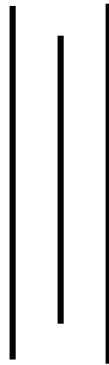


**A COMPARATIVE STUDY OF FINANCIAL PERFORMANCE OF
TWO JOINT VENTURE BANKS: HBL AND NABIL**

**By
RAJU KAFLE
Shanker Dev Campus
T.U. Regd.: - 32432-94
Campus Roll No.: - 867/057
Second Year Symbol No.: - 1057**

**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 (M.B.S)*

**Kathmandu, Nepal
March, 2010**

RECOMMENDATION

This is to certify that the Thesis

Submitted by:

RAJU KAFLE

Entitled:

A COMPARATIVE STUDY OF FINANCIAL PERFORMANCE OF TWO JOINT VENTURE BANKS: HBL AND NABIL

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

.....
Prof. Dr. Kamal Das Manandhar
(Thesis Supervisor)

.....
Prof. Bishweshor Man Shrestha
(Head of Research Department)

.....
Prof. Dr. Kamal Deep Dhakal
(Campus Chief)

.....
Kiran Thapa
(Thesis Supervisor)

VIVA-VOCE SHEET

We have conducted the viva –voce of the thesis presented

By

RAJU KAFLE

Entitled:

A COMPARATIVE STUDY OF FINANCIAL PERFORMANCE OF TWO JOINT VENTURE BANKS: HBL AND NABIL

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's in Business Studies (M.B.S.)

Viva-Voce Committee

Head, Research Department

Member (Thesis Supervisor)

Member (Thesis Supervisor)

Member (External Expert)

DECLARATION

I hereby declare that the work reported in this thesis entitled “**A COMPARATIVE STUDY OF FINANCIAL PERFORMANCE OF TWO JOINT VENTURE BANKS: HBL AND NABIL** ” submitted to Office of the Dean, Faculty of Management, Tribhuvan University, is my original 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 **Dr. Narayan Krishna Pradhan** of Shanker Dev Campus.

.....

ANUPAMA THAPA

Researcher

T.U. Regd.: 7-3-39-509-2003

Campus Roll No.:- 1762/2060

Second Year Symbol No.:- 5434/2064

TABLE OF CONTENT

RECOMMENDATION

VIVA-VOICE SHEET

DECLARATION

ACKNOWLEDGEMENT

LIST OF ABBREVIATIONS

CHAPTERS		PAGES
CHAPTER 1	INTRODUCTION	1- 10
1.1	Background of the Study	1
1.2	Banking System in Nepal	2
1.3	Profile of Concern Banks	3
1.4	Statement of the Problem	5
1.5	Objectives of the Study	7
1.6	Significance of the Study	7
1.7	Limitation of the Study	8
1.8	Structure of the Study	9
CHAPTER 2	REVIEW OF LITERATURE	11 - 35
2.1	Conceptual Review	12
2.1.1	Concept of Bank	12
2.1.2	Functions of the Commercial Bank	13
2.1.3	Development of Commercial Banks in Nepal	15
2.1.4	Role of Joint Venture Banks in Nepal	17
2.2	Review of Legislative Provision	18
2.2.1	Investment Management Regulation	19
2.2.2	Regulatory Policy	24
2.3	Review of Books and Journals	26
2.3.1	Review of Books	26

2.3.2	Review of Journals	29
2.3.3	Review of Thesis	31
2.4	Research Gaps	35
CHAPTER 3	RESEARCH METHODOLOGY	36-55
3.1	Research Design	36
3.2	Source of Data	36
3.3	Population and Sampling	37
3.4	Data Collection Procedure	37
3.5	Method of Data Analysis	37
3.5.1	Financial Variables, Tools and Models Used	37
3.5.1.1	Financial Tools	38
3.5.1.2	Financial Variables	38
3.5.1.3	DuPont Model of Financial Analysis	39
3.5.1.3.1	Break down of Return on Equity Using the DuPont Model	40
3.5.1.3.2	Further Breakdown of ROE to Analysis Efficiency	44
3.5.1.3.3	Analysis of ROA by Decomposing the Variables of Income Statement.	45
3.5.1.3.4	Other Financial Indicators	49
3.5.2	Statistical Tools Used	50
3.5.2.1	Arithmetic Mean	51
3.5.2.2	Standard Deviation:	51
3.5.2.3	Correlation and Regression analysis	52
3.5.2.4	Coefficient of Correlation	52
3.5.2.5	Regression Analysis	53
3.5.2.6	Trend Analysis	54
3.5.2.7	Test of hypothesis	55
CHAPTER 4	PRESENTATION AND ANALYSIS OF DATA	56 -117
4.1	Analysis of Return on Equity (ROE)	56
4.1.1	Analysis of Composition of ROE using the DuPont Model	57

4.1.1.1	Analysis of the Data Required for DuPont Analysis	58
4.1.1.1.1	Net Profit (NP)	58
4.1.1.2.1	Total Operating Revenue (TOR)	59
4.1.1.3.1	Total assets (TA)	60
4.1.1.4.1	Total equity (TE)	61
4.1.1.2	Analysis of ROE Using DuPont Model	62
4.1.1.2.1	Net Profit Margin (NPM)	63
4.1.1.2.2	The Asset Utilization (AU)	64
4.1.1.2.3	Equity Multiplier(EM)	66
4.1.1.2.4	Return on equity (ROE)	67
4.1.3	Further Breakdown of ROE so as to analysis Efficiency	69
4.1.3.1	Tax Management Efficiency	71
4.1.3.2	Expense Control Efficiency Ratio	72
4.1.3.3	Asset Management Efficiency Ratio	73
4.1.3.4	Fund Management Efficiency	75
4.1.3.5	Return on Equity (ROE)	76
4.2	Analysis of ROA	77
4.2.1	Analysis of Composition of ROA Using the DuPont Model	78
4.2.1.1	Net Profit Margin (NPM)	79
4.2.1.2	The Asset Utilization Ratio (AU)	80
4.2.1.3	Return on Assets (ROA)	81
4.2.2	Analysis of ROA by Decomposing the Variables of Income Statement	83
4.2.2.1	Interest Income to Total Assets	85
4.2.2.2	Interest Expense to Total Assets	85
4.2.2.3	Net interest margin to total assets	87
4.2.2.4	Non-interest income to TA	88
4.2.2.4	Employee and Office Expense to TA	89
4.2.2.5	Non-interest Margin to TA	89
4.2.2.6	Provision for Loan Loss to TA	90
4.2.2.7	Provision for staff bonus to TA	91
4.2.2.8	Provision for Tax to TA	92
4.2.2.9	Return on Assets	93
4.3	Other Financial Indicators	96
4.3.1	Earning Per Share (EPS)	95
4.3.2	Market Value per Share(MVPS)	96
4.3.3	Price Earnings Ratio	97
4.4	Analysis of Descriptive Statistics	98

4.4.1	Analysis Descriptive Statistics of Variables used in DuPont	98
4.4.2	Analysis of Descriptive Statistics of Break-down of ROE	100
4.4.3	Descriptive statistic of variables of income statement under the common denominator ROA	102
4.4.4	Descriptive statistics of EPS, MVPS and PER	104
4.4.5	Correlation and Regression analysis	105
4.4.5.1	Correlation analysis of EM and ROA	106
4.4.5.2	Correlation analysis of NPM and EM	107
4.4.5.3	Correlation analysis of NPM and ROE	108
4.4.5.4	Correlation analysis of AU and ROA	108
4.4.6	Regression analysis of Financial Leverage (EM) and Return on Equity (ROE)	109
4.4.7	Test of hypothesis	111
4.4.8	Trend Analysis	112
4.4.8.1	Trend value of ROE of HBL and NABIL	113
4.4.8.2	Trend value of ROA of HBL and NABIL	115
4.5	Findings	117
CHAPTER 5	SUMMARY AND CONCLUSION	125 131
5.1	Summary	125
5.2	Conclusion	126
5.3	Recommendation	130
	BIBLIOGRAPHY	132-134
	APPENDIXES	135-143

LIST OF TABLES

Tables	Title	Page
4.1	Net Profit (NP), Total Operating Revenue (TOR), Total Assets (TA), and Total Equity (TE), HBL with percentage relative (Rs in Million)	59
4.2	Net profit Margin (PM), Asset utilization (AU) and Equity Multiplier (EM) and Return on Equity (ROE) along with Percentage Relative.	63
4.3	Breakdown of ROE into TME, ECE, AME and FME along with Percentage	70
4.4	Breakdown of ROA into NPM and AU Using DuPont Model	78
4.5	Variables of Income Statements against the Common Denominator, Total Assets	45
4.6	Earning per share(EPS) ,Market value per share (MVPS)and Price earning ratio(PE)	95
4.7	Analysis of descriptive statistics of variables used in DuPont analysis	99
4.8	Analysis of Descriptive Statistics of Efficiency ratio	101
4.9	Variables of income statement under the common denominator ROA	102
5.0	Descriptive statistic of EPS, MVPS and PER	105
5.1	Correlation analysis of EM and ROA of HBL and NABIL	107
5.2	Correlation analysis of NPM and EM of HBL and NABIL	107
5.3	Correlation analysis of ROE and NPM	108

5.4	Correlation analysis of ROA and AU	109
5.5	Financial leverage measured as EM and ROE	109
5.6	Coefficient of Correlation and Regression of HBL and NABIL	110
5.7	Calculated value of t and tabulated value of t	112
5.8	Trend analysis of ROE of HBL and NABIL	113
5.9	Trend analysis of ROA of HBL and NABIL	115
6.0	The table below shows the Trend analysis of ROA and ROE of HBL and NABIL	117

TABLE OF CONTENTS

Recommendation

Viva Voce Sheet

Declaration

Acknowledgement

Table of Contents

List of Tables

List of Figures

Abbreviations

Page No.

CHAPTER – I INTRODUCTION

1.1 *Background of the Study*

1.2 Banking System in Nepal

1.3 Profile of the Concern Banks

1.4 Statement of the Problems

1.5 Objectives of the Study

1.6 Significance of the Study

1.7 Limitations of the Study

1.8 Organization of the Study

CHAPTER- II REVIEW OF LITERATURE

2.1 Conceptual Review

2.1.1 Concept of Bank

2.1.2 Functions of the Commercial Bank

2.1.3 Development of Commercial Banks in Nepal

2.1.4 Role of Joint Venture Banks in Nepal

2.2 Review of Legislative Provisions

2.2.1 Investment Management Regulation

2.2.2 Regulatory Policy

2.3 Review of Books and Journals

2.3.1 Review of Books

2.3.2 Review of Journals

2.3.3 Review of Previous Thesis

CHAPTER – III RESEARCH METHODOLOGY

3.1 Research Design

3.2 Sources of Data

3.3 Population and Sampling

3.4 Data Collection Procedure

3.5 Method of Data Analysis

3.5.1 Financial Variables, Tools and Models Used

3.5.1.1 Financial Tools

3.5.1.2 Financial Variables

3.5.1.3 DuPont Model of Financial Analysis

1.1.1 3.5.1.3.1 Break down of Return on Equity Using the DuPont Model

3.5.1.3.2 Further Breakdown of ROE to analysis Efficiency

3.5.1.3.3 Analysis of ROA by Decomposing the Variables of Income Statement

3.5.1.3.4 Other Financial Indicators

3.5.2 Statistical Tools

3.5.2.1 Arithmetic Mean

3.5.2.2 Standard Deviation

3.5.2.3 Correlation and Regression Analysis

3.5.2.4 Coefficient of Correlation

3.5.2.5 Regression Analysis

3.5.2.6 Trend Analysis

3.5.2.7 Test of hypothesis

CHAPTER –IV PRESENTATION AND ANALYSIS OF DATA

4.1 Analysis of Return on Equity (ROE)

4.1.1 Analysis of Composition of Return on Equity (ROE) using the DuPont Model

4.1.1.1 Analysis of the Data Required for DuPont Analysis

4.1.1.1.1 Net Profit (NP)

4.1.1.1.2 Total Operating Revenue (TOR)

4.1.1.1.3 Total assets (TA)

4.1.1.1.4. Total equity (TE)

4.1.1.2 Analysis of ROE Using DuPont Model

4.1.1.2.1 Net Profit Margin (NPM)

4.1.1.2.2 The Asset Utilization (AU)

4.1.1.2.3 Equity Multiplier

4.1.1.2.4 Return on Equity (ROE)

4.1.3 Further Breakdown of ROE so as to analysis Efficiency

4.1.3.1 Tax Management Efficiency

4.1.3.2 Expense Control Efficiency Ratio

4.1.3.3 Asset Management Efficiency Ratio

4.1.3.4 Fund Management Efficiency

4.1.3.5 Return on Equity (ROE)

4.2 Analysis of ROA

1.1.2 4.2.1 Analysis of Composition of ROA Using the DuPont Model

4.2.1.1 Net Profit Margin (NPM)

4.2.1.2 The Asset Utilization Ratio (AU)

4.2.1.3 Return on Assets (ROA)

4.2.2 Analysis of ROA by Decomposing the Variables of Income Statement

4.2.2.1 Interest Income to Total Assets

4.2.2.2 Interest Expense to Total Assets

4.2.2.3 Net Interest Margin to Total Assets

4.2.2.4 Non-Interest Income to TA

4.2.2.5 Employee and Office Expense to TA

4.2.2.6 Non-interest Margin to TA

4.2.2.6 Provision for Loan Loss to TA

4.2.2.7 Provision for staff bonus to TA

4.2.2.8 Provision for Tax to TA

4.2.2.9 Return on Assets

4.3 Other Financial Indicators

4.3.1 Earning Per Share (EPS)

4.3.2 Market Value per Share

4.3.3 Price Earnings Ratio

4.4 Analysis of Descriptive Statistics

4.4.1 Analysis of Descriptive Statistics of Break-down of ROE

4.4.4 Descriptive Statistics of EPS, MVPS and PER

4.4.5 Correlation and Regression Analysis

4.4.5.1 Correlation analysis of EM and ROA

4.4.5.2 Correlation Analysis of NPM and EM

4.4.5.3 Correlation analysis of NPM and ROE

4.4.5.4 Correlation Analysis of AU and ROA

4.4.6 Regression Analysis of EM and ROE

4.4.7 Test of hypothesis

4.4.8 Trend Analysis

4.4.8.1 Trend value of ROE of HBL and NABIL

4.4.8.2 Trend Analysis of ROA of HBL and NABIL

4.5 Major Finding

LIST OF TABLES

Table No.	Title	Page No.
4.1	Net Profit (NP), Total Operating Revenue (TOR), Total Assets (TA), and Total Equity (TE), of HBL and NABIL with Percentage Relative	
4.2	Net profit Margin (PM), Asset utilization (AU) and Equity Multiplier (EM) and Return on Equity (ROE) along with Percentage Relative	
4.3	Breakdown of ROE into TME, ECE, AME and FME along with Percentage Relative	
4.4	Breakdown of ROA into NPM and AU Using DuPont Model	
4.5		
4.6	Earning per share(EPS), Market value per share (MVPS)and Price Earning Ratio (PE)	
4.7	Analysis of descriptive statistics of variables used in DuPont analysis	
4.8	Analysis of Descriptive Statistics of Efficiency ratio	
4.9	Variables of income statement under the common denominator ROA	
4.10	The table below shows the Trend analysis of ROA and ROE of HBL and NABIL	
4.11	Descriptive statistic of EPS, MVPS and PER	
4.12	Correlation analysis of EM and ROA of HBL and NABIL	
4.13	Correlation Analysis of NPM and EM of HBL and NABIL	
4.14	Correlation analysis of ROE and NPM	
4.15	Correlation analysis of ROA and AU	
4.16	Financial Leverage Measured as EM and ROE	
4.17	Coefficient of Correlation and Regression of HBL and NABIL	
4.18	Calculated value of t and tabulated value of t	
4.19	Trend analysis of ROE of HBL and NABIL	
4.20	Trend analysis of ROA of HBL and NABIL	
4.21	Trend Analysis of ROA of HBL	
4.22	Trend Analysis of ROA NABIL	

LIST OF FIGURES

Figure No.	Title	Page No.
4.1	Net Profit (NP)	
4.2	Total Operating Revenue (TOR)	
4.3	Total assets (TA)	
4.4	Total Equity (TE)	
4.5	Net Profit Margin (NPM)	
4.6	The Asset Utilization (AU)	
4.7	Equity Multiplier	
4.8	Return on Equity (ROE)	
4.9	Tax Management Efficiency	
4.10	Expense Control Efficiency Ratio	
4.11	Asset Management Efficiency Ratio	
4.12	Fund Management Efficiency	
4.13	Return on Equity (ROE)	
4.14	Net Profit Margin (NPM)	
4.15	The Asset Utilization Ratio (AU)	
4.15	Return on Assets (ROA)	
4.16	Interest Income to Total Assets	
4.17	Interest Expense to Total Assets	
4.18	Net Interest Margin to Total Assets	
4.19	Non-Interest Income to TA	
4.20	Employee and Office Expense to TA	
4.21	Non-interest Margin to TA	
4.22	Provision for Loan Loss to TA	
4.23	Provision for Staff Bonus to TA	
4.24	Provision for Tax to TA	
4.25	Return on Assets	
4.26	Earning Per Share (EPS)	
2.27	Market Value per Share	

4.28 Price Earnings Ratio

4.29 Trend Analysis of ROE of HBL

4.30 Trend Analysis of ROE of NABIL

LIST OF FIGURES

Figures	Title	Page
4.1	Net Profit	59
4.2	Total Operating Revenue	60
4.3	Total Assets	61
4.4	Total Equity	62
4.5	Net Profit Margin	64
4.6	Asset Utilization Ratio	66
4.7	Equity Multiplier	67
4.8	Return on equity	68
4.9	Tax Management efficiency Ratio	72
5.0	Expense control efficiency Ratio	73
5.1	Asset Management efficiency Ratio	74
5.2	Fund Management efficiency Ratio	76
5.3	Return on Equity	77
5.4	Net Profit Margin	79
5.5	Asset Utilization ratio	81
5.6	Return on Assets	82
5.7	Interest Income to Total Assets	85
5.8	Interest Expense to Total Assets	86
5.9	Interest Margin to Total Assets	87
6.0	Non-Interest Income to Total Assets	88
6.1	Non-Interest Expense to Total Assets	89
6.2	Non-Interest Margin to Total Assets	90
6.3	Provision for Loan loss to TA	91
6.4	Provision for Staff Bonus	92
6.5	Provision for Tax to TA	93
6.6	Return on Assets	94
6.7	Earning Per Share	96

6.8	Market Value Per Share	97
6.9	Price Earning Ratio	98
7.0	Trend Analysis of ROE of HBL	114
7.1	Trend Analysis of ROE of NABIL	114
7.2	Trend Analysis of ROA of NABIL	116
7.3	Trend Analysis of ROA of NABIL	116