

Kavayitri Bahinabai Chaudhari North Maharashtra

University, Jalgaon

(Under the ordinance 181)

Dr. Annasaheb G. D. Bendale Mahila

Mahavidyalaya, Jalgaon

Certificate Course in Analysis of

Stock Market

Department of Mathematics

2021-22

Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon
(Under the ordinance 181)

College Name	:	Dr. A. G. D. Bendale Mahila Mahavidyalaya, Jalgaon
Title of the Course	:	Certificate Course in Analysis of Stock Market
Aims / Objective	:	1) To provide an overall knowledge on the Indian Stock Market. 2) The various types stocks of the companies available for trading. 3) The career opportunities in stock market
Job Positions	:	Stock Broker, Equity Dealer, Stock Market Analyst, Relationship Manager, Terminal Operator, Research Analyst, etc.
Top Recruiting Areas	:	Stock Exchanges, Financial Firms, Financial Institutions, Corporate Houses, and Trading Houses etc.
Duration of Course	:	01 Year
Fees Structure	:	500
Course Structure	:	1) Paper – I : Basics of Stock Market 2) Paper – I : Technical Analysis of Stock Market 3) Paper – III : (Practical Course based on Paper I and II)
Eligibility for Admission	:	HSC +

Skeleton of Course :

Sr. No.	Paper	Name of the Subject	Theory / Practical	Teaching Hours	Maximum Marks allotted			Passing			Credit
					External	Internal	Total	External	Internal	Total	
1	Paper - I	Basics of Stock Market	Theory	90	60	40	100	24	16	40	6
2	Paper - II	Technical Analysis of Stock Market	Theory	90	60	40	100	24	16	40	6
3	Paper - III	Practical Course	Practical	120	60	40	100	24	16	40	8

Internal Marks (40) are divided in 3 parts

e.g. 05 marks for Attendance,
 10 marks for Home Assignment Tutorial,
 25 marks for Internal Test.

Minimum Staff : 02

Mode of Examination : Annual Examination (MCQ Type Papers)

Syllabus

Certificate Course in Analysis of Stock Market

Paper I : Basics of Stock Market

Total 90 hours

Unit	Topic	Hours
1	Introduction of Stock Market	25
	1) Investments, Types of Investments	
	2) Share and Share holders, Types of Share	
	3) Stock exchanges in India - NSE, BSE	
	4) Types of Index – Nifty, Sensex etc	
	5) SEBI Rules and Regulations	
	6) D-mat Account, Trading account, NSDL and CDSL	
	7) Brokerage and Taxation	
	8) Difference between stock investment and other investment	
	9) Money Management	
	10) Market Timings and Holidays	
	11) Sectors	
	12) Large cap, mid cap and small cap stocks	
	13) Movement of Share prices – High, Low, Open, Close	
	14) Stock Market – Bull and Bear Market	
	15) Bid, Ask Spread, Upper Circuit, Lower Circuit etc.	
	16) Information of Software	
	17) Global Market	
	18) External Factor Affect in Stock Market	
2	Fundamental Analysis	25
	1) Introduction to fundamental analysis	
	2) Factors of business analysis	
	3) Introduction of financial statements	
	4) Profit and loss statement analysis	
	5) Balance sheet statement analysis	
	6) Cash Flow statement analysis	
	7) Business product and services analysis	
	8) Company's Results	
	9) Ratio analysis	
	10) Profitability and Efficiency ratios	
	11) Competency and Valuation ratios	
	12) Ex-date, record date, announcement date	
	13) Dividend, stock split, bonus shares	
	14) Stock buyback and rights issue	

3	Basic of Equity Market	20
	1) Basics of Equity Share Market	
	2) Benefit of Equity Share Market	
	3) Equity SIP Direct in Share Market, ETF	
	4) Buy and Sell, Long and Short	
	5) STBT and BTST	
	6) Intra-Day, Swing, Delivery and Insider Trading	
	7) Volume, Volatility and Liquidity	
	8) Stop Loss and Target	
	9) Ratio Analysis - RR Ratio, PE Ratio etc.	
	10) Different terms – Market Order, Limit Order, GTT Order, EPS, Overbought-Oversold etc.	
4	Basic of Derivative Market	20
	1) Meaning of Derivative	
	2) Option Market	
	3) Future Market	
	4) Call and Put	
	5) Expiry Date and Contracts	
	6) Margin Amount for Intra-day	
	7) Margin Amount for Carry Forward	
	8) Index Future	
	9) Stock Future	

Paper II : Technical Analysis of Stock Market

Total 90 hours

Unit	Topic	Hours
1	Technical Analysis	25
	1) Meaning of Technical analysis	
	2) Difference between Technical and Fundamental analysis	
	3) Benefits of Technical analysis	
	4) Basic of Candlestick	
	5) Candlestick - Bullish, Bearish	
	6) Candlestick Patterns – Bullish Engulf and bearish Engulf Bullish Piercing and Bearish Piercing Bullish Harami and Bearish Harami Morning Star and Evening Star Doji	
	7) Types of Charts – Line chart, Bar chart, Candlestick Chart	
	8) Trend – Uptrend, Downtrend and Sideways trend	
	9) Support and Resistance Levels	
	10) Find Entry, Exit, Stop loss and Target	
	11) Trend line	
	12) Chart Patterns	
2	Indicators	20
	1) Moving Averages indicator	
	2) Moving Average Convergence / Divergence (MACD)	
	3) Relative Strength Index (RSI)	
	4) Fibonacci Retracement	
	5) Pivot level	
	6) Super Trends	
	7) Bollinger Bands	
	8) Ichimoku Cloud	
	9) Standard Deviation	
	10) Stochastic Oscillator	
3	Trading in Equity Market	20
	1) Paper Trading	
	2) Positional Trading	
	3) Swing Trading	
	4) Event Based Trading	
	5) Intraday Trading	
	6) Scalping Trading	
	7) Price Action Trading	

4	Trading in Drivative Market	25
	A)	
	1) Option Chain	
	2) Option Contracts	
	3) Contract size and contract value	
	4) Contract cycle and expiry date	
	5) Call buy and Put buy	
	6) ITM, OTM and ATM	
	7) Strike price, spot price	
	8) Concept of option premium	
	9) Time Decay	
	10) Open Interest and their Analysis	
	11) Option trade analysis	
	12) Options Strategies	
	B)	
	1) Future Trading	
	2) Trading in futures vs trading in stocks	
	3) Expiry wise futures contracts	
	4) Rollover of futures contract	
	5) Algo Trading	

Paper III : Practical Course based on Paper I and II


Total 120 hours


Sr. No.	Name of Practical
1)	Web Based S/W
2)	Windows Based S/W
3)	Mobile apps Based
4)	Various D-Mat S/W
5)	Software Introduction
6)	How to open Zeroda Demat Account ?
7)	What is stock exchange – NSE and BSE role in market.
8)	S/W Log In and S/W Log Out
9)	Pay in and Pay out
10)	How to Buy and Sell?
11)	How to trade and book profit in share market ?
12)	How to Open Market Watch and Market Watch Setting
13)	Types of Order- Limit Order / Buy Order / Sell Order.
14)	Current Rate Buy/ What is LTP, Ask Rate and Bid Rate
15)	Intra-Day Buy and Sell, Delivery /Normal Buy and Sell
16)	Buy/ Sell Stop Loss and Buy Sell Target
17)	Intraday short selling
18)	Buy/Sell Trigger
19)	How to Modify Selling / Buy Order?
20)	How to Delete and Cancel Order?
21)	Delete Stop Loss / Target / Pending Order
22)	Checking Available Position
23)	Check Profit and Loss (MTM)
24)	Checking Available Margin /Limit
25)	How to Change Transaction Password?
26)	How to Check Ledger Statement?
27)	FII Selling and Buying for one month
28)	Nifty bees trading income strategy
29)	How to calculate Intrinsic value of a stock?
30)	Write balance sheet, stock market, company balance sheet, balance sheet of a company with ratio analysis.
31)	Explained any two indicators buy and sell signal.
32)	Explained swing trading of share.
33)	Explained Hedging in options trading.
34)	Candlestick chart analysis to find entry and exit point.
35)	How to do arbitrage in stock market?
36)	How to file income tax return for share trading ?


37)	What is dividend, promotor holding in depth analysis.
38)	What is Price to Earning ratio ? Give example.
39)	What is return on Equity, Dept / Equity and net profit margin.
40)	Explained – Theta, Delta, Gamma, Vega RHO in Stock Market.
41)	What are the difference between options and futures trading?
42)	How to use moving averages for stock trading?
43)	How traders fail in stock market?
44)	Explained Derivatives in stock market.
45)	Explained difference between stock and mutual fund.
46)	Explained penny stock market.
47)	How Budget can affect share market?
48)	How to use RSI indicator for technical analysis for trading and investments in stock market?
49)	Discuss the do's and don'ts in the stock market.

Reference Books:

1. Guide To Indian Stock Market by Jitendra Gala
2. One Up On Wall Street by Peter Lynch
3. Trading in the Zone by Mark Douglas
4. Coffee Can Investing by Saurabh Mukherjea, Rakshit Ranjan and Pranab Uniyal
5. The Complete Guide to Option Strategies by Michael D. Mullaney


Course Co-ordinator
(P. N. Bhirud)


HOD of Mathematics
(Dr. P. N. Tayade)


Course Convenor
(Smt. R. N. Mahajan)

