WORKING CAPITAL MANAGEMENT (A CASE STUDY OF BANK OF KATHMANDU LIMITED)

By: BISHWO SHRESTHA

MAKWANPUR MULTIPLE CAMPUS, HETAUDA T.U. Registration No: 7-2-242-310-99
Campus Roll No: 32

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

In partial fulfillment of the requirements for the degree of Masters of Business Studies (M.B.S)

Hetauda, Makwanpur July 2010 (2067)

RECOMMENDATION

This is certify that the thesis

Submitted by BISHWO SHRESTHA

Entitled: WORKING CAPITAL MANAGEMENT (A CASE STUDY OF BANK OF KATHMANDU LIMITED)

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

Jayram Devkota	Bin Bahadur Raut
Thesis Supervisor	Thesis Supervisor
(Makwanpur Multiple Campus)	(Makwanpur Multiple Campus)
Uddhav Prasad Sapkota	Bachhu Ram Adhikari
Co-coordinator, MBS Program	Campus Chief
(Makwanpur (Makwanpur Multiple Campus)	(Makwanpur Multiple Campus)

VIVA-VOCE SHEET

We have conducted the viva-voce sheet examination of the thesis

Submitted by BISHWO SHRESTHA

Entitled:

WORKING CAPITAL MANAGEMENT (A CASE STUDY OF BANK OF KATHMANDU LIMITED)

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

<u>Viva – Voce Committee:</u>

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

TRIBHUVAN UNIVERSITY FACULTY OF MANAGEMENT MAKWANPUR MULTIPLE CAMPUS

DECLARATION

I hereby declare that the work reported in this thesis entitled "Working Capital Management", A case study of Bank of kathmandu Limited submitted to Makanpur Multiple Campus, Faculty of Management, Tribhuvan University is my original work prepared for partial fulfillment of the requirement for the Master's Degree in Business Studies (M.B.S.) under the supervision of Mr. Bin Bahadur Raut & Mr. Jayaram Devkota, My Teacher of Makwanpur Multiple Campus.

Bishwo Shrestha

Researcher

Campus Roll No: 32

T.U. Registration No.7-2-242-310-99

Date: July, 2010

ACKNOWLEDGEMENTS

"Many helpful hands are needed to complete a beautiful work and after completion of such work, immense joy can be experienced." Many persons have inspired and assisted me directly or indirectly in the preparation in this thesis. An attempt to list their names would result in some inadvertent omission which would be unjust. I therefore, offer to each and all a heartfelt gratitude. There are some who deserve special mention.

I would like to pay my sincere gratitude to my thesis Supervisor Mr. Bin Bahadur Raut & Mr. Jayaram Devkota & MBS Program Co-coordinator Mr. Uddhav Sapkota. Special thanks goes to Mr. Shakul Kumar Shrestha and Mr. Krishna Bahadur Pandey for their spiritual and moral support and Mr. Manoj Lamsal's help is really praiseworthy to accomplish my thesis.

My hearty gratitude goes to managers and staff members of Bank of Kathmandu Limited who helped me by providing with required data and giving correct information.

Bishwo Shrestha Researcher

TABLE OF CONTENTS

F	Recommendation	
Ţ	Viva-Voce Sheet	
Ι	Declaration	
A	Acknowledgements	
Γ	Table of Contents	
I	List of Tables	
I	List of Figures	
A	Abbreviations	
	Chapter 1	
	Introduction	1-16
1.1	Back ground of the study	8
1.2	Statement of the problem	11
1.3	Objective of the Study	13
1.4	Significance of the Study	13
1.5	Limitation of the Study	14
1.6	Organization of the Study	15
(Chapter 2	
I	Review of Literature	17-54
2	2.1 Conceptual Framework	17
2	2.2 Concept of Working Capital	19
2	2.3 Classification of Working Capital	24
2	2.4 Need of Working Capital	25

2.5 Working Capital Cycle	28
2.6 Working Capital Policy	30
2.7 Financing of Working Capital	38
2.8 Determination of Working Capital	41
2.9 Review of Articals/ Journals	44
2.10 Review of Related Thesis	48
2.11 Research Gap	54
Chapter 3	
Researsh Methodology	55-66
Research Methodology 3.1 Research Design	55-66 55
3.1 Research Design	55
3.1 Research Design3.2 Sources of Data	55 56
3.1 Research Design3.2 Sources of Data3.3 Population and Sample	555656
3.1 Research Design3.2 Sources of Data3.3 Population and Sample3.4 Data Gathering procedures	55565656
 3.1 Research Design 3.2 Sources of Data 3.3 Population and Sample 3.4 Data Gathering procedures 3.5 Data Processing Procedures 	5556565657
 3.1 Research Design 3.2 Sources of Data 3.3 Population and Sample 3.4 Data Gathering procedures 3.5 Data Processing Procedures 3.6 Research Variables 	555656565757

Chapter 4

Data Presentation and Analysis	67-108
4.1 Working Capital	67
4.1.1 Components of Current Assets	68
4.1.2 Components of Current Liabilities	69
4.1.3 Working Capital of BOKL	71
4.2 Ratio and Trend Analysis	73
4.2.1 Liquidity Ratio	74
4.2.1.1Current Ratio	75
4.2.1.2Quick Ratio (Acid- Test Ratio)	77
4.2.1.3 Cash and Bank Balance to Total Deposit Ratio	79
4.2.1.4 Saving Deposit to Total Deposit Ratio	81
4.2.2 Activity or Turnover Ratio	83
4.2.2.1 Loan and Advance to Total Deposit Ratio	83
4.2.2.2 Loan and Advance to Fixed Deposit Ratio	85
4.2.2.3 Loan and Advance to Saving Deposit Ratio.	87
4.2.3 Capital Structure or Leverage Ratio	89
4.2.3.1 Long-term Debt to Net worth Ratio	90
4.2.3.2 Next Fixed Assets to Long - term Debt Ratio	91
4.2.4 Profitability Ratio	92
4.2.4.1 Interest Earned to Total Assets Ratio	93
4.2.4.2 Net Profit to Total Assets Ratio	95

4.2.4.3 Net Profit to Total Deposit Ratio	96
4.2.4.4 Cost of Service to Total Assets Ratio	98
4.3 Correlation Analysis	99
4.3.1 Coefficient of Correlation between Investments	
on Government Securities and Total Deposit	100
4.3.2 Coefficient of Correlation between Loan and Advance and Total	
Deposit.	101
4.3.3 Coefficient of Correlation between Cash and Bank Balance and Liabilities.	Current 102
4.3.4 Coefficient of Correlation between Loan and Advance and Net Profit	103
4.4 Major Findings of the Study.	104

Chapter 5

Summary, Conclusion and Recommendation	109-116
5.1 Summary and Conclusion	109
5.2 Recommendation	115

Bibliography

Appendices

LIST OF TABLES

<u>Contents</u> <u>No</u> .	<u>Page</u>
4-1 Components of Current Assets of BOKL	68
4-2 Components of Current Liabilities of BOKL	70
4-3 Working Capital of BOKL	72
4-4 Current Ratio of BOKL	75
4-5 Quick Ratio of BOKL	77
4-6 Cash and Bank Balance to Total Deposit Ratio of BOKL	79
4-7 Saving Deposit to Total Deposit Ratio of BOKL	81
4-8 Loan and Advances to Total Deposit Ratio of BOKL	84
4-9 Loan and Advances to Fixed Deposit Ratio of BOKL	86
4-10 Loan and Advances to Saving Deposit Ratio of BOKL	88
4.11 Long – Term Debt to Net worth Ratio of BOKL	91
4.12 Net Fixed Assets to Long – term Debt Ratio of BOKL	92
4.13 Interest Earned to Total Assets Ratio of BOKL	93
4.14 Net Profit to Total Assets Ratio of BOKL	95
4.15 Net Profit to Total Deposit Ratio	97
4.16 Cost of Service to Total Assets Ratio of BOKL	98
4.17 Coefficients of Correlation between Investments on	
Government Securities and Total Deposit	100

4.18 Coefficients of Correlation between Loan and Advances and		
Total Deposit	101	
4.19 Coefficients of Correlation between Cash and Bank Balance		
and Current Liabilities.	103	
4.20 Coefficient of Correlation between Loan and Advance		
and Net Profit.	104	

LIST OF FIGURES

<u>Contents</u>	Page No.
2-1 Permanent and temporary working capital	24
2-2 Working Capital Cycle	29
2-3 Alternative Currents Assets Investment Policy	33
2-4 Aggressive Financing	34
2-5 Conservative Financing Policy	36
2-6 Matching Policy	37
4-1 Components of Current Assets of BOKL	69
4-2 Components of Current Liabilities of BOKL	71
4-3 Working Capital of BOKL	73
4-4 Current Ratio of BOKL	76
4-5 Quick Ratio of BOKL	78
4-6 Cash and Bank Balance to Total Deposit Ratio	80
4-7 Saving Deposit to Total Deposit Ratio of BOKL	82
4-8 Loan and Advances to Total Deposit Ratio of BOKL	84
4-9 Loan and Advances to Fixed Deposit Ratio of BOKL	87
4-10 Loan and Advances to Saving Deposit Ratio of BOKL	89
4-11 Interest Earned to Total Assets Ratio of BOKL	94
4-12 Net Profit to Total Assets Ratio of BOKI.	96

ABBREVIATION

A/C : Accounts

BOK : Bank of Kathmandu

BOKL: Bank of Kathmandu Limited

BS : Balance Sheet

CA : Current Assets

CB : Cash and Bank Balance

CL : Current Liabilities

Cor : Correlation

Cov : Covariance

F/Y : Fiscal year

GS : Government Securities

LA : Loan and Advances

LD : Long – term Debt

NP : Net Profit

NRB : Nepal Rastra Bank

NW : Net Worth

PE : Probable Error

PL : Profit and Loss

QA : Quick Assets

QR : Quick Ratio

SD : Saving Deposit

TD : Total Deposit

WC : Working Capital