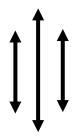
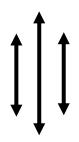
A CASE STUDY OF RISK AND RETURN ANALYSIS ON COMMON STOCK OF COMMERCIAL BANKS IN NEPAL

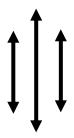


A Thesis Submitted to:
Office of the Dean
Faculty of Management
Tribhuvan University



By:
Kamal Prasad Sharma
Shree Saheed Smriti Multiple Campus
Ratnanagar, Chitwan

T.U. Registration Number: 21802-89 Exam Roll No.: 738/065 (Final Year)



In partial fulfillment of the requirement for the Degree of
Master of Business Studies (M.B.S.)
Chitwan, Nepal
March, 2011

RECOMMENDATION LETTER

This is to certify that the thesis:

Submitted by

KAMAL PRASAD SHARMA

Entitled

A CASE STUDY OF RISK AND RETURN ANALYSIS ON COMMON STOCK OF COMMERCIAL BANKS IN NEPAL

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

•••••••••••••••••••••••••••••••••••••••	•••••	•••••	
Thesis Supervisor	Chairperson	Programme In - Charge	Campus Chief

Date: 01st March. 2011

VIVA – VOCE SHEET

We have conducted the viva-voce examination of the thesis

Submitted by:

Kamal Prasad Sharma

Entitled

A CASE STUDY OF RISK AND RETURN ANALYSIS ON COMMON STOCK OF COMMERCIAL BANKS IN NEPAL

And found the thesis to be original work of the student written according to the prescribed format. We recommend the thesis to be accepted as partial fulfillment of the requirement for Master's Degree in Business Studies (M.B.S.)

VIVA - VOCE COMMITTEE

Head of Research Department:	
Thesis Supervisor:	
Thesis Supervisor:	
Member (External Expert):	
Date:	

DECLARATION

I hereby declare that the work reported in this thesis entitled "A Case Study of Risk and

Return Analysis on Common Stock of Commercial Banks in Nepal" submitted to Shree

Shaheed Smriti Multiple Campus, Faculty of Management, Tribhuvan University is my

original work done in the form of partial fulfillment of the requirement for the Master of

Business Studies (M.B.S.) under the guidance and supervision of Mr. Shree Khimananda

Aryal (Subash Aryal) Shree Shaheed Smriti Multiple Campus, Ratananagar, Chitwan.

1st March, 2011

Kamal Prasad Sharma

(Researcher)

Exam Roll No: 738/066 (Final Year)

T.U. Registration Number: 21802 -89

Shree Shaheed Smritit Multiple Campus.

ACKNOWLEDGEMENTS

This thesis entitled A CASE STUDY OF RISK AND RETURN ANALYSIS ON COMMON STOCK OF COMMERCIAL BANKS IN NEPAL is prepared for partial fulfilment of the requirement for the master's degree in Business Studies under the faculty of Management of the Shree Shaheed Smritee Multiple Campus Ratnanagar, Chitwan.

This thesis mainly focuses for the risk and return analysis on common stock of commercial banks in Nepal using the latest five years data (i.e. FY 2003/04 to 2008/09). This thesis analyzes the risk return of five joint venture commercial banks, correlation between the return and trend of return of concern banks. Every energetic investor should know about the various aspects of risk return of concern asserts which can help him/her to estimate the future return along with risk. This thesis put forth a small attempt about this.

This study reported here is not only due to the effort of the researcher but also the result of synergetic effort of various resource persons. Thus first of all, I wish to express my deep sense of gratitude to Mr. Khimananda Aryal, thesis supervisor, for his encouragement and providing enough ideas to complete this thesis. Similarly I like to express thanks for providing valuable suggestion and administrative support to Campus Chief Mr. Krishna Subedi, MBS Programme Co-ordinator Mr. Surendra Regmi and other my respected Lecturers.

I also take this opportunity to express my sincere and respectful regards to my father Chandra Prasad Sharma, mother Gangadevi Sharma and especially my wife Anjana Ghimire for stimulating me towards the path of my academic pursuit. I also thank to my brother Ram Prasad Sharma for financial support, daughter Kanchan Paudel and son Kapil Paudel for creating sound academic environment at home. I also express my gratitude to my friends I. P. Lamichanne and Pradeep Paudel, Ghanasham Bhusal Bindu Paudel, Santosh Paudel for their kind cooperation and Umakanta Tripathi, Chandrakala Chapagain, for creative suggestion and help. I also express my thanks to the administrative staff of Shree Shaheed Smritee Multiple Campus Ratnanagar, Chitwan for their kind co-operation during my study period.

Last but not the least; I want to express my special thanks to Mr. Hari Subedi, Shankar Ghimire and Shashi Acharya for the excellent computer work.

1st March, 2011

Kamal Prasad Sharma Khairahani-4, Chitwan

TABLE OF CONTENTS

			Page
RE	CO	MMENDATION	
VI	VA-	VOCE SHEET	
DE	<i>CL</i>	ARATION	i
AC	KN	OWLEDGEMENT	ii
TA	BLI	E OF CONTENT	iii
LIS	ST C	OF TABLES	v
LIS	ST C	OF FIGURES	vi
AB	BR	EVIATION	vii
CE	IAP	TER I : INTRODUCTION	1-10
1.1		Background of the Study	1
1.2		Focus of Study	5
1.3		Statement of Problems	6
1.4		Objective of Study	7
1.5		Significance of the Study	8
1.6		Limitation of Study	8
1.7		Structure of the Study	9
CE	IAP	TER II : REVIEW OF LITERATURE	11-38
2.1		Conceptual Framework	11
2.2		Reviews from Related Studies	22
	2.2	.1 Review from Journals	23
	2.2	.2 Review from Nepalese Studies	25
	2.2	.3 Review from Thesis	28
2.3		Research Gap	38
CE	IAP	TER III : RESEARCH METHODOLOGY	39-48
3.1		Research Design	39
3.2		Source of Data	39
		Population and Samples	40
3.4		Data Analysis Tools	41
	3.4	.1 Market Price of Stock	41
	3.4	.2 Dividend	41
	3.4	.3 Return on Common Stock	42
	3.4	.4 Expected Rate of Return on Common Stock	42
	3.4	.5 Return on Market	43
	3 4	6 Expected Return on Market	43

	3.4	4.7 Standard Deviation	44
	3.4	4.8 Coefficient of Variation	44
	3.4	4.9 Beta Coefficient	45
	3.4	4.10 Correlation Coefficient	45
	3.4	4.11 Portfolio Risk and Return	46
	3.4	4.12 Risk Minimizing Portfolio	47
	3.4	4.13 Partitioning of Total Risk	48
3.5		Methods of Analysis and Presentation	48
CI	HAI	APTER IV: DATA PRESENTATION AND ANALYSIS	49-95
4.1		Analysis of Individual Commercial Banks	49
	4.1	1.1 Standard Chartered Bank Nepal Limited	49
	4.1	1.2 Nepal Arab Bank Ltd	54
	4.1	1.3 Himalayan Bank Limited	59
	4.1	1.4 Everest Bank Ltd	63
	4.1	1.5 Nepal Investment Bank Ltd	67
4.2		Inter Bank Comparison	72
	4.2	2.1 On the Basis of Risk and Return Analysis	72
	4.2	2.2 On the Basis of Market Capitalization	73
4.3		Analysis of Market Risk and Return	75
4.4		Comparison of Sample Banks with Market	
	4.4	4.1 Standard Chartered Bank Nepal Limited	78
	4.4	4.2 Nepal Arab Bank Limited	80
	4.4	4.3 Himalayan Bank Limited	81
	4.4	4.4. Everest Bank Limited	83
	4.4	4.5 Nepal Investment Bank Ltd	85
4.5		Price Evaluation of Selected Banks	87
4.6		Correlation Between Banks	88
4.7		Portfolio Analysis	89
	4.7	7.1 Portfolio Return of Two Assets having Highest Correlation	91
	4.7	7.2 Portfolio Return of Two Assets having lowest Correlation.	94
CI	HAI	APTER V: SUMMARY, CONCLUSION AND RECOMMENDA	TION 96-86
5.1		Summary	96
5.2		Conclusion	99
5.3		Recommendation	100
		Bibliography	
		Appendix I	i
		Appendix II	ii
		Appendix III	iii

LIST OF TABLE

4.1	MPS and DPS data of SCBNL
4.2	Rate of Return, Expected Rate of Return, Standard Deviation, Coefficient of
	Variation and Trend Line of Rate of Return of SCBNL
4.3	Year wise Expected Rate of Return of SCBNL
4.4	MPS and DPS data of NABIL
4.5	Rate of Return, Expected Rate of Return, Standard Deviation, Coefficient of
	Variation and Trend Line of Rate of Return of NABIL
4.6	Year wise Expected Rate of Return of NABIL
4.7	MPS and DPS data of HBL
4.8	Rate of Return, Expected Rate of Return, Standard Deviation, Coefficient of
	Variation and Trend Line of Rate of Return of HBL
4.9	Year wise Expected Rate of Return of HBL
4.10	MPS and DPS data of EBL
4.11	Rate of Return, Expected Rate of Return, Standard Deviation, Coefficient of
	Variation and Trend Line of Rate of Return of EBL
4.12	Year wise Expected Rate of Return of EBL
4.13	MPS and DPS data of NIBL
4.14	Rate of Return, Expected Rate of Return, Standard Deviation, Coefficient of
	Variation and Trend Line of Rate of Return of NIBL
4.15	Year wise Expected Rate of Return of NIBL
4.16	Expected Return, Standard Deviation and CV of Sample Banks
4.17	Market Capitalization of Selected Bank at 16 July 2005
4.18	Year wise Comparative Movement of Market Capitalization
4.19	Expected Return, Standard Deviation and CV of Market
4.20	Year wise Comparative Movement of NEPSE INDEX
4.21	Summary of Risk and Return for SCBNL and Market
4.22	Summary of Risk and Return for NABIL and Market
4.23	Summary of Risk and Return for HBL and Market
4.24	Summary of Risk and Return for EBL and Market
4.25	Summary of Risk and Return for NIBL and Market
4.26	Summary of Risk and Return for Sample
4.27	Calculation Required Rate of Return and Price Evaluation by CAPM Model
4.28	Correlation Matrix
4.29	Calculation of COV of Stock A and B
4.30	Calculation of COV of Stock C and D

LIST OF DIAGRAM

	Page
MPS and DPS data of SCBNL	51
Movement of Stocks Rate of Return and Trend Line of SCBNL	54
MPS and DPS data of NABIL	55
Movement of Stocks Rate of Return and Trend Line of NABIL	58
MPS and DPS data of HBL	60
Movement of Stocks Rate of Return and Trend Line of HBL	62
MPS and DPS data of EBL	64
Movement of Stocks Rate of Return and Trend Line of EBL	67
MPS and DPS data of NIBL	68
Movement of Stocks Rate of Return and Trend Line of NIBL	71
Expected Return, Standard Deviation and CV of Sample Banks	73
Market Capitalization of Selected Banks	74
Year wise Comparative Movement of Market Capitalization	75
Movement of Market Rate of Return and Trend Line of Market Return	77
	Movement of Stocks Rate of Return and Trend Line of SCBNL. MPS and DPS data of NABIL Movement of Stocks Rate of Return and Trend Line of NABIL. MPS and DPS data of HBL. Movement of Stocks Rate of Return and Trend Line of HBL. MPS and DPS data of EBL. Movement of Stocks Rate of Return and Trend Line of EBL. MPS and DPS data of NIBL. Movement of Stocks Rate of Return and Trend Line of NIBL. Expected Return, Standard Deviation and CV of Sample Banks. Market Capitalization of Selected Banks. Year wise Comparative Movement of Market Capitalization.

ABBREVIATION

CAPM - Capital Assets Pricing Model

CV - Coefficient of Variance

DPS - Dividend Per Share

e. g. - for example

EBL - Everest Bank Limited

FY - Fiscal Year

HBL - Himalayan Bank Limited

i. e. - that is

IRR - Internal Rate of ReturnMPS - Market Price Per ShareNABIL - Nepal Arab Bank Limited

NABIL - Nabil Bank LimitedNB - Nepal Bank LimitedNEPSE - Nepal Stock Exchange

NIBL - Nepal Investment Bank Limited Rs. - Rupees (Nepalese Currency)

S.D. - Standard Deviation

SCBNL - Standard Chartered Bank Nepal Limited

T.U. - Tribhuvan University