ROLE AND IMPACT OF PUBLIC EXTERNAL BORROWINGS IN NEPAL

A THESIS

Submitted By: Yogesh Shrestha

T.U. Regd. No: 16509-95 Exam Roll No: 1613/061 Campus Roll No: 299/059 Nepal Commerce Campus

Submitted to:

Office of the Dean Faculty of Management Tribhuvan University

In partial fulfillment of the requirements of the degree of Masters of Business Studies (MBS)

New Baneshwor, Kathmandu March, 2009

RECOMMENDATION

This is to certify that the thesis

Presented By Yogesh Shrestha

Submitted By:

"Role and Impact of Public External Borrowings in 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. Bihari Binod Pokharel) (Mr.Diwakar Pokhrel)
Head of Research Department Campus Chief
&
Thesis Supervisor

(Mr. Madan Kandel)
Thesis Supervisor

VIVA-VOCE SHEET

We have conducted the viva-voce examination of thesis

Presented By Yogesh Shrestha

Entitled

"Role and Impact of Public External Borrowings in Nepal"

and we found the thesis to be the original work of the student written according to the prescribed format. We recommended this thesis to be accepted as partial fulfillment of the requirements for Master of Business Studies (M.B.S).

<u>viva-v</u>	viva-voce Committee		
Chairperson (Viva-Voce Committee)	:		
Member (External Expert)	:		
Member (Thesis Supervisor)	:		
Member (Thesis Supervisor)	:		

DECLARATION

I hereby declare that the work reported in this thesis entitled "Role and Impact of Public External Borrowings in Nepal" has been submitted to Faculty of Management, Tribhuvan University is my Original work. It is done in the form of partial fulfillment for the Master of Business Studies (M.B.S) under the supervision and guidance of Prof. Dr. Bihari Binod Pokharel and Mr. Madan Kandel of Nepal Commerce Campus.

March, 2009

Yogesh Shrestha Nepal Commerce Campus **ACKNOWLEDGEMENTS**

This research study on Role and Impact of Public External Borrowings in Nepal has

been prepared as a partial fulfillment of Master's Degree in Business Studies (MBS)

Program.

I would like to express my heartiest gratitude and sincere thanks to my thesis supervisor

Prof. Dr Bihari Binod Pokharel, Head of Research Department and Mr. Madan

Kandel who encouraged me from the initiation to completion of this task with his scholar

guidance and profound comments and suggestion.

I would also like to express my gratitude to all other member of Nepal Commerce

Campus, especially, staffs from MBS department, libraries staffs as well as known and

unknown people who supported as well as inspired me to complete this thesis.

Lastly, my heartiest thank goes to my family members and college staffs along with

classmates who have supported me by providing consistent help and encouragement.

Thanks.

Yogesh Shrestha

TABLE OF CONTENTS

Reco Decla Ackn Table List o	Page ommendation aration evaluation evaluations evaluation evaluat	No.
CHAI	PTER I-INTRODUCTION	1-5
1.1	Background of the Study	1
1.2	Statement of the Problem	3
1.3	Objectives of the Study	4
1.4	Rationale of the Study	4
1.5	Limitations of the Study	5
1.6	Organization of the Study	5
CHAI	PTER II-REVIEW OF LITERATURE	7-33
2.1	Introduction	7
	2.1.1 Conceptual review	7
	2.1.1.1 Importance of public Borrowing	10
	2.1.1.2 Applied process and Practices of public Borrowing in Nepal	11
	2.1.1.3 Area and Types of Public Borrowing	11
	2.1.1.4 Nature and Scope of Public Borrowing in Nepal	12
	2.1.1.5 Historical Development of Public Borrowing in	
	World & Nepal	14
	2.1.1.6 Limitation of Public Borrowing in Nepal	16
	2.1.1.7 Legal Provision of Public Borrowing in Nepal	16
	2.1.1.8 Sources of Borrowing	17
2.1.2	Review of Literature in International Context	19
2.1.3	Review of Empirical Literature in Nepalese context	25
2.1.4	Review of Master Degree Thesis	31
CHAI	PTER III-RESEARCH METHODOLOGY	34-36
3.1	Introduction	34
3.2	Research Design	34
3.3	Nature and Sources of Data	34

CHAPTER IV-DATA PRESENTATION AND ANALYSIS		37-67
4.1	Trends and Structure of Public Debt	37
	4.1.1 Resource Gap in Nepalese Economy	37
	4.1.2 Financing Fiscal Deficit	38
	4.1.3 Trend in Government Borrowing	42
4.2	Structure of Internal Borrowing	43
	4.2.1 Sources on Internal Borrowing	43
	4.2.2 Pattern of Internal Net Outstanding of Debt	45
4.3	External Borrowing	47
4.4	Indebtedness, Debt Servicing Capacity and Debt Sustainability	49
	4.4.1 Analysis of Level of Indebtedness	49
	4.4.2 The Trend of Internal and External Indebtedness	49
	4.4.3 The Trend of Indebtedness	50
	4.4.4 The trend of External Indebtedness	52
	4.4.5 Debt to GDP Ratio	52
	4.4.6 Per Capital Debt	53
	4.4.7 The Ratio of External Debt Outstanding to Export	54
4.5	Debt Service Ratio	56
	4.5.1 The Internal Debt Service Ratio	56
	4.5.2 The External Debt Service Ratio	57
	4.5.3 Net Transfer	59
4.6	Analysis of Debt Sustainability	60
	4.6.1 Necessary Condition	61
	4.6.2 Sufficient Condition	63
4.7	Major Findings of the Study	65
СНА	PTER V-SUMMARY, CONCLUSION & RECOMMENDATIONS	68-72
5.1	Summary	68
5.2	Conclusion	71
5.3	Recommendations	72

Bibliography Appendix

LIST OF TABLES

Table No.		No.
4.1	Resource Gap in Nepalese Economy	39
4.2	Fiscal Deficit Financing in Nepal	40
4.3	Share of Internal and External Loans in Total Loans	41
4.4	Sources of Internal Borrowing of the Government	44
4.5	Ownership Pattern of Internal Net Outstanding Debt	46
4.6	Amount & Share of Bilateral & Multilateral Loans in External Loans	48
4.7	Indebtedness of Nepal	50
4.8	Total Debt, Internal Debt and External Debt to GDP Ratio	51
4.9	Per Capita Debt of Nepal	53
4.10	Ratio of External Debt Outstanding to Export	55
4.11	Internal Debt Service Ratio	56
4.12	External Debt Service of Nepal	58
4.13	Ratio of Net Transfer to Import	59
4.14	The Ratios for Necessary Condition of Debt Sustainability	62
4.15	The Analysis of Sufficient Condition	64

LIST OF FIGURES

Fig	ure No.	Page No.
4.1	Fiscal Deficit Financing in Nepal	40
4.2	Share of Internal and External Loans in Total Loans	42
4.3	Sources of Internal Borrowing of the Government	45
4.4	Ownership Pattern of Internal Net Outstanding Debt	47
4.5	Share in Bilateral Lone and Multilateral Loans in External Lone	49
4.6	Per Capita Debt of Nepal	54
4.7	Ratio of External Debt Outstanding to Export	56
4.8	Internal Debt Service Ratio	57
4.9	The External Debt Service Ratio	59
4.10	Ratio of Net Transfer to Import	60

ABBREVIATIONS

ADB: Asian Development Bank

BD: Budget Deficit

CBS: Central Bureau of Statistics

CEDA : Centre for Economic Development and Administration

CPI : Consumer Price Index
 D* : Growth Rate of Debt
 DB : Development Bond

DS : Debt Service ED : External Debt

EDO : External Debt Product
EDS : External Debt Service

FY: Fiscal Year

GDI : Gross Domestic InvestmentGDP : Gross Domestic ProductGDS : Gross Domestic Saving

ID: Internal Debt

IDS : Internal Debt Service

IDSR: Internal Debt Service RatioIMF: Internal Monetary Fund

M: Import

MOF: Ministry of Finance

NG: Net Growth/Nepal Government

NGDP: Nominal GDP

NRB: Nepal Rastra Bank

NT: Net Transfer

OMO: Open Market Operations

PD: Public Debt
PS: Primary Surplus

PSC: Public Saving Certificates

TB : Treasury BillsTD : Total Debt

TDS: Total Debt Service

UDC: Under Developed Country

WB: World Bank

X: Export

Y : Nominal GDP y : Real GDP

y : Growth Rate of Real

Y*: Growth Rate of Nominal GDP