DETERMINANTS OF STOCK PRICE OF LISTED COMPANIES IN NEPAL STOCK EXCHANGE

By ANUPAMA SAWAD Shanker Dev Campus

T.U. Regd. No.: 7-2-327-628-2002 Campus Roll No.: 1689/062

A Thesis Submitted to:
Office of the Dean
Faculty of Management
Tribhuvan University

In partial fulfillment of the requirement for the degree of Master of Business Studies (MBS)

Kathmandu, Nepal September 2010

DETERMINANTS OF STOCK PRICE OF LISTED COMPANIES IN NEPAL STOCK EXCHANGE

Submitted By:
Anupama Sawad
Shankar Dev Campus
T.U Regd.No. 7-2-327-628-2002
Campus Roll No.: 1689/062
Exam Roll No. 3221/2065

A Thesis Submitted to: Office of the Dean Faculty of Management Tribhuvan University

In partial fulfillment of the requirement for the Degree of Masters of Business Studies (M.B.S)

September, 2010

RECOMMENDATION

This is to certify that the thesis

Submitted by:

ANUPAMA SAWAD

Entitled:

DETERMINANTS OF STOCK PRICE OF LISTED COMPANIES IN NEPAL STOCK EXCHANGE

has been prepared as approved by this Department in the prescribed format of the Faculty of Management. This thesis is forwarded for examination.

Rita Maskey Prof. Bishweshor Man Shrestha Prof. Dr. Kamal Deep Dhakal
(Thesis Supervisor) (Head, Research Department) (Campus Chief)

VIVA-VOCE SHEET

We have conducted the viva -voce of the thesis presented

By ANUPAMA SAWAD

Entitled:

DETERMINANTS OF STOCK PRICE OF LISTED COMPANIES IN NEPAL STOCK EXCHANGE

And found the thesis to be the original work of the student and written according to the prescribed format. We recommend the thesis to be accepted as partial fulfillment of the requirement for the degree of

Master of Business Studies (MBS)

Viva-Voce Committee

Head, Research Department	
Member (Thesis Supervisor)	
Member (External Expert)	

DECLARATION

I hereby declare that the work reported in this thesis entitled "DETERMINANTS OF STOCK PRICE OF LISTED COMPANIES IN NEPAL STOCK EXCHANGE" submitted to Office of Dean, Faculty of Management, Tribhuvan University, is my own created work done in the form of partial fulfillment of the requirement for the Master's Degree in Business Study (M.B.S) under the supervision of my respected thesis supervisor Ms. Rita Maskey, Lecturer of Shanker Dev Campus, Tribhuvan University.

.....

Anupama Sawad

Researcher

T.U. Regd.No: 7-2-327-628-2002

Campus Roll No.: 1689/062

ACKNOWLEDGEMENT

This thesis is the outcome of continuous and immeasurable cooperation and support

of the several hands. With my sincere obligation, I express my deep sense of gratitude

to all those who provided their valuable support by extending and sharing valuable

time, efforts, views and inspection in the course of preparing this research work in the

present form.

First of all, I express my indebtedness to my respected supervisor Ms. Rita Maskey of

Shanker Dev Campus for her generous guidance, valuable comments, inspiration and

encouragement for the preparation of this study.

I would like to express my gratitude to the staffs of Shanker Dev Campus, Central

Library, NEPSE Staff and Security Board Library staffs who helped and provided me

with necessary information and data needed for this research work. I also owe my

thankfulness to the authors and publishers whose work has provided me necessary

guidance and invaluable materials for the enrichment of my research paper in all the

way possible.

Finally, my appreciation for the encouragement and enthusiastic support I got from

my friends, family and colleagues in different ways whenever and wherever needed.

In addition, special thanks to my elder brother Nabin Sawad for providing me his

generous support and encouragement.

Anupama Sawad

Researcher

Shanker Dev Campus

TABLE OF CONTENTS

Rec	ommendation	
Viva	a Voce Sheet	
Dec	laration	
Ack	nowledgements	
Tab	le of Contents	
List	of Tables	
List	of Figures	
	previations	
CHA	APTER – I: INTRODUCTION	Page No
1.1	General Background of the Study	1
	1.1.1 Money Market	2
	1.1.2 Capital Market	2
	1.1.3 Security Market	3
	1.1.4 Constituent of Capital Market in Nepal	4
1.2	Statement of Problem	8
1.3	Objectives of the Study	9
1.4	Significance of the Study 1	
1.5	Limitations of the Study	11
1.6	Organization of the Study	11
CHA	APTER – II: REVIEW OF LITERATURE	
2.1	Introduction	13
2.2	Conceptual Framework of Financial Market	13
	2.2.1 Capital Market	13
	2.2.2 Security Market	14
	2.2.3 Stock Exchange	15
	2.2.4 Price Determination	17
	2.2.5 Theory of Price Behavior	18

	2.2.5.1 Inefficient Market Theory	18
	2.2.5.2 Efficient Market Theory	25
2.3	Review of Journal and Article	29
2.4	Review of Master's Thesis	34
СНА	APTER – III: RESEARCH METHODOLOGY	
3.1	Introduction	41
3.2	Research Design	41
3.3	Variables	41
3.4	Population and Sample	42
3.5	Sources of Data	43
3.6	Data Collection Techniques	43
3.7	Data Analysis Tools	43
	3.7.1 Financial Tools	44
	3.7.2 Statistical Tools	48
CHA	APTER- IV: DATA PRESENTATION AND ANALYSIS	
4.1	Introduction	52
	4.1.1 Analysis of Individual Company	54
4.2	Relationship between EPS, DPS & BVPS to MVPS	57
	4.2.1 Correlation & Regression Analysis of NABIL	57
	4.2.2 Correlation & Regression Analysis of BOK	61
	4.2.3 Correlation & Regression Analysis of NFC	64
	4.2.4 Correlation & Regression Analysis of LFC	67
	4.2.5 Correlation & Regression Analysis of SDBL	70
	4.2.6 Correlation & Regression Analysis of ACEDBL	73
4.3	Price Situation of the Stocks of Listed Companies	76
4.4	Analysis of Primary Data	79
	4.4.1 Higher the Earnings (EPS), Higher the Share Price	80
	4.4.2 Higher the Cash Dividend, Higher the Share Price	81
	4.4.3 Lower the Growth Rate (g), Higher the Share Price	82
	4.4.4 Higher the Interest Rate (r), Higher the Share Price	83

	4.4.5	Higher the Retention Ratio, Better the Share Price	84
	4.4.6	Stock Dividend Increases the Share Price	85
	4.4.7	Higher Cost of Equity Reduces the Share Price	86
	4.4.8	Instability of the Government Causes fall in the Share Price	87
	4.4.9	Cease-Fire/Peace Talk Affect Positively the Share Price	88
	4.4.10	Better the National Economy, Better the Share Price	89
	4.4.11	Higher the Market Liquidity, Lower the Share Price	90
	4.4.12	Higher the Risk, Higher the Share Price	91
	4.4.13	Larger Companies have Higher Share Price	92
	4.4.14	Share Price Increases with change in the Management	93
	4.4.15	Lower the BVPS, Higher the Share Price	94
	4.4.16	Share Price is Influenced by Demand & Supply	95
	4.4.17	Rumors and Whims Affect the Share Price	96
	4.4.18	Capital Market is not Developed due to Poor	
		Regulatory Mechanism	97
	4.4.19	Listed Companies are not serious towards	
		Shareholder's Interest	98
	4.4.20	NEPSE and SEBO are not able to Protect	
		Shareholder's Interest	99
4.5	Major	findings of the Study	100
	4.5.1	Findings from Secondary Data Analysis	100
	4.5.2	Major findings from Primary Data Analysis	102
СНАІ	PTER _	V: SUMMARY, CONCLUSION & RECOMMENDATION	
CIIIII		v. selvivilli, conceesson a reconstendino	
5.1	Summ	ary	103
5.2	Conclu	asion	104
5.3	Recon	nmendations	106

BIBLIOGRAPHY APPENDIX

LIST OF TABLES

Table	e No. Titles	Page No.
1.1	Trading Timing of NEPSE	6
1.2	Board of Directors of NEPSE	6
4.1	Listed Companies by the End of the Fiscal Year 2008/09	53
4.2	Listed Companies under Study	54
4.3	Analysis of Individual Company	55
4.4	Summary of the Financial Performance of NABIL	58
4.5	Relationship of EPS, DPS and BVPS with MVPS	58
4.6	Summary of the Financial Performance of BOK	62
4.7	Relationship of BVPS, EPS and DPS with MVPS	62
4.8	Summary of the Financial Performance of NFC	65
4.9	Relationship of BVPS, EPS and DPS with MVPS	65
4.10	Summary of the Financial Performance of LFC	68
4.11	Relationship of BVPS, EPS and DPS with MVPS	68
4.12	Summary of the Financial Performance of SDBL	71
4.13	Relationship of BVPS, EPS and DPS with MVPS	71
4.14	Summary of the Financial Performance of ACEDBL	74
4.15	Relationship of BVPS, EPS and DPS with MVPS	74
4.16	Price Situations of Common Stock of listed Companies	77
4.17	Higher the Earnings (EPS), Higher the Share Price	80
4.18	Higher the Cash Dividend, Higher the Share Price	81
4.19	Lower the Growth Rate (g), Higher the Share Price	82
4.20	Higher the Interest Rate (r), Higher the Share Price	83
4.21	Higher the Retention Ration, Better the Share Price	84
4.22	Stock Dividend Increases the Share Price	85
4.23	Higher Cost of Equity (Ke) Reduces the Share Price	86
4.24	Instability of Government Reduces the Share Price	87
4.25	Cease-Fire/Peace Talk Positively Affect the Share Price	88
4.26	Better the National Economy, Better the Share Price	89
4.27	Higher the Market Liquidity, Lower the Share Price	90
4.28	Higher the Risk, Higher the Share Price	91
4.29	Larger Companies have Higher Share Price	92
4.30	Share Price Increases with Change in Management	93
4.31	Lower the BVPS, Higher the Share Price	94
4.32	Share Price is affected by Demand and Supply	95
4.33	Rumors and Whims Affect the Share Price	96
4.34	Capital Market is not well developed due to	
	Poor Regulatory Mechanism	97
4.35	Listed Companies are not serious towards	
	Shareholder's Interest	98
4.36	NEPSE and SEBO/N are able to Protect	
	Shareholder's Interest	99

LIST OF FIGURES

Figure	No. Titles	Page No.
4.1	No. of Listed Companies in Nepal	54
4.2	Relationship of EPS, DPS and BVPS with MVPS of NABIL	60
4.3	Relationship of EPS, DPS and BVPS with MVPS of BOK	63
4.4	Relationship of MVPS with EPS, DPS & BVPS of NFC	66
4.5	Relationship of MVPS with EPS, DPS & BVPS of LFC	69
4.6	Relationship of MVPS with EPS, DPS & BVPS of SDBL	72
4.7	Relationship of MVPS with EPS, DPS & BVPS of ACEDBL	75
4.8	Required Rate of Return and Average Rate of Return of Companies Under study	79
4.9	Higher the Earnings(EPS), Higher the Share Price	80
4.10	Higher the Cash Dividend, Higher the Share Price	81
4.11	Lower the Growth rate(g), Higher the Share Price	82
4.12	Higher the Interest Rate(r), Higher the Share Price	83
4.13	Higher the Retention Ratio, Better the Share Price	84
4.14	Stock Dividend Increases the Share Price	85
4.15	Higher Cost of Equity (Ke) Reduces the Share Price	86
4.16	Instability of Government Reduces the Share Price	87
4.17	Cease-Fire/Peace Talk Positively Affect the Share Price	88
4.18	Better the National Economy, Better the Share Price	89
4.19	Higher the Market Liquidity, Lower the Share Price	90
4.20	Higher the Risk, Higher the Share Price	91
4.21	Larger Companies have Higher Share Price	92
4.22	Share Price Increases with Change in Management	93
4.23	Lower the BVPS, Higher the Share Price	94
4.24	Share Price is affected by Demand and Supply	95
4.25	Rumors and Whims Affect the Share Price	96
4.26	Capital Market is not well developed due to	
	Poor Regulatory Mechanism	97
4.27	Listed Companies are not serious towards	
	Shareholder's Interest	98
4.28	NEPSE and SEBO/N are able to Protect	
	Shareholder's Interest	99

LIST OF ABBREVIATIONS

& = And

ACEDBL = Ace Development Bank Limited

ADB = Asian Development Bank AGM = Annual General Meeting

BOD = Board of Directors BOK = Bank of Kathmandu

B.S. = Bikram Sambat (Abbreviation of Bikram Era)

BVPS = Book Valur per Share

CAPM = Capital Assets Pricing Model
CV = Coefficient of Variation
DPS = Dividend per Share
d.f. = Degree of Freedom
EPS = Earning per Share

FNCCI = Federation of Nepalese Chamber of Commerce and Industried

 $\begin{array}{lll} g & = & Growth \ Rate \\ H_0 & = & Null \ Hypothesis \\ H_1 & = & Alternative \ Hypothesis \\ HPR & = & Holding \ Period \ Return \end{array}$

i.e. = That is

ICAN = Institute of Chartered Accountants of Nepal

IMF = International Monetary Fund
 IPO = Initial Public Offerings
 LFC = Lalitpur Finance Company

Ltd. = Limited

MBS = Masters in Business Studies
MVPS = Market Value per Share
NABIL = Nabil Bank Limited
NEPSE = Nepal Stock Exchange

NFC = National Finance Company now Narayani National Finance

Company

NIDC = Nepal Industrial Development Corporation

r = Correlation of Coefficient r² = Coefficient of Determination

Rs. = Rupees

S.N. = Serial Number SD = Standard Deviation

SDBL = Siddhartha Development Bank Limited

SEBO/N = Security Board of Nepal SMC = Security Exchange Centre x = Value of Independent variable y = Value of dependent variable