Analysis of Risk and Return of COMMERCIAL BANKS

(With respect to Nabil Bank, Himalayan Bank, Nepal Investment Bank and Everest Bank)

A Thesis

Submitted by
Moti Lal Kunwar
Shanker Dev Campus
Campus Roll no: 1872/061

TU registration no: 7-2-290-03-2001

Submitted to

Research Department
Shankerdev Campus, Kathmandu

In Partial fulfillment of the requirement of Degree of Master in Business Studies (MBS)

September 2008

RECOMMENDATION

This is to certify that the thesis
Submitted by

Moti Lal Kunwar

Entitled

A Study on
Analysis of Risk and Return of COMMERCIAL BANKS
(With respect to Nabil Bank, Himalayan Bank, Nepal Investment Bank and Everest Bank)

has been prepared as approved	by this department in the prescribed format of			
the Faculty of Management. This thesis is forwarded for examination.				
(Dr. K.D Manandhar) (Thesis Supervisor)	(Dr. Kamal Deep Dhakal) Campus Chief			
(Mr. Dhurba Subedi) Thesis Supervisor	Associate Prof. (Dr. Mrs.Geeta Pradhan) Head of Research Department			

VIVA-VOCE SHEET

This thesis presented By Moti Lal Kunwar

Entitled

Analysis of risk and return of Commercial Banks (With respect to Nabil Bank, Himalayan Bank, Nepal Investment Bank and Everest Bank)

And found the thesis to be the 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 Degree of Master in Business Studies (M.B.S.)

Viva-Voce Committee

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

DECLARATION

I, hereby, declare that this thesis entitled "Analysis of risk and return of Commercial Banks (With respect to Nabil Bank, Himalayan Bank, Nepal Investment Bank and Everest Bank)" submitted to Shanker Dev Campus, Faculty of Management, T.U., is my original work done in the form of partial fulfillment of the requirement for the Degree of Master in Business Studies (MBS) under the supervision of my thesis supervisors Mr. Dhurba Subedi and Dr. K.D. Manandhar of Shanker Dev Campus, Tribhuvan University.

Moti Lal Kunwar (Researcher)

Shanker Dev Campus

T.U. Regd.No:7-2-290-03-2001

Campus Roll No.: 1872/061

Date:

ACKNOWLEDGEMENT

Any accomplishment requires the effort of many people and this work is no

different. First of all, I am very much grateful and would like to express my

sincere thanks for the regular guidance and support of my respected supervisors

Mr. Dhurba Subedi and Dr. K.D. Manandhar. I am very glad in getting such an

expert scholar in guiding a raw research student like me. I disturbed them many

days during my thesis-writing period. Then, I would like to thank my entire family.

I am indebted to my friend Mr. Sangram Waiba who has given me valuable ideas

and support in conducting this research. I also thank to administration of Shanker

Dev Campus who helped me to collect the related information. Besides, special

thanks go to the employees of Nabil Bank, Himalayan Bank, Nepal Investment

Bank and Everest Bank who helped to administer the questionnaire.

Moti Lal Kunwar

Baneshwor, September 2008

V

TABLE CONTENTS

	Page No.
Recommendation	I
Viva-Voce Sheet	II
Acknowledgement	III
Table of Contents	IV
List of Table	V
List of Figure	VI
Abbreviation	VII
CHAPTER I	
INTRODUTION	
1.1 Background of the study	1
1.2 Focus of the study	2
1.3 Statement of the Problem	3
1.4 Objectives of the study	10
1.5 Significance of the study	10
1.6 Limitations of the study	12
1.7 Organization of the Report	12
CAHPTER II	
REVIEW OF LITERATURE	
2.1 Theoretical Review	
2.1.1 Concept of capital market	13
2.1.2 Development of Capital Market in Nepal	13
2.1.3 Meaning of Risk	15
2.1.4 Sources of Risk	15
2.1.5 Types of Risks	15
2.1.6 Meaning of Return	15
2.1.7 Expected rate of return	15
2.1.8 Capital Asset Pricing Model (CPAM)	18

2.1.9 Over, Under and Fairly Pricing of Securities	20
2.2 Research Review	
2.2.1 Review of Journal	22
2.2.2 Review of Related Studies	22
CHAPTER III	
RESEARCH METHODOLOGY	
3.1 Research design	22
3.2 Population and Sample	22
3.3 Source of data	22
3.4 Data collection techniques	22
3.5 Data analysis tools	22
3.5.1 Financial tools	22
3.5.1.1 CPAM or Security Market Line (SML)	22
3.5.1.2 Risk Premium	22
3.5.1.3 The Expected Rate of Return	22
3.5.1.4 Beta Coefficient	22
3.5.1.5 Systematic Risk	22
3.5.1.6 Unsystematic Risk	22
3.5.1.7 Correlation Coefficient	22
3.5.2 Statistical Tools	
3.5.2.1 Average Rate of Return	22
3.5.2.2 The Standard Deviation	22
3.5.2.3 The Coefficient of Variation (CV)	22
CHAPTER IV	
PRESENTATION AND ANALYSIS OF DATA	
4.1 Data Presentation and analysis based on secondary data	22
4.1.1 Analysis of historical return of sampled banks	22
4.1.1.1 Analysis of historical return of NABIL bank	22
4.1.1.2 Analysis of historical return on common stock of Himalayan bank	22

4.1.1.3 Analysis of historical return on common stock of Nepal Investment bank	22
4.1.1.4 Analysis of historical return on common stock of Everest bank	22
4.1.2 Comparative analysis of historical return on common stock of	
Sampled Banks	22
4.1.3 Analysis of Commercial bank return on common stock with market	
rate of return	22
4.1.4 Comparison between average rate of return on common stock and	
required rate of return of commercial bank index in Nepal	22
4.1.5 Risk analysis	22
4.1.5.1 Risk analysis of NABIL bank	22
4.1.5.2 Risk analysis of HBL bank	22
4.1.5.3 Risk analysis of NIB bank	22
4.1.5.4 Risk analysis of EBL bank	22
4.1.6 Comparative analysis of four sampled banks	22
4.1.7 Correlation between risk and expected return	22
4.1.8 Major Finding of the study based on secondary data	22
4.2 Data Presentation and analysis based on primary data	22
4.2.1 Major Finding of the study based on primary data	22
CHAPTER V	
SUMMARY, CONCLUSION & RECOMMENDATION	
5.1 Summary	22
5.2 Conclusions	22
5.3 Recommendations	22
BIBLIOGRAPHY	22
APPENDIX	22

LIST OF TABLE

Table	Title	Page No.
4.1	Historical Return and Average Rate of Return on common stock	
	of NABIL	22
4.2	Historical Return and Average Rate of Return on common stock of HBL	. 22
4.3	Historical Return and Average Rate of Return on common stock of NIB	22
4.4	Historical Return and Average Rate of Return on common stock of EBL	22
4.5	Comparative Analysis of Historical Return on common stock of	
	Sampled Banks	22
4.6	Expected market return and commercial banks return on common stock	22
4.7	Comparison between average rate of return and expected rate of return	
	on common stock of commercial banks	22
4.8	Risk Analysis of NABIL Bank	22
4.9	Risk Analysis of HBL Bank	22
4.10	Risk Analysis of NIB Bank	22
4.11	Risk Analysis of EBL Bank	22
4.12	Comparative Analysis of Four Sampled Banks	22
4.13	Correlation between risk and expected return	22

List of Figure

Figure	Title	Page No.
2.1.8	Security Market Line (SML)	22
4.1	Trend line of historical return on common stock of NABIL	22
4.2	Trend line of historical return on common stock of HBL	22
4.3	Trend line of historical return on common stock of NIB	22
4.4	Trend line of historical return on common stock of EBL	22
4.5	Comparative analysis of historical on common stock of	
	sampled banks	22
4.6	Expected market return and commercial banks return on	
	common stock	22
4.7	Basis of Investment	22
4.8	Investors' consideration on return of common stocks	22
4.9	Degree of consideration on return	22
4.10	Investors' consideration on risk of common stocks	22
4.11	Degree of consideration of risk	22
4.12	Investors' awareness about risk and return factors	22

Abbreviation

- Beta Coefficient

B.S. - Bikram Sambat

CAPM - Capital Asset Pricing Model

Div - Dividend

DPS - Dividend per share

EBL - Everest Bank Limited

F/Y - Fiscal Year

HBL - Himalayan Bank Limited

MPS - Market Price Per Share

NABIL - Nabil Bank Limited

NEPSE - Nepal Stock Exchange

NIB - Nepal Investment Bank

NPR - Nepalese Rupee

NRB - Nepal Rastra Bank

OTC - Over the Counter

 $R_{\rm f}$ - Risk Free Rate

Rj - Year end Market Return

RP - Risk Premium

SEBON - Securities Exchange Act

TU - Tribhuvan University