RECOMMENDED COURSE STRUCTURE

Trading Course Curriculum

Eight modules from market mechanics to quantitative testing, risk and compliance

01

Market Structure and Trading Mechanics

Foundation and execution

- NSE/BSE market structure, indices and sectoral indices
- Order types: market, limit, stop-loss, stop-limit
- Bid–ask spread, liquidity, slippage, market impact
- Delivery, intraday, margin and leverage
- Corporate actions, circuit limits and settlement
- Cash equity versus futures and options

02

Advanced Technical Analysis

Price, volume and market structure

- Trend structure: higher highs, lower lows, reversals
- Support, resistance, supply and demand zones
- Candlestick patterns and their limitations
- Moving averages, VWAP, RSI, MACD and ATR
- Breakouts, pullbacks, retests, failed breakouts
- Volume, relative strength, multi-timeframe analysis

03

Fundamental and Macro Analysis for Traders

Understanding what drives price

- Earnings, revenue growth, margins and valuation
- Results announcements and earnings surprises
- FII/DII flows and sector rotation
- RBI policy, inflation, rates and bond yields
- USD/INR, crude oil and global correlations
- Economic calendars and event-risk management

04

Trading Strategies and System Development

Turning analysis into rules

- Trend-following and momentum trading
- Breakout and pullback strategies
- Mean reversion and range-bound trading
- Relative-strength and sector-rotation strategies
- Entry, exit, stop-loss and trailing-stop rules
- Strategy selection based on market regime

05

Risk and Money Management

Protecting trading capital

- Position sizing using stop-loss distance
- Risk–reward ratio and expectancy
- Win rate, average win and average loss
- Maximum drawdown and risk of ruin
- Portfolio exposure, correlation, concentration
- Daily loss limits, leverage, capital preservation

06

Futures and Options Trading

Intermediate derivatives

- Futures pricing, basis, rollover, mark-to-market
- Options payoffs and put-call parity
- Delta, gamma, theta, vega and implied volatility
- Expiry effects and volatility risk
- Defined-risk spreads and hedging
- Position sizing, margin and gap-risk scenarios

07

Quantitative Trading and Backtesting

Evidence-based decision-making

- Historical data and return calculations
- Excel-based strategy testing
- Trade logs, entry and exit signals
- Profit factor, expectancy and drawdown
- Transaction costs and slippage assumptions
- Overfitting, look-ahead bias, out-of-sample testing

08

Trading Psychology and Compliance

Professional trading habits

- FOMO, revenge trading, overconfidence, loss aversion
- Trading plans, checklists and execution discipline
- NSE/BSE and SEBI rules relevant to trading
- Brokerage, taxes and other trading costs
- Paper trading and performance review
- Strategy improvement