

**Empirical Study of the Current Views of Corporate  
Voluntary Disclosures and Firm Value**

**By**

**Gatawa Kandage Chirath Jeewantha**

A thesis submitted to  
the University of Sri Jayewardenepura  
in partial fulfillment of the requirements  
for the Degree of Master of Science in Management  
on 09<sup>th</sup> July 2015

## DECLARATION

I, Gatawa Kandage Chirath Jeewantha declare that this Master thesis entitled “Empirical Study of the Current Views of Corporate Voluntary Disclosures and Firm Value” is my own work. This thesis contains no material that has been submitted previously, in whole or in part, for the award of any other academic degree or diploma.



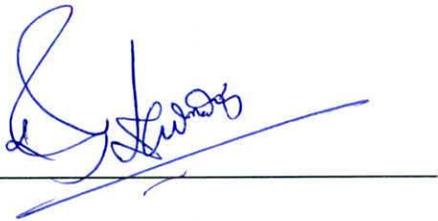
---

Gatawa Kandage Chirath Jeewantha

(5266FM2011022)

## RECOMMENDATION OF THE SUPERVISOR FOR THE THESIS

This is to certify that this thesis submitted by Gatawa Kandage Chirath Jeewantha (5266FM2011022) in partial fulfillment of the requirement for the Degree of Master of Science in Management at the Faculty of Graduate Studies of the University of Sri Jayewardenepura is a record of the own work carried out by the student under my supervision. This thesis has been submitted with my approval.



Supervisor

Professor D.B.P.H. Dissabandara

Department of Finance

Faculty of Management Studies and Commerce

University of Sri Jayewardenepura

## TABLE OF CONTENTS

<b>DECLARATION.....</b>	<b>II</b>
<b>RECOMMENDATION OF THE SUPERVISOR FOR THE THESIS .....</b>	<b>III</b>
<b>TABLE OF CONTENTS.....</b>	<b>IV</b>
<b>LIST OF TABLES .....</b>	<b>IX</b>
<b>LIST OF FIGURES .....</b>	<b>XI</b>
<b>LIST OF TERMS AND ABBREVIATIONS.....</b>	<b>XII</b>
<b>ACKNOWLEDGEMENTS.....</b>	<b>XIII</b>
<b>ABSTRACT .....</b>	<b>XIV</b>

<b>CHAPTER ONE: INTRODUCTION .....</b>	<b>1</b>
1.1 Introduction .....	1
1.2 Background of Study.....	1
1.3 Motivation to Study.....	7
1.4 Research Problem.....	8
1.5 Research Objectives .....	10
1.6 Methodology .....	10
1.7 Significance of the Study .....	11
1.8 Limitations of the Study .....	13
1.9 Summary .....	14
1.10 Chapter Organization .....	14

<b>CHAPTER TWO: LITERATURE REVIEW .....</b>	<b>17</b>
2.1 Introduction .....	17
2.2 Voluntary Disclosures .....	17
2.3 Voluntary Disclosures in Annual Reports.....	24
2.3.1 Corporate and Strategic Information.....	25
2.3.2 Financial and Capital Market Disclosures.....	27
2.3.3 Corporate Governance Disclosures .....	27
2.3.4 Corporate Social Responsibility (CSR)/Sustainability Disclosures .....	28
2.3.5 Risk Management Disclosures .....	30
2.3.6 Internal Control Disclosures.....	32
2.3.7 Intellectual Capital Disclosures.....	33

2.3.8 Forward Looking Information.....	37
2.4 Theories and Management Motives for Voluntary Disclosures.....	37
2.4.1 Agency Theory.....	38
2.4.2 Signaling Theory.....	39
2.4.3 Legitimacy Theory.....	40
2.4.4 Capital Need Theory.....	40
2.4.5 Stakeholder Theory.....	40
2.4.6 Management Motives for Making Voluntary Disclosures.....	41
2.5 Drivers of Voluntary Disclosure.....	43
2.5.1 Ownership Structure.....	43
2.5.1.1 Director Ownership and Corporate Voluntary Disclosures.....	45
2.5.1.2 Block Holder Ownership and Corporate Voluntary Disclosures.....	45
2.5.2 Corporate Governance Characteristics.....	46
2.5.2.1 Independent Non-executive Directors and Corporate Voluntary Disclosures.....	50
2.5.2.2 Board Size and Corporate Voluntary Disclosures.....	51
2.5.3 Leverage.....	51
2.5.4 Profitability.....	52
2.5.5 Firm Size.....	53
2.5.6 Nature of the Audit Firm.....	55
2.5.7 Industry.....	57
2.6 Voluntary Disclosures and Firm Value.....	58
2.7 Corporate Characteristics and Firm Value.....	64
2.8 Summary.....	66
<b>CHAPTER THREE: RESEARCH METHODOLOGY.....</b>	<b>68</b>
3.1 Introduction.....	68
3.2 Quantitative Research Approach.....	68
3.3 Research Strategy.....	69
3.4 Conceptual Framework.....	70
3.5 Hypotheses Development.....	71
3.5.1 Drivers of Corporate Voluntary Disclosures.....	71
3.5.1.1 Ownership Structure.....	71
3.5.1.2 Corporate Governance Attributes.....	71
3.5.1.3 Corporate Characteristics.....	72

3.5.2 Corporate Voluntary Disclosures, Corporate Characteristics and Firm Value.....	72
3.6 Variable Measurement .....	73
3.6.1 Voluntary Disclosures .....	73
3.6.1.1 Scoring Disclosure Index .....	77
3.6.2 Ownership Structure.....	78
3.6.3 Corporate Governance Attributes.....	78
3.6.4 Leverage.....	79
3.6.5 Profitability.....	80
3.6.6 Firm Size .....	80
3.6.7 Big Four Auditors.....	81
3.6.8 Industry.....	81
3.6.9 Firm Value.....	82
3.7 Regression Models .....	84
3.7.1 Regression Assumption.....	86
3.7.1.1 Normality .....	86
3.7.1.2 Homoscedasticity .....	86
3.7.1.3 Multicollinearity .....	87
3.7.1.4 Autocorrelation.....	87
3.8 Sample.....	88
3.9 Data and Data Collection .....	89
3.9.1 Primary Data – Questionnaire and Describe the Questionnaire .....	89
3.9.2 Secondary Data .....	90
3.10 Testing Period .....	91
3.11 Research Variables and Operationalization.....	92
3.12 Validity and Reliability .....	94
3.13 Summary .....	95
<b>CHAPTER FOUR: DATA ANALYSIS .....</b>	<b>97</b>
4.1 Introduction .....	97
4.2 Corporate Voluntary Disclosures .....	97
4.3 Drivers of Corporate Voluntary Disclosures.....	109
4.3.1 Descriptive Statistics .....	110
4.3.2 Correlation Matrix and Multicollinearity Analysis .....	112
4.3.3 Regression Results .....	114

4.4 Voluntary Disclosures and Firm Value .....	119
4.4.1 Descriptive Statistics .....	119
4.4.2 Correlation Matrix and Multicollinearity Analysis .....	121
4.4.3 Regression Results .....	123
4.4.5 Robustness Check .....	125
4.5 Questionnaire Survey .....	127
4.5.1 Descriptive Statistics .....	128
4.5.2 Survey Results.....	132
4.6 Chapter Summary.....	135
<b>CHAPTER FIVE: DISCUSSION .....</b>	<b>136</b>
5.1 Introduction .....	136
5.2 Corporate Voluntary Disclosures .....	136
5.2.1 Corporate and Strategic Information Disclosure.....	138
5.2.2 Financial and Capital Market information Disclosures.....	139
5.2.3 Corporate Governance Information Disclosures .....	139
5.2.4 Intellectual Capital Information Disclosures.....	140
5.2.5 CSR/Sustainability Information Disclosures.....	141
5.2.6 Risk Management Information Disclosures .....	142
5.3 Drivers of Voluntary Disclosures.....	144
5.3.1 Ownership Structure.....	144
5.3.2 Corporate Governance.....	146
5.3.3 Profitability.....	148
5.3.4 Firm Size .....	149
5.3.5 Leverage.....	150
5.3.6 Nature of Audit Firm.....	150
5.3.7 Industry.....	151
5.4 Voluntary Disclosures and Firm Value .....	152
5.5 Summary .....	154
<b>CHAPTER SIX: SUMMARY AND CONCLUSION .....</b>	<b>156</b>
6.1 Introduction .....	156
6.2 Summary .....	156
6.3 Conclusion.....	159

6.4 Implications..... 162  
6.5 Future Research..... 165  
**References ..... 167**  
**APPENDIX I.....XVI**  
**APPENDIX II..... XX**

## LIST OF TABLES

Table 3.1 Disclosure Index Table .....	74
Table 3.2 Summary of Experts Comments.....	75
Table 3.3 Weightings of Corporate Voluntary Disclosures Index .....	77
Table 3.4 Testing Period.....	91
Table 3.5 Operationalization of Variables – Drivers of Voluntary Disclosures .....	92
Table 3.6 Operationalization of Variables – Voluntary Disclosures and Firm Value....	93
Table 4.1 Disclosure Index Score.....	98, 100
Table 4.2 Descriptive Statistics for Disclosure Index .....	101
Table 4.3 Dispersion of Disclosure Index .....	102
Table 4.4 Descriptive Statistics for Sub Categories of Disclosure Index.....	103
Table 4.5 Disclosure Scores for Sub Categories .....	104
Table 4.6 Voluntary Disclosures of Top 20 Companies .....	107
Table 4.7 Voluntary Disclosures of Middle 20 Companies .....	108
Table 4.8 Voluntary Disclosures of Lower 20 Companies .....	108
Table 4.9 Descriptive Statistics of Voluntary Disclosure Drivers .....	110
Table 4.10 Correlation Matrix – Drivers of Voluntary Disclosures.....	113
Table 4.11 Regression Results .....	115
Table 4.12 Summary of the Results for Drivers of Voluntary Disclosures.....	118
Table 4.13 Descriptive Statistics .....	119
Table 4.14 Tobin’s Q.....	120
Table 4.15 Correlation Matrix.....	122
Table 4.16 Regression Results .....	124
Table 4.17 Summary of the Results for Model Two .....	125
Table 4.18 Regression Results .....	126
Table 4.19 Nature of Questions.....	128

Table 4.20 Demographic Information of Respondents .....	128
Table 4.21 Ranking Information Sources.....	131
Table 4.22 Summary Statistics of Questionnaire Survey .....	133
Table 5.1 Level of Voluntary Disclosure in Other Countries .....	137

## LIST OF FIGURES

Figure 3.1 Conceptual Framework .....	70
Figure 4.1 Evolution of Disclosure Index .....	102
Figure 4.2 Evolutions of Sub Categories of Voluntary Disclosure Index .....	106
Figure 4.3 Maximum Possible Score and Received Score .....	109
Figure 4.4 Dispersion of Firm Value.....	121
Figure 4.5 Importance of Information Sources .....	132

## LIST OF TERMS AND ABBREVIATIONS

BV	- Book Value
CA Sri Lanka	- The Institute of Chartered Accountant of Sri Lanka
CBSL	- Central Bank of Sri Lanka
CEO	- Chief Executive Officer
CSE	- Colombo Stock Exchange
CSR	- Corporate Social Responsibility
EPS	- Earnings Per Share
FASB	- Financial Accounting Standard Board
GAAP	- Generally Accepted Accounting Principle
GRI	- Global Reportive Initiatives
IFRS	- International Financial Reporting Standards
MV	- Market Value
OECD	- Organization for Economic Corporation and Development
ROA	- Return on Assets
ROE	- Return on Equity
SEC	- Securities and Exchange Commission
TBL	- Triple Bottom Line
VDS	- Voluntary Disclosure Score
VIF	- Variance Inflation Factor

## ACKNOWLEDGEMENTS

I would like to express my sincere gratitude to my supervisor Professor Dissabandara, Department of Finance, Faculty of Management Studies and Commerce, University of Sri Jayewardenepura, Sri Lanka. His wide knowledge and experience in research guiding has been valuable to me in providing a good basis for the thesis. His encouragement, systematic supervision continuous comments enabled me to develop an understanding of conducting a research project in a consistent and effective manner.

I wish to acknowledge Professor Samanthi Senaratne, Dr. Manjula K. Wanniarachchige, Senior Lecturer Mr. H. V. D. I. Abeywickrama, Mrs. Surana Fernando, Mr. Harshana Suriyapperuma, Mr. Tishan Subasinghe and Mr. Nishantha Hewavithana who provided me with valuable comments on voluntary disclosure index. I am also grateful to Dr. Tissa Hemaratne, Senior Lecturer in Law, Department of Management and Entrepreneurship, Faculty of Management and Finance, University of Ruhuna, Sri Lanka. His proof reading and constructive comments provided valuable additions to the thesis.

It is an honour for me to thank Professor Sunethra Perera, Dean Faculty of Management and Finance, Senior Lecturer Mr. H.V.D.I. Abeywickrama, Head Department of Accounting and Finance and other academia of Faculty of Management and Finance, University of Ruhuna. Their support and encouragement enormously motivated me to complete the study effectively. I owe my loving thanks to my parents, brothers and sisters who have always encouraged me in my educational endeavours.

## ABSTRACT

Stakeholders' demands for transparent information have created a challenging disclosure environment for listed companies in Sri Lanka. Therefore, the corporate disclosure practices in Sri Lanka have changed dramatically over the last three decades. The purpose of this study is to expand the understanding of corporate voluntary disclosures in Sri Lanka while ascertaining the relationship between corporate voluntary disclosures and firm value. Although a few studies have been undertaken in Sri Lanka, this study provides new insights about voluntary disclosures in Sri Lankan context. Sixty non-financial companies were selected based on market capitalization for the study purpose. Company annual reports from 2009 to 2014 were scrutinized to find the voluntary disclosures. Market related information was gathered from the data library of Colombo Stock Exchange. Panel regression was utilized due to the nature of time series and cross sectional.

This study supported for agency theory and legitimacy theory influencing the voluntary disclosure practices in Sri Lanka to reduce the information asymmetry. The study demonstrated that although the level of voluntary disclosure in Sri Lankan listed companies is lower. However, it is acceptable compared to other similar countries. It is confirmed that the size of firm was the most significant factor in determining voluntary disclosure practices in Sri Lanka. Moreover, block holders negatively influenced to the voluntary disclosures in Sri Lankan listed companies. Nevertheless, corporate governance variables do not have any impact to the voluntary disclosure practices. Furthermore, profitability, leverage, industry are not influencing voluntary disclosure practices. This study has found that auditors' duty has been limited to financial

statements in Sri Lankan listed companies. This study provides the evidence that corporate voluntary disclosures are significant in determining the firm value in Sri Lanka. The questionnaire survey found that still investors believe voluntary disclosures in annual reports provide support for their decision-making even though their decisions are not largely dependent on voluntary disclosures.

The outcome of this study would encourage developing standards for disclosing information in annual reports and persuading corporate managers to reform disclosure practices. Results of this study might be interesting to regulators, investment analysts and market participants. Moreover, the cumulative effect of the major conclusion that are made at the end of this study would help future policy and procedure formulation in order to increase the quality and quantity of voluntary disclosures in Sri Lanka.

Key words: *voluntary disclosure, value relevance, firm value, agency theory,*

*information asymmetry*