CREDIT RISK MANAGEMENT OF JOINT VENTURE BANKS OF NEPAL

A Thesis

Submitted by:

Khageshwor Lamichhane Nepal Commerce Campus Campus Roll NO. 757/063 T.U. Regd. No.7-2-24-2483-2003 Exam Roll NO. 4818/065

Submitted To:

Office of the Dean
Faculty of Management
Tribhuvan University

In Partial Fulfillment of the Requirement of the Degree of Master of Business Studies (M.B.S.)

New Baneshwor, kathmandu October, 2010

DECLARATION

I hereby declare that the work reported in this thesis entitled Credit Risk
Management of Joint Venture Banks of Nepal submitted to the centra
department of management, Tribhuvan University is my original work done in
the form of the requirement for Master's Degree of Business Studies (MBS)
under the supervision of Dr. Prakash Nepaune, Nepal Commerce Campus
Minbhawan, Katmandu.

1	Date	

.....

Khageshwor Lamichhane

T.U. Regd.No.7-2-48-2483-2003

Exam Roll. No.4818/065

Campus Roll. No. 757/063

RECOMMENDATION

This is to certify that the thesis

Submitted by:

Khageshwor Lamichhane

Entitled:

Credit Risk Management of Joint Venture Banks of Nepal

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

Prof. Dr. Binod Bihari Pokhare (Head of Research Department)
Dr. Prakash Neupane (Thesis Supervisor)
Mr. Diwakar Pokhrel (Campus Chief)
Data

VIVA-VOCE SHEET

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

Khageshwor Lamichhane

Entitled:

Credit Risk Management of Joint Venture Banks of Nepal

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 for the Degree of Master of Business Studies (M.B.S)

Viva-Voce Committee

Chairperson (Research Committee)	•••••
Member (Thesis Supervisor)	•••••
Member (External Expert)	
Date:	

ACKNOWLEGEMENTS

I express my profound gratitude to my supervisor Dr. Prakash Neupane, Nepal Commerce Campus for advice and encouragement to complete this study.

I am very much thankful to all my friends and especially to Dipendra Thapa, Surdarshan Karki to their kind advice and motivation to finish the research for contribution in bringing this research in this form I time.

I also owe a indebtedness to all reputed authors whose writings have provided me the necessary guidance and invaluable material for the enrichment of my thesis work in all possible ways. My thanks also go to the individuals and institutions that generously provided required information to me.

I am equally thankful to all those personalities who are directly involved conducting this research and one associated with me indifferent capacities for this help, Suggestions and encouragements. I am greatful to many individuals and institutions whose words have contributed to my understanding whether or not they are identified here or not.

I hope the possible errors would be covered by the subsequent studies in this field in the future. My special thanks go to my sister Ganga Devi Lamichhnae who suggest me and help in the typing of this thesis.

> Khageshwor Lamichhane Researcher

TABLE OF CONTENTS

	Page No.
Recommendation	S
Viva-Voce Sheet	
Declaration	
Acknowledgements	
Table of Contents	
List of Tables	
List of Figures	
Abbreviations	
CHAPTER 1- INTRODUCTION	1-13
1.1 Background of the Study	1
1.2 Concept of Banking	3
1.2.1 Commercial Banking	4
1.2.2 Joint Venture Banking	7
1.2.3 Joint Venture Banks of Nepal	8
1.3 Statement of the Problem	10
1.4 Objective of the Study	11
1.5 Significance of the Study	11
1.6 Limitation of the Study	12
1.7 Organization of the Study	12
CHAPTER 2- REVIEW OF LITERATURE	14-35
2.1 Introduction	14
2.1.1 Concept of Credit	14
2.1.2 An Overview on Credit Risk	15
2.1.3 Credit Risk Management	16

2.1.4 Credit Risk Management Techniques	18
2.1.5 General Risk Management Framework	20
2.1.6 Credit Risk Management Framework	22
2.1.7 Factors Affecting Credit Policy	24
2.1.8 Directives of NRB on Credit Aspect	25
2.2 Review of Related Studies	27
2.2.1 Review of Relevant Articles and Journals	27
2.2.2 Review of Related Thesis	30
CHAPTER 3- RESEARCH METHODOLOGY	36-46
3.1 Introduction	36
3.2 Research Design	36
3.3 Population and Sample	37
3.4 Types and Source of Data	37
3.5 Data Collection Techniques	38
3.6 Data Analysis Tools	39
3.6.1 Financial Tools	39
3.6.2 Statistical Tools	42
CHAPTER 4- PRESENTATION AND ANALYSIS OF DATA	47-92
4.1 Presentation and Analysis of Primary Data	47
4.1.1 Analysis of Response by Credit Customer of J.V.B.s	47
4.1.2 Analysis of Response to Questionnaire by Employees of J.V.B.s	55
4.2 Presentation and Analysis of Secondary Data	58
4.2.1 Company wise Analysis	58
4.2.2 Financial Statement Analysis	70
4.2.3 Statistical Analysis	78
4.3 Major Findings	87
4.3.1 Based on the Analysis of Primary Data	87

4.3.2 Based on the Analysis of Secondary Data	89
CHAPTER 5- SUMMARY, CONCLUSION AND RECOMMENI	DATION S 93-96
5.1 Summary	93
5.2 Conclusion	94
5.3 Recommendation s	94
BIBLIOGRAPHY	

APPENDICES

LIST OF TABLES

TABLE NO.	PAGE NO.
Table 1.1 Lists of Licensed Joint Venture Banks of Nepal	8
Table 2.1 Guidelines of Assessing Risk	18
Table 3.1 Classification of Loans	26
Table 4.1.1 Grant of Loan	47
Table 4.1.2 Bank Policies	48
Table 4.1.3 Bank Interest Rate	49
Table 4.1.4 Credit Expiration Date	50
Table 4.1.5 Co-operation by Bank Officer	51
Table 4.1.6 Utilization of Loan	51
Table 4.1.7 Satisfaction	52
Table 4.1.8 Further Credit	53
Table 4.1.9 Service Change	54
Table 4.1.10 Future Plan	54
Table 4.2.1 (A1) Loans and Loss Provision of S.C.B.N.L.	58
Table 4.2.1 (A2) Return Analysis of S.C.B.N.L.	59
Table 4.2.1 (B1) Loans and Loss Provision of N.B.L	60
Table 4.2.1 (B2) Return Analysis of N.B.L	60
Table 4.2.1 (C1) Loans and Loss Provision of H.B.L.	62
Table 4.2.1 (C2) Return Analysis of H.B.L.	63
Table 4.2.1 (D1) Loans and Loss Provision of E.B.L.	64
Table 4.2.1 (D2) Return Analysis of E.B.L.	65
Table 4.2.1 (E1) Loans and Loss Provision of N.SBI.B.L.	66
Table 4.2.1 (E2) Return Analysis of N.SBI.B.L.	67
Table 4.2.1 (F1) Loans and Loss Provision of N.B.B.L.	68
Table 4.2.1 (F2) Return Analysis of N.B.B.L.	69
Table 4.2.2 (A) Analysis of Credit and Advances to Total Deposit Ra	tio 70

Table 4.2.2 (B) Analysis of Credit and Advances to Fixed Deposit Ratio	72
Table 4.2.2 (C) Analysis of Credit and Advances to Total Assets Ratio	73
Table 4.2.2 (D) Analysis of Performing Assets to Total Assets Ratio	75
Table 4.2.2 (E) Trends Analysis of Combined ratios	77
Table 4.2.3 (A1) Risk Index and Book Value Insolvency of S.C.B.N.L	78
Table 4.2.3 (A2) Correlation Coefficient of S.C.B.N.L.	79
Table 4.2.3 (A3) Regression Coefficient of S.C.B.N.L	79
Table 4.2.3 (B1) Risk Index and Book Value Insolvency of N.B.L	80
Table 4.2.3 (B2) Correlation Coefficient of N.B.L	80
Table 4.2.3 (B3) Regression Coefficient of N.B.L	81
Table 4.2.3 (C1) Risk Index and Book Value Insolvency of H.B.L	81
Table 4.2.3 (C2) Correlation Coefficient of H.B.L	82
Table 4.2.3 (C3) Regression Coefficient of H.B.L	82
Table 4.2.3 (D1) Risk Index and Book Value Insolvency of E.B.L.	83
Table 4.2.3 (D2) Correlation Coefficient of E.B.L.	83
Table 4.2.3 (D3) Regression Coefficient of E.B.L.	84
Table 4.2.3 (E1) Risk Index and Book Value Insolvency of N.SBI.B.L.	84
Table 4.2.3 (E2) Correlation Coefficient of N.SBI.B.L.	85
Table 4.2.3 (E3) Regression Coefficient of N.SBI.B.L.	85
Table 4.2.3 (F1) Risk Index and Book Value Insolvency of N.B.B.L.	86
Table 4.2.3 (F2) Correlation Coefficient of N.B.B.L.	87
Table 4.2.3 (F3) Regression Coefficient of N.B.B.L.	87

LIST OF FIGURES

Figure No.	Page No
Figure 4.2.1 (A1) Loan and Loss Provision of S.C.B.N.L.	58
Figure 4.2.1 (A2) Return Analysis of S.C.B.N.L.	59
Figure 4.2.1 (B1) Loan and Loss Provision of N.B.L	60
Figure 4.2.1 (B2) Return Analysis of N.B.L	61
Figure 4.2.1 (C1) Loan and Loss Provision of H.B.L.	62
Figure 4.2.1 (C2) Return Analysis of H.B.L.	63
Figure 4.2.1 (D1) Loan and Loss Provision of E.B.L.	64
Figure 4.2.1 (D2) Return Analysis of E.B.L.	65
Figure 4.2.1 (E1) Loan and Loss Provision of N.SBI.B.L.	66
Figure 4.2.1 (E2) Return Analysis of N.SBI.B.L.	67
Figure 4.2.1 (F1) Loan and Loss Provision of N.B.B.L	68
Figure 4.2.1 (F2) Return Analysis of N.B.B.L	69
Figure 4.2.2 (E) Trend Analysis of Combined Ratios	77

ABBREVIATION

A.D.B.L. : Agriculture Development Bank Limited

A.T.M. : Automatic Teller Machine

B.O.D. : Board of Director

B.O.K. : Bank of Kathmandu

B.S. : Bikram Sambat

CAP. : The inverse of Equity Multiplier

C.V. : Coefficient of Variation

D.B.L. : Dubai Bank Limited

E.B.I.L. : Emirates Bank International Limited

E.B.L. : Everest Bank Limited

F.Y. : Fiscal Year

Govt. : Government

H.B.L. : Himalayan Bank Limited

i.e. : That is

I.F.I.C. : International Finance Industrial and Commerce

J.V.B.s : Joint Venture Banks

K.B.L. : Kumari Bank Limited

Ltd. : Limited

M.B.L. : Machhapuchre Bank Limited

N.B.B.L : Nepal Bangladesh Bank Limited

N.B.L. : Nabil Bank Limited

NEPSE: Nepal Stock Exchange

No. : Number

NPA : Non-Performing Assets

N.P.L. : Non-Performing Loan

N.R.B. : Nepal Rastra Bank

N.SBI.B.L. : Nepal SBI Bank Limited

P.E. : Probable Error

P.L.L. : Provision Loan Loss

R.B.B : Rastriya Banijya Bank

R.I. : Risk Index

R.O.A. : Return on Assets

R.O.E. : Return on Equity

Rs. : Rupees

S.C.B.N.L. : Standard Chartered Bank Nepal Limited

S.D. : Standard Deviation

T.U. : Tribhuvan University