THE PERCEIVED BOND MARKET DEVELOPMENT IN NEPAL

A Thesis

By

Devi Khadka

Central Department of Management

Roll No: 1119/17

Registration No: 7-2-727-66-2012

Submitted In Partial Fulfillment of the Requirement for the Degree of Master of Business Studies (M.B.S.)

In the
Faculty of Management
Tribhuvan University

Kirtipur, Kathmandu March, 2020

ii

Certificate of Authorship

I hereby corroborate that I have researched and submitted the final draft of dissertation entitled

"The perceived of Bond Market Development in Nepal". The work of this dissertation has not

been submitted previously for the purpose of conferral of any degrees nor it has been proposed

and presented as part of requirements for any other academic purposes.

The assistance and cooperation that I have received during this research work has been

acknowledged. In addition, I declare that all information sources and literature used are cited

in the reference section of the dissertation.

.....

Devi Khadka

March, 2020

RECOMMENDATION LETTER

It is certified that thesis entitled **THE PERCEIVED OF BOND MARKET DEVELOPMENT IN NEPAL** submitted by Devi khadka is an original piece of research work carried out by the candidate under my supervision. Literary presentation is satisfactory and thesis is in a form suitable for publication. Work evinces the capacity of the candidate for critical examination and independent judgment. Candidate has put in at least 60 days after registering the proposal. The thesis is forwarded for examination.

.....

Prof. Dr. Puspa Raj Sharma

Thesis Supervisor

Central Department of Management

Tribhuvan University, Kirtipur, Kathmandu, Nepal

Date.....

APPROVA LETTER

We, the undersigned, have examined the thesis **THE PERCEIVED OF BOND MARKET DEVELOPMENT IN NEPAL** presented by Devi Khadka, a candidate for the degree of **Master of Business Studies** (MBS) semester, and conducted the viva voce examination of the candidate. We hereby certify that the thesis is worthy of acceptance.

Prof. Dr. Puspa Raj Sharma Γhesis supervisor
Lecturer, Santosh Pokharel Internal
Lecturer, Bhumi Raj Acharya External
Prof. Dr. Sanjay Kumar Shrestha Chairperson, research committee
Prof. Dr. Ramji Gautam Head of the department

V

Acknowledgements

Every research study would not be possible without the support, guidance and co-operation

from wonderful people. Having said that, firstly, I would to thank Tribhuwan University and

central department of management for providing me an opportunity and platform to show my

capability and capacity. I will always be thankful for giving me this opportunity.

Secondly, I offer sincere gratitude to Prof. Dr. Puspa Raj Sharma for his valuable supervision

and guidance in completing the study. His continuous support and constructive suggestion has

helped me to complete this thesis. This research would not be possible without the respondents'

cooperation and support. Hence, I would like to show my deepest appreciation for their

participants, college, central department of management and Commercial Banks for facilitating

to find the relevant respondents.

Lastly, I would like to thank all my friends, family, relatives, Central department teachers and

staff members for their undying motivation and feedback.

Devi Khadka

March, 2020

Table of Contents

CONTENTS	PAGE
Title Page	i
Certificate of Authorship	ii
Report Research Committee	iii
Approval Sheet	iv
Acknowledgements	v
Table of Contents	vi
List of Tables	viii
List of Figures	ix
Abbreviations	x
Abstracts	xı
CHAPTER 1: INTRODUCTION	1-5
1.1 Background of the study	
1.2 Problem statement	
1.3 Objectives of the study	
1.4 Significance of the study	
1.5 Limitations of the study	
CHAPTER 2: LITERATURE REVIEW	6-19
2.1 Theoretical review	6
2.2 Review of recent research articles and reports	7
2.2.1 Review of articles in the journal	7
2.2.1.1 Review of articles during 1990 to 2010	8
2.2.1.2 Review of articles during 2011 to 2015	9
2.2.1.3 Review of articles during 2016 to 2019	13
2.2.2 Review of previous theses	17
2.3 Research gap	19
CHAPTER 3: METHODODLOGY	19-26
3.1 Research design	19

3.2 Population and sample, and sampling design	19
3.3 Nature and sources of data, and the instrument of data collection	19
3.4 Methods of analysis	21
3.4.1 Model specification	22
3.5 Research framework and definition of variables	22
3.5.1 Operational definition and hypothesis formulation	23
CHAPTER 4: RESULTS	27-45
4.1 Data presenation and analysis	27
4.1.1 Demographic characteristics of the respondents	27
4.1.2 Reliability	32
4.1.2 Descriptive analysis of determinants	32
4.1.3 Correlation analysis	40
4.1.4 Regression analysis	42
4.1.5 Major findings	44
CHPATER 5: CONCLUSIONS46-49	
5.1Discussion.	46
5.2 Conclusion.	47
5.3 Implications	48
REFERENCES	50-54
APPENDICES	55-68

List of Tables

Table 2.1 Review of articles during 1990 to 2010	9
Table 2.2 Review of articles during 2011 to 2015	10
Table 2.3 Review of articles during 2016 to 2019	14
Table 2.4 Review of theses	18
Table 4.1 Demographic characteristics of respondents	29
Table 4.2 Coefficient of Cronbach's Alpha	33
Table 4.3 Respondent's opinions regarding decrease in interest rate	34
Table 4.4 Respondent's opinions regarding decrease in inflation rate	36
Table 4.5 Respondent's opinions regarding credit rating	37
Table 4.6 Respondent's opinions regarding banking system	41
Table 4.7 Respondent's opinions regarding bond market	46
Table 4.8 Pearson's Correlation Matrix of primary data	41
Table 4.9 Pearson's correlation coefficients of secondary data	43
Table 4.10 Regression results of determinants on the basis of primary data	44
Table 4.11 Regression results of determinant on the basis of secondary data	45

List of Figures

Figure 3.1 Conceptual framework	24
Figure 4.1 Respondents classified by gender	30
Figure 4.2 Respondents classified by age	30
Figure 4.3 Respondents classified by academic qualification	31
Figure 4.4 Respondents classified by the length of experience	
on bond market related activities	31
Figure 4.5 Respondents classified by associate field in relation	
to bond market	32

Abbreviations

ANOVA : Analysis of variance

CRA : Credit Rating Agency

et al. : And others

G-20 : Group of 20 countries

GDP : Gross Domestic Product

HMG : His Majesty's Government

IOSCO : International Organization of Securities Commissions

MANOVA : Multivariate analysis of variance

NEPSE : Nepal Stock Exchange

NRB : Nepal Rastra Bank

S&P : Standard and Poor's

SEBON : Securities Board of Nepal

SIFMA : Security Industry and Financial Markets Association

SPSS : Statistical Package for the Social Science

Abstracts

The objective of this study is to investigate the impact of independents variables: interest rate, inflation, credit rating, banking industry and economic growth, with dependent variable, bond market. Economic growth variable analysis is based upon secondary data, whereas apart from that variable, all other variables are based upon secondary data. Number of respondents selected for primary data are 100 respondents. They are distributed and collected by personal visit form researcher and by using online google sheets. As per the secondary data, reports from Nepal Rastra Bank and Security Board of Nepal for real gross domestic product and listed value of bond from 2001/02 to 2017/18. This study is based on quantitative analysis by converting the qualitative data into quantitative data form for primary data. Two major statistical tools, i.e. Pearson's correlation and simple linear regression approach, is used for measuring the relationship between the independent variables and dependent variables. Pearson's correlation coefficient concluded that there is a positive and significant relationship between decrease in interest rate, decrease in inflation rate, credit rating and banking industry for primary data analysis and moreover, all have significant and positive beta coefficient. As per secondary data, Pearson's correlation coefficient concludes that there is significant and positive correlation between real gross domestic product and listed value of bond. And like wise, regression model shows there is positive and significant beta coefficient of real gross domestic product with respect to listed value of bond. Hence, this study concludes that there is positive relationship between credit rating, banking industry and economic growth with respect to bond market. While, interest rate and inflation are inversely related with respect to bond market. Such that, government, issuer and investors plays a vital role in bond market. In essence, least developed country like Nepal has still undeveloped bond market. If these above variables managed appropriately by relevant regulator, development of bond market in Nepal does not take long. Hence, above five determinants perceived the development of bond market in Nepal.

Key word:Bond market,interest rate,inflation rate,banking industry,economic growth rate.