THE EFFECT OF SIZE, GROWTH AND INDUSTRY VARIATION ON FINANCIAL STRUCTURE

By: REKHA PANDIT

Shanker Dev Campus Campus Roll No.: 476/063 T.U. Regd. No.: 7-1-329-81-98

2nd Year Exam Symbol No.: 2735

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 March, 2014

RECOMMENDATION

This is to certify that the thesis

Submitted by:

RekhaPandit

Entitled

"THE EFFECT OF SIZE, GROWTH AND INDUSTRY VARIATION ON FINANCIAL STRUCTURE"

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

Prof. ShnehalataKafle Thesis Supervisor	Prof. Dr. Kmal Deep Dhakal Chairman Research Committee	Asso. Prof. Prakash Singh Pradhan Campus Chief ShankerDev Campus
Date:		

VIVA-VOCE SHEET

We have conducted the viva-voce examination of the thesis presented by

RekhaPandit

Entitled

"THE EFFECT OF SIZE, GROWTH AND INDUSTRY VARIATION ON FINANCIAL STRUCTURE"

and found the thesis to be the original work of the student written according to the prescribed format. We recommend this thesis to be accepted as partial fulfillment of the requirements for Master of Business Studies (M.B.S.)

Viva-voce Committee

Member (Thesis Supervisor):	
Chairperson, Research Committee:	
Member (Campus Chief):	
Member (External Expert):	
Date:	

TRIBHUVANUNIVERSITY

FACULTY OF MANAGEMENT ShankerDev Campus

Ramshah Path, Kathmandu, Nepal

DECLARATION

I hereby declare that the work reported in this thesis entitled "The Effect of Size, Growth and Industry Variation on Financial Structure" submitted to ShankerDev Campus, is my original work. It is done in the form of partial fulfillment of the requirements for the Master of Business Studies (M.B.S.) under the supervision and guidance of Associate Professor Mrs. ShnehalataKafle.

RekhaPandit

Researcher Roll No. 476/063 TU REGD.No.7-1-38-1215-97 2nd Year S.N. 2029 ShankerDevCampus

Date:

ACKNOWLEDGEMENT

With my sincere obligation,I would like to express my deep gratitude to all individuals who have helped me by extending and sharing valuable time, efforts, views, inspection etc. in the course of completing this thesis.

At the onset, I would like to express deep indebtedness to my supervisor **Prof. ShnehalataKafle, ShankerDevCampus**,Ramshah Path, Kathmandu, for his noble guidance, valuable suggestions, continuous inspiration, and affectionate behave during this research work.

I am very grateful to **Associate Prof.Prakash Sing Pradhan**, Campus Chief and all members of the Research Departmentfor providing many suggestions and encouraging for this research work.

I am also grateful to all the respondents for providing information for this research work, without their kind co-operation this research work could not have been prepared. I would like to acknowledge all the administrative staff of TU and SEBO library for their suggestions and co-operation in searching the desired information for the study. I would like to thank all my friends for their help, co-operation and inspiration for this research work.

Needless to Say, I alone am responsible for any deficiencies that may have remained in this research report.

.....RekhaPandit

TABLE OF CONTENTS

		Page No.
Reco	mmendation	i
Viva	voce Sheet	ii
Decl	aration	iii
Ackn	owledgement	iv
List	of Tables	v
List	of Figures	vi
Abbr	eviation	vii
CHA	PTER -ONE	
INT	RODUCTION	1-6
1.1	Background	1
1.2	Statement of the Problem	2
1.3	Objectives of the Study	4
1.4	Limitations of the study	5
1.5	Organization of the Study	5
CHA	PTER – TWO	
LIT	ERATURE REVIEW	7-36
2.1.	Theoretical Framework	7
	2.1.1. Concept of financial structure	7
	2.1.2 Concept of capital structure	8
	2.1.3 Capital structure controversy/approaches to capital struc	ture 8
2.2	Review of Major Empirical Studies	18
2.3	Unpublished Thesis	33
2.4	Concluding Remarks	35
CHA	PTER – THREE	
RES	EARCH METHODOLOGY	37-45
3.1	Research Design	37
3.2	Sample Selection	37
3.3	Nature and Source of Data	38
3.4	Method of Data Analysis	39
3.5	Key Terms and Variables Defined	43

CHAPTER – FOUR

PRESENTATION AND ANALYSIS OF DATA		46-68
4.1	Analysis of Secondary Data	
	4.1.1 Leverage structure on the Selected Companies	46
	4.1.2 Properties of Portfolio Formed on Size and Growth Rate	51
	4.1.3 Econometric Analysis	57
4.2	Analysis of primary Data	61
4.3	Concluding Remarks	65
4.4	Major Findings	66
СНА	APTER -FIVE	
SUM	IMARY, CONCLUSION & RECOMMENDATION	69-71
5.1	Summary	69
5.2	Conclusion	70
5.3	Recommendation for Further Research	71
Bibli	iography	
Appe	endixes	

LIST OF TABLES

		Page No.
Table: 3.1	Selected companies and study period	38
Table: 3.2	Representation of sample in total listed Manufacturing companies	38
Table: 4.1	Total Debt to Total Assets Ratio (%)	47
Table: 4.2	Long-term Debt to Total Assets Ratio (%)	49
Table: 4.3	Current Liabilities to Total Assets Ratio (%)	50
Table: 4.4	Properties of Portfolios Formed on Size	53
Table: 4.5	Movements of Financial Ratios with Size of the Enterprises	54
Table: 4.6	Regression Results for Portfolio Formed on Size	55
Table: 4.7	Properties of Portfolios Formed on Growth Rate	56
Table: 4.8	Movement of Financial Ratios with Growth Rate on Sales of the Enterprises	56
Table: 4.9	Regression Results for Portfolio Formed on Growth Rate	57
Table: 4.10	Corporate Size, Growth and Leverage Ratios	58
Table: 4.11	Industry Variation and Leverage Ratios	60
Table: 4.12	No. of responses regarding the leverage Structure of the companies	61
Table: 4.13	Rank wise no. of responses on factors affecting Company's borrowing	62
Table: 4.14	No. of responses on factors affecting Company's borrowing	63

LIST OF FIGURE

		Page No.
Figure: 2.1.a	Cost of Capital and Leverage under NI Approach	11
Figure: 2.1.b	Value of the firm and Leverage under NI Approach	11
Figure: 2.2.a	Cost of Capital and Leverage under NOI Approach	12
Figure: 2.2.b	Value of the firm and Leverage under NOI Approach	13
Figure: 2.3.a	Leverage and Cost of Capital under	
	Traditional Approach	13
Figure: 2.3.b	Leverage and Volume of Firm under	
	Traditional Approach	14
Figure: 2.4.a	Cost of Capital and Leverage under m-m Approach	16
Figure: 2.4.b	Cost of Capital and Leverage under m-m Approach	18
Figure: 4.1	Yearly average TD/TA ratios along with regression trend value	s 48
Figure: 4.2	Yearly average LD/TA ratios along with regression trend value	s 49
Figure: 4.3	Yearly average CL/TA ratios along with regression trend value	s 51

ABBREVIATIONS / ACRONYMS

NI : Net Income

NOI : Net Operating Income M-M : Modigliani and Miller USA : United States of America

UK : United Kingdom

D/E : Dividend Payout Ratio

i.e. : That isetc. : etceterap. : pagepp. : pages

e.g. : for example

NEPSE : Nepal Stock Exchange SEBO/N : Security Board / Nepal

CR : Current Ratio

T.U. : Tribhuvan UniversityPh. D. : Doctor of Philosophy

Dr. : Doctor Prof. : Professor Vol. : Volume

FAT : Fixed Assets Turnover
TAT : Total Assets Turnover
CAT : Current Assets Turnover

TD/TA : Total Debt to Total Assets Ratio

LD/TA : Long-term Debt to Total Assets Ratio CL/TA : Current Liabilities to Total Assets Ratio

ROA : Return on Shareholders Equity

BNL : Bottlers Nepal Ltd.

BNTL : Bottlers Nepal (Terai) Ltd.
SRJML : Shree Raghupati Jute Mills Ltd.

JSML : Jyoti Spinning Mills Ltd.

SAVUL : Shree ArunVanaspatiUdyog Ltd.

NLOL : Nepal Lube Oil Ltd.

SBPPNL : Shree Bhrikuti Pulp and Paper Nepal Ltd.

SRSML : Sri Ram Sugar Mills Ltd.

NBBUL : Nepal Bitumen and Barrel Udyog Ltd.NVGIL : Nepal Vegetable Ghee Industries Ltd.

NLL : Nepal Lever Ltd.

HTIL : Himgiri Textile Industries Ltd.

CCC : Cash Conversion Cycle

a/c : account

p/l : profit and Loss

Arrange in Alphabetic order.....