# Non-Performing Loan and Loan Loss Provisioning of Commercial Banks

(With references to Nepal Bank Limited, Machhapuchchhre Bank Limited & Nepal Credit and Commerce Bank Limited)

Submitted by:
Trishna Shrestha
Bhairahawa Multiple Campus
T.U. Registration No: 7-1-274-457-2001
Campus Roll No: 47/064

A Thesis Submitted to:
 Office of the Dean
 Faculty of Management
 Tribhuvan University
Bhairahawa Multiple Campus, Bhairahawa, NEPAL

In partial fulfillment of the requirement for the degree of Master of Business Studies (M.B.S)

Rupandehi, Bhairahawa August 2013

## **RECOMMENDATION**

This is to certify that the thesis:

Submitted by

#### Trishna Shrestha

Entitled

# Non-Performing Loan and Loan Loss Provisioning of Commercial Banks

(With references to Nepal Bank Limited, Machhapuchchhre Bank Limited, Nepal Credit and Commerce Bank Limited,)

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

Thesis Supervisor Lecturer: Ram Raj Sharma	Head of Research Department Lecturer: Lucy Prasad Joshi	Campus Chief Dr. Ghanshyam Neupane
Date:		

## **VIVA-VOCE SHEET**

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

## Trishna Shrestha

#### Entitled

Non-Performing Loan and Loan Loss Provisioning of Commercial Banks (With references to Nepal Bank Limited, Machhapuchchhre Bank Limited, Nepal Credit and Commerce Bank Limited)

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 in Business Studies (M.B.S)**

## **Viva-Voce Committee**

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

**DECLARATION** 

I hereby declare that the work reported in this thesis entitled " Non-Performing Loan and

Loan Loss Provisioning of Commercial Banks" submitted to Bhairahawa Multiple

Campus, 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 Studies under the supervision and guidance of Lecturer Ram Raj Sharma of

Bhairahawa Multiple Campus.

\_\_\_\_\_

Trishna Shrestha

Researcher

T.U. Registration No: 7-1-274-457-2001

#### **ACKNOWLEDGEMENTS**

This thesis is prepared in partial fulfillment of the requirements of the degree of Master of Business Studies. It has been a matter of great pleasure for me to conduct this thesis under the supervision and guidance of Lecturer Ram Raj Sharma, Bhairahawa Multiple Campus. I am very much grateful to them for their guidance, support and valuable suggestion in preparing this thesis.

I am very thankful to Lecturer Narendra Pandey, Head of Research Department Lecturer Lucy Prasad Joshi and other faculty members & Campus Chief Dr Ghanshyam Neupane for his valuable suggestion. I am very much indebted to Mrs. Niva Shrestha, Associate Director of NRB, Mr. Bikash Man Shrestha, Senior Executive Officer of NCCBL & Mr. Sandeep Karmacharya, BM of MBL, Waling & Mrs. Sulochana Karmacharya, Assistant Manager, NBL for providing necessary data and information regarding the subject matter of the thesis. I am also very grateful to staff members of Nepal Bank Limited and Nepal Credit and Commerce Bank Limited for their cooperation during data collection.

I would like to extend my hearty thanks to Mrs. Niva Shrestha of NRB for his help and cooperation in preparing this thesis. My vote of thanks goes to my family members, relatives and friends who gave me full support and inspiration during thesis writing. I am also very thankful to Mr. Sandeep Karmacharya & Mrs. Sulochana Karmacharya for their suggestion and cooperation.

Last but not the least I would like to thank Managers & all staffs of Machhapuchchhre Bank Limited, Nepal Bank Limited & Nepal Credit & Commerce Bank Limited for their cooperation, support and valuable suggestion while preparing this thesis.

#### Trishna Shrestha

## **TABLE OF CONTENTS**

			Page N	No.
CHAPTER I		INTRODUCTION	1-15	
	1.1	Background of the Study		1
	1.2	Focus of the Study		9
	1.3	Statement of the Problem		11
	1.4	Objectives of the Study		13
	1.5	Limitations of the Study		14
	1.6	Organization of the Study		15
CHAPTER II		REVIEW OF LITERATURE	16-67	
	2.1	Conceptual Framework		16
	2.2	Review of Related Studies		41
	2.3	Research Gap		66
CHAPTER III		RESEARCH METHODOLOGY	68-79	
	3.1	Research Design	00 17	68
	3.2	Population and Samples		68
	3.3	Sources of Data		70
	3.4	Data Collection Techniques		71
	3.5	Data Analysis Tools		71
CHAPTER IV		DATA PRESENTATION AND ANALYSIS	80-122	
	4.1	Ratio Analysis		80
	4.2	Correlation Analysis		93
	4.3	Trend Analysis		96
	4.4	Analysis of Loan Classification and		103
		Loan Loss Provisioning Directives		
	4.5	Major Findings of the Study		116
		SUMMARY, CONCLUSION AND	123-135	
CHAPTER IV		RECOMMENDATIONS		
	5.1	Summary		123
	5.2	Conclusions		128
	5.3	Recommendations		131

# LIST OF TABLES

Table No.	Title of the Table	Page No.
1.	List of Licensed Commercial Banks as on Mid July 2011	8
2.	The Non-Performing to Total Gross Loan Status of Individual	22
	Banks	
3.	Soundless Indicators of Commercial Banking System	27
4.	Timetable of Loan Classification	39
5.	Total Population of Bank and Sample drawn	69
6.	Loans & Advances to Total Assets Ratio	80
7.	Loans & Advances to Total Deposit Ratio	82
8.	Non- Performing Loans to Total Loans & Advances	84
9.	Loan Loss Provision to Total Loan & Advances Ratio	86
10.	Provision Held to Non-Performing Loan	88
11.	Return on Loans & Advances	89
12.	Correlation between LLP and Loans and Advances	93
13.	Correlation between LLP and NPL	94
14.	Correlation between Loans and Advances and Deposit	95
15.	Trend values of Loans & Advances	96
16.	Trend values of Non- Performing Loan	98
17.	Trend values of Loan Loss Provision	100
18.	Trend values of Net Profit	102
19.	Comparative Table of Loan Classification and Provisioning	104
20.	Loan Classification and Provisioning of NBL	107
21.	Loan Classification and Provisioning of MBL	110
22.	Loan Classification and Provisioning of NCCBL	113

# LIST OF FIGURES

Figure	Title of the Figures	Page
No.		No.
1.	Trend of Commercial Banking Assets Components/ Total Assets	24
2.	Composition of Total Deposits of CBs in Mid July 2011	25
3.	Credit Deposit Ratio	26
4.	Loan and Advances to Total Assets Ratio	81
5.	Loan and Advances to Total Deposit Ratio	83
6.	Non-Performing Loans to Total Loans & Advances	84
7.	Loan Loss Provision to Total Loan & Advances Ratio	86
8.	Provision Held to Non-Performing Loan	88
9.	Return on Loan & Advances	90
10.	Performing, Non Performing Loan and Loan Loss Provision of NBL	91
11.	Performing, Non Performing Loan and Loan Loss Provision of MBL	92
12.	Performing, Non Performing Loan and Loan Loss Provision of	92
	NCCBL	
13.	Trend Line - Loans and Advances of NBL, MBL & NCCBL	97
14.	Trend Line - Non - Performing Loan of NBL, MBL & NCCBL	99
15.	Trend Line - Loan Loss Provision of NBL, MBL & NCCBL	101
16.	Trend Line – Net Profit of NBL, MBL & NCCBL	103
17.	Loan Categorization of NCCBL as on Mid July 2009	108
18.	Loan Categorization of NCCBL as on Mid July 2010	109
19.	Loan Categorization of NCCBL as on Mid July 2011	109
20.	Loan Categorization of MBL as on Mid July 2009	111
21.	Loan Categorization of MBL as on Mid July 2010	111
22.	Loan Categorization of MBL as on Mid July 2011	112
23.	Loan Categorization of NCCBL as on Mid July 2009	114
24.	Loan Categorization of NCCBL as on Mid July 2010	115
25.	Loan Categorization of NCCBL as on Mid July 2011	115

#### **ABBREVIATION**

**AMC Assets Management Company** 

C.V Coefficient of Variation **CIB** Credit Information Bureau

DF Doubtful

**DPS** Dividend Per Share **DRT Debt Recovery Tribunal** 

**EPS** Earning Per Share

FY Fiscal Year

**GLLP** General Loan Loss Provisioning

LLP Loan Loss Provisioning **MVPS** Market Value Per Share

NP Net Profit

**NPA** Non Performing Asset **NPL** Non Performing Loan **NRB** Nepal Rastra Bank PE

Probable Error

r Correlation Coefficient

Rs. Rupees

S.D. Standard Deviation

**SLLP** Specific Loan Loss Provision

SS Substandard

TU Tribhuvan University **NBL** Nepal Bank Limited **RBBL** Rastriya Banijya Bank **NABIL** NABIL Bank Limited

**NIBL** Nepal Investment Bank Limited

**SCBNL** Standard Chartered Bank Nepal Limited.

**HBL** Himalayan Bank Limited **NSBIBL** Nepal SBI Bank Limited

**NBBL** Nepal Bangladesh Bank Limited

**EBL Everest Bank Limited** 

**BOK** Bank of Kathmandu Limited

**NCCBL** Nepal Credit and Commerce Bank Ltd **NICBL** Nepal Industrial & Commercial Bank Ltd

**LBL** Lumbini Bank Limited

**MBL** Machhapuchhre Bank Limited

**KBL** Kumari Bank Limited **LBL** Laxmi Bank Limited **SBL** Siddhartha Bank Limited ADBL: Agriculture Development Bank Ltd.

GBL: Global Bank Ltd.

CBIL : Citizens Bank International Ltd.
PCBL : Prime Commercial Bank Ltd
BoANL : Bank of Asia Nepal Ltd.

SBL: Sunrise Bank Ltd.

DCBL : Development Credit Bank Ltd.

NMBBL: NMB Bank Ltd. KBL: Kist Bank Ltd.

JBNL : Janata Bank Nepal Ltd.

MBNL : Mega Bank Nepal Limited

CTBNL: Commerz and Trust Bank Nepal Limited

CBL : Civil Bank Limited

CCBL : Century Commercial Bank Limited