## IMPACT OF LABOR MIGRATION ON ECONOMIC GROWTH IN NEPAL

#### **A Thesis**

### **Submitted to**

Central Department of Economics
Faculty of Humanities and Social Sciences
Tribhuvan University, Kirtipur, Kathmandu, Nepal
In the Partial Fulfillment of Requirement for the
MASTER DEGREE

In

**ECONOMICS** 

# Submitted By Sabin Kumar Karki

Roll No. 39/071

TU Reg. No. 7-2-25-1334-2008

Central Department of Economics

Tribhuvan University, Kirtipur, Kathmandu, Nepal

March, 2018

### LETTER OF RECOMMENDATION

This thesis entitled "Impact of Labor Migration on Economic Growth in Nepal" has been prepared by Mr. Sabin Kumar Karki under my supervision and guidance. I hereby recommend this thesis for examination by the Thesis Committee as a partial fulfillment of the requirements for the Degree of Masters of Arts in Economics.

\_\_\_\_\_

Prof. Dr. Ramchandra Dhakal Thesis Supervisor

### **APPROVAL LETTER**

We certify that this thesis entitled "Impact of Labor Migration on Economic Growth in Nepal" submitted by Mr. Sabin Kumar Karki to the Central Department of Economics, Faculty of Humanities and Social Science, Tribhuvan University, in partial fulfillment of the requirements for the Degree of Masters of Arts in Economics has been found satisfactory in scope and quality. Therefore, we accept this thesis as a part of the said degree.

<b>Thesis Committee</b>				
Prof. Dr. Kushum Shakya				
Head of				
Department				
•••••				
Dr. Padma Khatiwada				
<b>External Examiner</b>				
•••••				
Prof. Dr. Ramchandra Dhakal				
Thesis Supervisor				

### **ACKNOWLEDGEMENTS**

It is my great pleasure, highest with the regards, eternal gratitude and special acknowledgement to express my respected teacher and supervisor Dr. Ramchandra Dhakal, Professor of the Central Department of Economics, Tribhuvan University, Kirtipur, Kathmandu for his consistent encouragement and for his praiseworthy contribution for the completion to prepare Master's Degree Thesis entitled "Impact of Labor Migration on Economic Growth in Nepal". His broad horizon of knowledge, clear view about the subject and inspiring personality always encouraged me to go through my work without any difficulties. Without his incredible patience and timely wisdom and counsel, my thesis work would have been a frustrating and overwhelming pursuit. I am thankful to Central Department of Economics and Head of the Department Prof. Dr. Kushum Shakya for providing me a great opportunity to prepare Master's Degree Thesis entitled "Impact of Labor Migration on Economic Growth in Nepal".

I'd like to extend my sincere thanks to Department of Foreign Employment and its staff for their kind support in providing various valuable information and secondary sources of data regarding the study. I'm highly indebted to all the respondents of the study area for their kind assistance for providing valuable information during the field survey. I'm grateful to all who are known and unknown, helping me in the pre and post field works. I'm thankful for their co-operation.

Specially, I would like to thanks my friends, Deepak Raj Awasthi, Sumi Neupane, Sudarshan Adhikary, Rishi Sharma and Manoj Khadka for their encouragement and help to complete my study, without their inspiration I would not have been in this stage.

Finally, I would like to thank my parents, brothers and entire family for their help and support during the research period I would not have been able to complete this thesis without their continuous support and encouragement.

Sabin Kumar Karki

## TABLE OF CONTENTS

S.N.  ii  iii  iv  v	TOPIC PAGE Recommendation I i Approval Acknowledgement Table List Acronyms		of Table	and	l		contents Figure
V 1							
			ER - ON				
1.1	Background 1	to		the			Study
1.2	Statement 4	of		the			Problem
1.3	Objectives 6	of		the			Study
1.4	6			Hypothesis	of	the	Study
1.5	6			Significance	of	the	Study
1.6	Limitations 7	of		the			Study
1.7	Organization 8	of	•	the			Study
CHAPTER - TWO REVIEW OF LITERATURE							
2.1	Theoretical Review			-			
2.2	Empirical Review 15						

	1.2.1	International C	Context			
	<ul><li>15</li><li>2.2.2 Nepalese Context</li><li>18</li></ul>					
2.3 21		Research	Gap			
	CHAPTER - THREE					
RESEARCH METHODOLOGY						
3.1	Conceptual Framework 23					
3.2	Research 24		Design			
3.3	Nature and Sources 24	of	Data			
3.4	Tools of Data Analysis 24					
	<ul><li>3.4.1 Test of Stationary</li><li>25</li></ul>					
3.5	Testing the Overall Signification 25	nnce of Regression:	F-Test			
3.6	26	Model Specif	fication			
	3.6.1 Relationship between Labour Mig 26	gration and Economic (	Growth			
	3.6.2 Impact of Labor Migra 27	tion on Economic (	Growth			
	3.6.3 Causality between Labor Migration Gro Economic 28		Growth			
3.7	28	xplanation of Va	ariables			

### CHAPTER – FOUR FINDINGS AND ANALYSIS

	29						
4.2	Trend 30	and Structure of Labor Migration and GDP in Nepal					
	4.2.1 33	Trend of Ratio of Remittance to Labour Migration					
	4.2.2 35	Trend of Real GDP to Labour Migration					
	4.2.3 38	Financial Assistance to Ailing and Maimed Nepali Migrant					
	4.2.4	Long Run and Short Run Relationship between Labor					
		Migration and Economic Growth in Nepal					
	4.2.5 41	Impact of labor migration on Real GDP in Nepal					
	4.2.6 42	Causality Test					
		CHAPTER - FIVE					

Summary

Conclusion

Recommendations

44

45

46

5.1

5.2

5.3

### **APPENDIX**

Appendix A: Labour Migration and RGDP	48
Appendix B: Ratio of Remittance to LM	49
Appendix C: Ratio of RGDP to LM	50
Appendix D: Labor Migration Categorizing by 51	Skilled and Unskilled (In number)
Appendix E: Ailing and Maimed Nepali Migrant 52	Workers and Financial Assistance
Appendix F: 53	Stationary Test

### **REFERENCES**

54

## LIST of TABLES AND FIGURES

Table 1: Tren	d of Labour Mi	gration		
Table 2: Decad	de Wise Average	RGDP		37
Table 3: Johan	sen Co-integration	on Test		40
Table			Regression 41	Result
			est	43
Figure 1: Tren	nd of Labour M	igration (LM)		
Figure 2: Tren	nd of Labour Mig	gration by Catego	rizing Skilled and Unskille	ed
Figure 3: Shar	e of Skilled and	Unskilled Labou	r Migration (In Average) .	

Figure 4: Trend of Real GDP	,
Figure 5: Trend of Ratio of Remittance to Labour Migration	••
Figure 6: Trend of Real GDP to Labour Migration	•
Figure 7: Financial Assistance to Ailing and Maimed Nepali Migrant	••
Figure 8: Per Ailing and Maimed Nepali Migrant Financial Assistance	9

### LIST OF ACRONYMS

ADB Asian Development Bank

APEC Association of Petroleum Exporting Countries

ASEAN Association for South East Asian Nations

BITS Bilateral Investment Treaties

BOI Board of Investment

CBS Central Bureaus of statistics

CEDA Centre for Economic Development and Administration

CEDECON Central Department of Economics

DOI Department of Industry

ILO International Labor Organization

FDI Foreign Direct Investment

FI Foreign Investment

FY Fiscal Year

GDP Gross Domestic Product

GNI Gross National Income

GNP Gross National Product

HDI Human Development Index

HDR Human Development Report

IMF International Monetary Fund

Ktm Kathmandu

LDCs Least Developed Countries

M.A. Master of Arts

MDGs Millennium Development Goals

MIGA Multilateral Investment Guarantee Agency

MNCs Multinational Companies

MOF Ministry of Finance

MOI Ministry of Industry

NEA Nepal Electricity Authority

NIDC Nepal Industrial Development Corporation

NPC National Planning Commission

NRB Nepal Rastra Bank

NRN Non- resident Nepali

OECD Organization of Economic Co-operation and Development

R&D Research and Development

Rs. Rupees

SAARC South Asian Association for Regional Co-operation

SAFTA South Asian Free Trade Area

SAP Structural Adjustment Program

T.U. Tribhuvan University

UN United Nations