MBA313: TECHNICAL ANALYSIS OF FINANCIAL MARKETS

Teaching Scheme	Examination Scheme
Lectures: 4 hrs./Week	Class Test -12Marks
Tutorials: 1 hrs./Week	Teachers Assessment - 6Marks
	Attendance – 12 Marks
Credits: 4	End Semester Exam – 70 marks

Course Objective

- The main objective of this program is to open new dimensions to forecasting by understanding the price movements with scientific principles & a plethora of tools & techniques making forecasting a logical process

Hours:45 hrs

UNIT I (10 Hrs): Introduction about Technical Analysis; What is technical analysis? The basis of technical analysis, Difference between technical vs fundamental analysis.

Type of Charts: Introduction about chart, The various types of price charts: Line chart, Bar chart, Candlestick chart, Kagi chart, Point & Figure chart, Renko chart, Three Line Break chart **Trend lines:** What is the purpose of drawing trend lines? How to plot trend lines?

UNIT II(15 Hrs): Candlestick study; One candlestick pattern: Doji, Hammer / Hanging Man, Inverted Hammer / Shooting Star, Spinning Top, Marubozu; **Double candlestick pattern:** Bullish /Bearish Engulf, Bullish /Bearish Harami, Piercing pattern /Dark cloud cover, Tweezer Top & Bottom; **Triple candlestick pattern:** Morning star /Evening star, Three white shoulders / Three black crows, Abandoned body (Bullish & Bearish), Tasuki Gap (Bullish & Bearish)

Five candlestick pattern: Rising three methods & falling three methods; **Support & Resistance:** What is Support? What is Resistance? Change of support to resistance and viceversa

Charts patterns and their study: Four stages: Accumulation, Mark-up, Distribution and Panic liquidation; Chart patterns: Head & Shoulder, Inverted Head & Shoulder, Double top / bottom, Flag & Pennant, Symmetrical. Ascending, Descending Triangles, Wedge Patterns, Rounding top / bottom, Cup & Handle, Rectangles Bullish / Bearish, Triple top / bottom

UNIT III(10 Hrs): Gaps & Gaps Analysis; Types of Gaps: Common gap, Breakaway gap, Runaway gap, Exhaustion gap, Island cluster; **Oscillators & indicators;** What does a technical indicator offer? Why use indicators? Types of indicators: Leading indicator, Lagging indicator **Moving averages:** Simple moving average (SMA), Exponential moving average (EMA), How to trade on moving averages; **MACD:** What is the MACD and how is it calculated? How to tradeon MACD; **RSI:** What is momentum? Calculation of the RSI, Divergence, How to trade on RSI

UNIT IV(10 Hrs): On Balance Volume Overview; Calculation of OBV, How to trade on OBV

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Stochastic Overview, Construction, How to trade on stochastic; **William %R** Overview, Signals, How to trade on William %R; **Bollinger bands**: Few rules for beginners, How to trade on bb, How to use multiple indicator; **Money Flow Index** Overview, How to trade on MFI **Trading strategy;** **The Dow Theory**, Background, Principal rule of the Dow theory; **Elliot Waves theory**, Elliot wave basics, How to trade on Elliot waves; **Fibonacci Sequence**, How to trade on Fibonacci. retracement, How to trade on Fibonacci extension; **Trading psychology and how to manage the risk**

	COURSE OUTCOMES DESCRIPTION
CO1	Able To understand trends and turning points.
CO2	Able to develop self-trading platform by using a set of indicators.
CO3	Understanding charts and their patterns for buy-sell decisions.
CO4	Learn all candles, patterns and indicators and many more
CO5	Able to use of techniques for successful intra-day and short term trading
CO6	Learn how to generate calls in all segments either it is equity, commodity or currency.

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