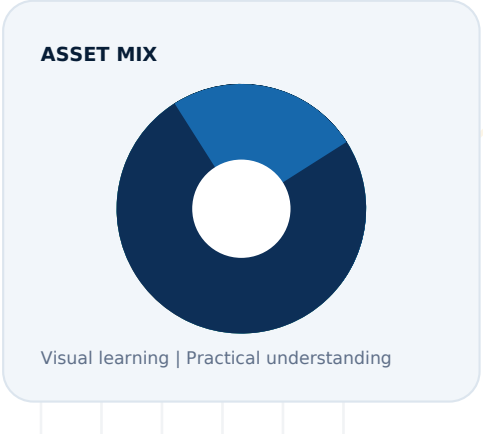
- - Stocks
- - Bonds
- - Gold
- - Silver
- - Crude Oil
- - Forex
- - ETFs
- - REITs
- - Crypto
- - Alternative Assets

Intermarket Analysis

- - Stocks + Bonds
- - Stocks + Gold
- - Gold + USD
- - Oil + Inflation
- - USD + Global Markets
- - Bonds + Interest Rates
- - Crypto + Risk Assets

Portfolio Management

- - Asset Allocation
- - Diversification
- - Risk Profiling
- - Portfolio Construction
- - Strategic vs Tactical Allocation
- - Rebalancing
- - Portfolio Risk
- - International Diversification
- - Creating a Global Investment Portfolio



MODULE 15 | DAYS 41-43

ADVANCED PRACTICAL MARKET ANALYSIS

Students work with live/current market data and analyse:

- - Indian Stocks
- - US Stocks
- - Global Indices
- - Forex Pairs
- - Gold
- - Silver
- - Crude Oil
- - Bonds
- - Crypto

Practical Activities

- - Global Market Morning Analysis
- - Pre-Market Analysis
- - Economic Calendar Analysis
- - Stock Screening
- - Forex Screening
- - Commodity Screening
- - Crypto Screening
- - Chart Analysis
- - Fundamental Analysis
- - Cross-Market Analysis
- - Trade Setup Identification
- - Watchlist Creation
- - Paper Trading
- - Portfolio Tracking



MODULE 16 | DAYS 44-45

FINAL PROJECT & MARKET SIMULATION

Day 44 - Global Market Simulation

Students create:

1. Indian Stock Portfolio
2. US Stock Portfolio
3. Forex Watchlist
4. Commodity Watchlist
5. Bond Allocation
6. Crypto Portfolio

Students must explain:

- - Why they selected each asset
- - Fundamental analysis
- - Technical analysis
- - Entry/exit logic
- - Risk/reward
- - Stop-loss
- - Position sizing
- - Portfolio allocation

Day 45 - Final Presentation & Assessment

Final Global Financial Market Project

Students conduct a complete analysis of:

> **1 Stock + 1 US Stock + 1 Forex Pair + 1 Commodity + 1 Bond + 1 Crypto Asset**

Then present:

Fundamental Analysis → Technical Analysis → Market Outlook → Risk Analysis → Portfolio/Trading Plan

45-Day Course Structure

AREA	DAYS
Indian Stock Market	3
Fundamental Analysis	4
Technical Analysis	5
Trading Strategies & Indicators	3
Options & Derivatives	3
Risk Management & Psychology	2
Forex & Currency	4
US Stock Market	3
Global Markets	1
Global Macroeconomics	1
Commodities	3
Bonds	1
Cryptocurrency	4
Global Portfolio Management	3
Advanced Practical Analysis	3
Final Project & Assessment	2
TOTAL	**45 DAYS**

Core Promise of the Curriculum

Learn the complete global financial ecosystem in 45 days:

Indian Stocks → Fundamental Analysis → Technical Analysis → Options → Forex → US Stocks → Global Markets → Gold → Silver → Crude Oil → Bonds → Crypto → Portfolio Management → Risk Management → Live Market Analysis

Recommended format: 40% concepts + 40% practical/live-market analysis + 20% projects & assignments.

INDIAN STOCKS	**FOREX**	**US MARKETS**
COMMODITIES	**BONDS**	**CRYPTO**