PROJECT REPORT ON "EFFECT OF DIVIDEND POLICY ON STOCK VALUATION OF SELECTED INDIAN COMPANIES"

Submitted By

APOORVA

4AL22BA009

Submitted To



VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

In partial fulfillment of the requirements for the award of the degree of

MASTER OF BUSINESS ADMINISTRATION

Under the guidance of

DR. VISHNU PRASANNA K N Professor,

PG Department of Business

Adminstration Alva's Institute of

Engineering and Technology, Mijar,

Moodbidiri



Department of MBA

Alva's Institute of Engineering & Technology, Shobhavana Campus, Mijar, Moodbidri, D.K – 574225

MAY-2024

ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

(A Unit of Alva's Education Foundation ®, Moodbidri) Affiliated to Visvesvaraya Technological University, Belagavi Approved by AICTE, New Delhi & Recognised by Government of Karnataka Accredited by NBA (CSE & ECE)

Date: 10/09/2024

CERTIFICATE

This is to certify that Apoorva bearing USN 4AL22BA009, is a bona-fide student of Master of Business Administration course of Alva's Institute of Engineering and Technology, Moodbidri for the batch 2022-2024, affiliated to Visvesvaraya Technological University, Belagavi. The Project report on "Effect of Dividend Policy on Stock Valuation of Selected Indian Companies" is prepared by her under the guidance of Dr. Vishnu Prasanna K N, Professor of Finance, in partial fulfilment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi Karnataka.

INTERNAL GUIDE

HOD

Alva's Institute of Engg. & Technology, Mijor, MOODBIDRI - 574 225, D.K

PG Dept. of Business Administration Alva's Institute of Engg. & Technology Mijar - 574225

Viva - Voce Examination

Signature of Internal Examiner

Signature of External Examiner

(Name & Affiliation)

(Name & Affiliation)

DECLARATION

l, Ms Apoorva (USN: 4AL22BA009) hereby declare that the project report on "Effect of Dividend Policy on Stock Valuation of Indian Companies" is prepared by me under the guidelines of Dr Vishnu Prasanna K N, Professor of Finance, PG Departments of Business Administration, Alva's Institute of Engineering and Technology, Mijar, Moodbidri.

I also declare that this project work is towards the partial fulfilment of the university regulations for degree of MASTER OF BUSINESS ADMINISTRATION by Visvesvaraya Technological University, Belgaum.

I have undergone a project for a period of 6 weeks. I further declare that this project is based on the original study undertaken by me and has not been submitted for the award of any degree/diploma from any other University/Institution

Date: 09/09/2024

Place: Moodbide

signature of the student

ACKNOWLEDGEMENT

I would like to take this opportunity to express my sincere gratitude to all those who have helped me throughout this project. It gives me immense pleasure to acknowledge all those who have rendered encouragement and support for the successful completion of this work.

I express my deep sense of gratitude to my internal guide Dr Vishnu Prasanna K. N Professor Dept. of the MBA., for his constant support and encouragement to carry out my project successfully without much difficulty.

I would like to express my sincere thanks to Dr. Peter Fernandes, Principal Alva's Institute of Engineering and Technology, Mijar, Moodabidiri.

I am grateful to Mrs. Priya Sequeira, HOD, MBA department, Alva's Institute of Engineering and Technology, Mijar, Moodabidiri. whose timely suggestions and encouragement support me to complete this project.

With regards,

APOORVA

TABLE OF CONTENT

CHAPTER	CHAPTERS	PAGE NO
NO		
1	INTRODUCTION	1
1.1	Introduction to the study	2-3
2	CONCEPTUAL BACKGROUND AND LITERATURE	4
	REVIEW	
2.1	The theoretical background of the study	5
2.2	Literature review with a research gap	5-8
3	RESEARCH DESIGN	9
3.1	Statement of The Problem	10
3.2	Need of The Study	10
3.3	Objectives	10
3.4	Scope of The Study	11
3.5	Research Methodology	11-12
3.6	Hypothesis of The Study	12-13
3.7	Limitations	13
3.8	Chapter Schemes	13
4	ANALYSIS AND INTERPRETATION	14
4.1	Descriptive Analysis	15-23
4.2	Regression Analysis	24-30
4.3	Compounded annual growth rate	30-31
4.4	Walter model & Correlation	31-50
4.5	Gordon Model & Correlation	50-57
5	FINDINGS, SUGGESTIONS, AND CONCLUSIONS	58
5.1	Summary of Findings	59-60
5.2	Suggestions	60
5.3	Summary	60-61
5.4	Conclusion	61-62
	BIBLIOGRAPHY	63-64

LIST OF TABLES

Table	Title	Page
No.		No.
4.1.1	Descriptive analysis of dividend and stock price of Banco Products	15
	(India) ltd	
4.1.2	Descriptive analysis of dividend and stock price of Power Grid	16
	Corporation of India	
4.1.3	Descriptive analysis of dividend and stock price of NBCC (India) ltd	16-17
4.1.4	Descriptive analysis of dividend and stock price of Gail (India) ltd	17-18
4.1.5	Descriptive analysis of dividend and stock price of Coal India	18-19
4.1.6	Descriptive analysis of dividend and stock price of Power Finance	19-20
	Corporation	
4.1.7	Descriptive analysis of dividend and stock price of Hindustan Zinc ltd	20-21
4.1.8	Descriptive analysis of dividend and stock price of Balmer Lawrie ltd	21
4.1.9	Descriptive analysis of dividend and stock price of PTC ltd	22
4.1.10	Descriptive analysis of dividend and stock price of Indian Card Clothing	23
	Company ltd	
4.2.1	Regression analysis of dividend and stock price of Banco Products	24
	(India) ltd	
4.2.2	Regression analysis of dividend and stock price of power Grid	24-25
	Corporation of India	
4.2.3	Regression analysis of dividend and stock price of NBCC (India) ltd	25
4.2.4	Regression analysis of dividend and stock price of Gail (India) ltd	26
4.2.5	Regression analysis of dividend and stock price of Coal India	26-27
4.2.6	Regression analysis of dividend and stock price of Power Finance	27
	Corporation	
4.2.7	Regression analysis of dividend and stock price of Hindustan Zinc ltd	27-28
4.2.8	Regression analysis of dividend and stock price of Balmer Lawrie ltd	28-29
4.2.9	Regression analysis of dividend and stock price of PTC ltd	29
4.2.10	Regression analysis of dividend and stock price of Indian Card Clothing	29-30
	Company ltd	
4.3.1	Compounded Annual Growth Rate	30-31
4.4.1	Walter model of Banco Product (India) ltd	31-32
4.4.2	Correlation Analysis on Walter and price for 2023	32

4.4.3	Correlation Analysis on Walter and price for 2022	32
4.4.4	Correlation Analysis on Walter and price for 2021	33
4.4.5	Correlation Analysis on Walter and price for 2020	33
4.4.6	Correlation Analysis on Walter and price for 2019	33
4.4.7	Walter model of Power Grid Corporation of India	33-34
4.4.8	Correlation Analysis on Walter and price for 2023	34
4.4.9	Correlation Analysis on Walter and price for 2022	34
4.4.10	Correlation Analysis on Walter and price for 2021	35
4.4.11	Correlation Analysis on Walter and price for 2020	35
4.4.12	Correlation Analysis on Walter and price for 2019	35
4.4.13	Walter model of NBCC (India) ltd	35-36
4.4.14	Correlation Analysis on Walter and price for 2023	36
4.4.15	Correlation Analysis on Walter and price for 2022	36
4.4.16	Correlation Analysis on Walter and price for 2021	37
4.4.17	Correlation Analysis on Walter and price for 2020	37
4.4.18	Correlation Analysis on Walter and price for 2019	37
4.4.19	Walter model of Gail (India) ltd	37-38
4.4.20	Correlation Analysis on Walter and price for 2023	38
4.4.21	Correlation Analysis on Walter and price for 2022	38
4.4.22	Correlation Analysis on Walter and price for 2021	39
4.4.23	Correlation Analysis on Walter and price for 2020	39
4.4.24	Correlation Analysis on Walter and price for 2019	39
4.4.25	Walter model of Coal India	39-40
4.4.26	Correlation Analysis on Walter and price for 2023	40
4.4.27	Correlation Analysis on Walter and price for 2022	40
4.4.28	Correlation Analysis on Walter and price for 2021	41
4.4.29	Correlation Analysis on Walter and price for 2020	41
4.4.30	Correlation Analysis on Walter and price for 2019	41-42
4.4.31	Walter model of Hindustan Zinc ltd	42
4.4.32	Correlation Analysis on Walter and price for 2023	42-43
4.4.33	Correlation Analysis on Walter and price for 2022	43
4.4.35	Correlation Analysis on Walter and price for 2021	43
4.4.34	Correlation Analysis on Walter and price for 2020	43-44
4.4.35	Correlation Analysis on Walter and price for 2019	44
4.4.36	Walter model of Balmer Lawrie ltd	44-45

4.4.37	Correlation Analysis on Walter and price for 2023	45
4.4.38	Correlation Analysis on Walter and price for 2022	45
4.4.3	Correlation Analysis on Walter and price for 2021	45
4.4.39	Correlation Analysis on Walter and price for 2020	45-46
4.4.40	Correlation Analysis on Walter and price for 2019	46
4.4.41	Walter model of PTC ltd	46-47
4.4.42	Correlation Analysis on Walter and price for 2023	47
4.4.43	Correlation Analysis on Walter and price for 2022	47
4.4.44	Correlation Analysis on Walter and price for 2021	47
4.4.45	Correlation Analysis on Walter and price for 2020	48
4.4.46	Correlation Analysis on Walter and price for 2019	48
4.4.47	Walter model of Indian Card Clothing Companies ltd	48-49
4.4.48	Correlation Analysis on Walter and price for 2023	49
4.4.49	Correlation Analysis on Walter and price for 2022	49
4.4.50	Correlation Analysis on Walter and price for 2021	49
4.4.51	Correlation Analysis on Walter and price for 2020	49-50
4.4.52	Correlation Analysis on Walter and price for 2019	50
4.5.1	Gordon Model of Banco Products (India)Ltd	50
4.5.2	Correlation Analysis on Gordon and price	51
4.5.3	Gordon Model of Power Grid Corporation of India	51
4.5.4	Correlation Analysis on Gordon and price	51-52
4.5.5	Gordon Model of NBCC	52
4.5.6	Correlation Analysis on Gordon and price	52
4.5.7	Gordon Model of GAIL (India)	53
4.5.8	Correlation Analysis on Gordon and price	53
4.5.9	Gordon Model of COAL (India)	53-54
4.5.10	Correlation Analysis on Gordon and price	54
4.5.11	Gordon Model of Hindustan Zinc	54-55
4.5.12	Correlation Analysis on Gordon and price	55
4.5.13	Gordon Model of Balmer Lawrie Ltd	55
4.5.14	Correlation Analysis on Gordon and price	55-56
4.5.15	Gordon Model of PTC	56
4.5.16	Correlation Analysis on Gordon and price	56
4.5.17	Gordon model of Indian Card Clothing Companies Ltd	57
4.5.18	Correlation Analysis on Gordon and price	57

Executive Summary

This empirical study explores the intricate relationship between dividend policy and stock valuation, employing regression analysis, descriptive analysis, compounded annual growth rate (CAGR), the Walter Model, and the Gordon Growth Model. The study examines various dividend policies, including stable, constant payout ratio, residual, and no dividend policies, to understand their impact on stock prices.

Descriptive analysis ensures data accuracy, providing a clear summary of key financial metrics. Regression analysis uncovers a positive relationship between consistent dividend payouts and higher stock valuations, indicating that stable dividends enhance investor confidence and perceived financial stability. The study also calculates CAGR to assess the growth rate of dividends and stock prices over time, demonstrating the long-term effects of different dividend policies.

The Walter Model and Gordon Growth Model are utilized to value stocks based on dividend payments. The Walter Model considers the return on investment and the cost of equity, while the Gordon Growth Model calculates the present value of expected future dividends with a constant growth rate. These models highlight the significance of dividends in determining intrinsic stock value.

Findings indicate that companies with stable dividend policies tend to have higher stock valuations, attracting income-focused investors. Firms with high growth potential often reinvest earnings rather than distribute dividends, leading to valuations based on future growth prospects.

Overall, the study confirms that dividend policy is crucial in stock valuation, influencing investor perceptions and market behavior. The results underscore the importance of dividend strategies in analyzing and forecasting stock prices, providing valuable insights for investors, policymakers, and market participants. Detailed methodology and results are available in the full research report.