# A CASE STUDY OF WORKING CAPITAL AND ITS IMPACT (With reference to NIC and NABIL Bank)

By: DHARANI DHAR DAHAL Shanker Dev Campus T.U. Registration No: 7-2-218-317-2002 Campus Roll No: 1262/062

> 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 February, 2010

### RECOMMENDATION

This is to certify that the Thesis

#### Submitted by: DHARANI DHAR DAHAL

# Entitled: A CASE STUDY OF WORKING CAPITAL AND ITS IMPACT (With reference to NIC and NABIL Bank)

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

.....

.....

.....

Joginder Goet (Thesis Supervisor) Prof. Bisheshwor Man Shrestha (Head of Research Department) Prof. Dr. Kamal Deep Dhakal (Campus Chief)

#### **VIVA-VOCE SHEET**

We have conducted the viva –voce of the thesis presented

# by DHARANI DHAR DAHAL

**Entitled:** 

# A CASE STUDY OF WORKING CAPITAL AND ITS IMPACT (With reference to NIC and NABIL Bank)

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

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

Viva-Voce Committee

Head, Research Department

••••••

Member (Thesis Supervisor)

.....

Member (External Expert)

.....

# TRIBHUVAN UNIVERSITY Faculty of Management Shanker Dev Campus

## DECLARATION

I hereby declare that the work reported in this thesis entitled "A CASE STUDY OF WORKING CAPITAL AND ITS IMPACT (With reference to NIC and NABIL Bank)" 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 Joginder Goet of Shanker Dev Campus.

.....

Dharani Dhar Dahal Researcher T.U. Regd. No. : 7-2-218-317-2002 Campus Roll No. : 1262/062

## ACKNOWLEDGEMENT

I would like to express my deep and profound gratitude to my supervisor **Joginder Goet** for their expert, scholarly and timely guidance. I am always grateful for their valuable suggestions, advices and constant supervision and affectionate behave during the research period. I am glad by getting them as a supervisor. Also, I express my indebtedness to all the lecturers of Shanker Dev Campus and TU for their academic support.

I am also grateful to all the Liberian of central library T.U. and Shanker Dev Campus. I can not forget the help and suggestion from Mr. Sameer Dhungel,. I would like to express my respect and indebtedness to my parents for their continuous support to complete my study. My heartfelt thanks also go to my friend Mr.Bishwas Dhakal and Mr.Pushpa Guragain, who cordially helped me and gave a lot of suggestions, remarks and comments. I would like to thank Mr. Lokendra sitaula for nice computer typing and printing.

Finally, effort has been made to avoid to all type of error and mistake, though mistake can be made by everyone, so I'm sorry for the unknown mistake that I made in this work.

#### **Dharanidhar Dahal**

# **TABLE OF CONTENTS**

Acknowledgement Table of Contents List of Tables List of Figures Abbreviations

Page No.

#### CHAPTER – I INTRODUCTION

1.1 Background of the Study	1
1.2 Meaning of Working Capital Management	1
1.3Meaning of Commercial Banks	2
1.4 Focus of the Study	3
1.5 Statement of the Problem	4
1.6 Objective of the Study	5
1.7 Tools for Analysis	5
1.8 Significance of the Study	5
1.9 Limitation of the Study	6
1.10 Organization of the Study	6

#### CHAPTER – II REVIEW OF LITERATURE

2.1 Conceptual Framework	
2.1.1 Meaning of Commercial Bank	7
2.1.2 Working Capital Management	9
2.1.3 Types of Working Capita	12
2.1.3.1 Permanent Working Capital	12
2.1.3.2 Variable Working Capital	13
2.1.4 Sources of Working Capital	13
2.1.4.1 Sources of Permanent or Fixed Working Capital	13
2.1.4.2 Sources of Temporary or Variable Working Capita	14
2.1.5 Issue of Working Capital Management	16

2.1.6 Goals of Working Capital Policies		
2.1.6.1 Adequate Liquidity		
2.1.6.2 Minimization of Risk		
2.1.6.3 Contribute to Maximum Firm's Value	16	
2.1.7 Needs for Working Capital		
2.1.7.1 Transaction Motive	17	
2.1.7.2 Compensation Balance Motive	17	
2.1.7.3 The Precautionary Motive	17	
2.1.7.4 The Speculative Motive	18	
2.1.8 Approaches to Estimating Working Capital Needs		
2.1.8.1 Current Assets Holding Period		
2.1.8.2 Ratio of Sales		
2.1.8.3 Ratio of Fixed Investment	18	
2.1.9 Liquidity Vs Profitability: Risk-Return Trade Off		
2.1.10 The Cost of Trade-off		
2.1.11 Working Capital Cycle		
2.1.12 Working Capital Policy		
2.1.12.1 Current Asset Investment Policy		
2.1.12.2 Current Assets Financing Policy		
2.1.13 Determinants of Working Capital	24	
2.2 Reviews of Journals/Articles	27	
2.3 Review of Thesis		
2.4 Research Gap	36	

## CHAPTER – III RESEARCH METHODOLOGY

3.1 Introduction	38
3.2 Research Design	38
3.3 Population and Sample	39
3.4 Nature and Sources of Data	39
3.5 Data Processing Procedure	39

3.6 Data Collection Technique		40
3.7 Method of Data Analysis and Interpretation		40
3.7.1 Financial Analysis Tools		40
3.7.2	Statistical Tool Used	
	46	

#### CHAPTER – IV DATA PRESENTATION AND ANALYSIS

4.1 Introduction	49		
4.2 Composition of Current Assets			
4.2.1 Cash and Bank Balance Percentage	52		
4.2.2 Loan and Advance Percentage	52		
4.2.3. Government Securities Percentage	53		
4.2.4. Miscellaneous Current Assets Percentage	53		
4.3. Composition of Current Liabilities	54		
4.3.1. Borrowing Percentage			
4.3.2. Deposit (Excluding Fixed Deposit) Percentage	57		
4.3.3. Bills Payable Percentage			
4.3.4. Miscellaneous Current Liabilities Percentage			
4.4 Correlation	81		
4.4.1 Coefficient of Correlation between Cash and Bank Balance and			
Current Liabilities i.e. r, PEr and 6PEr.	82		
4.4.2 Coefficient of Correlation between Loan and Advances and Net Profit	83		
4.4.3 Coefficient of Correlation between Net Working Capital and Net Profit	84		
4.5 Test of Hypothesis	85		
4.5.1 Composition of Working Capital	86		
4.5.2 Liquidity Position			
4.5.3 Profitability Position	88		
4.6 Major Findings			

## CHAPTER – V SUMMARY, CONCLUSION AND RECOMMENDATIONS

5.1	Summary	
	92	

5.2 Conclusion	93
5.3 Recommendations	96

# **ABBREVIATIONS**

C.V	:	Co-efficient of Variation
CA	:	Current Assets
CBB	:	Cash and Bank Balance
CCC	:	Cash Conversion Cycle
CL	:	Current Liabilities
E+LTL	:	Equity plus Long-Term Liabilities
F/Y	:	Fiscal Year
FA	:	Fixed Assets
GWC	:	Gross Working Capital
ICP	:	Inventory Conversion Period
LAD	:	Loan, Advance and Deposits
LTL	:	Long-Term Liabilities
NABIL	:	Nepal Arab Bank Nepal Limited
NIC	:	Nepal Industrial and Commercial Bank Limited
NWC	:	Net Working Capital
PDP	:	Payable Deferral Period
PEs.	:	Public Enterprises
QA	:	Quick Assets
R	:	Correlation Co-efficient
RCP	:	Receivable Collection Period
Rs.	:	Rupees
TA	:	Total Assets
TR	:	Turnover Ratio
WC	:	Working Capital
WCM	:	Working Capital Management