## RELATIONSHIP BETWEEN FOREIGN EXCHANGE RATE AND FOREIGN INVESTMENT IN COLOMBO STOCK EXCHANGE

By



L.D. LIYANAGE REG. NUMBER: EU/IS/2014/COM/72 INDEX NUMBER: COM 1842





A Project Report Submitted to the Faculty of Commerce and Management, Eastern University, Sri Lanka as a partial fulfillment of the requirement of the Degree of Bachelor of Commerce Honour (B. Com Hons).

Department of Commerce
Faculty of Commerce and Management
Eastern University, Sri Lanka
2020

## **Abstract**

This research study carried on to find out whether there is a relationship between foreign exchange rate and foreign investment in Colombo Stock Exchange. Also it examines the exchange rate behaviour in Sri Lanka and foreign investors' behaviour in Colombo Stock Exchange.

Researcher analyze monthly data for the US dollar and Euro exchange rate, Central Depository Systems (CDS) foreign investors account details, Foreign Securities of the Colombo Stock Exchange for the period from January 2015 to December 2019. Key objective of the study is to find out the relationship between foreign exchange rate and foreign investment in Colombo Stock Exchange.

To identify exchange rate behaviour in Sri Lanka and identify Colombo Stock Market foreign investors' behaviour are other specific objectives. Researcher used 'sensitivity analysis to find out these objectives. Monthly percentage change of US Dollar rate and Monthly percentage change of foreign Securities of held in the CDS, Monthly percentage change of Euro rate and Monthly percentage change of foreign Securities of held in the CDS, Monthly percentage change of foreign Securities of held in the CDS, Monthly percentage change of foreign Securities of held in the CDS, Monthly percentage change of Japan Yen rate and Monthly percentage change of foreign Securities of held in the CDS, were analysed by using sensitivity analysis. Then identified there is a strong positive relationship among those variables within sample period.

Key words: Exchange rate, Colombo Stock Exchange, Foreign investors, Sensitivity analysis, Percentage changes.

## **Table of Contents**

Acknowledgement	i
Abstract	ii
Table of Contents	iii
List of Tables	vi
List of Figures	vii
Abbreviations	viii
Chapter 01	
Introduction	
1.1 Background of the study	
1.2 Problem Statement	
1.3 Research Questions	5
1.4 Research Objectives	5
1.5 Significance of the study	5
1.6 Scope of the research	6
1.7 Chapter Summary	
Chapter 02	7
Literature Review	7
2.1 Introduction	
2.2.1 Colombo Stock Exchange	
2.2.2 Foreign Investment in Shares	9
2.2.3 Foreign Exchange Rate	
2.2.4 Sensitivity of bank stock return to market, interest rate and exchange rate	
2.2.5 Nominal exchange rate & its' effects for foreign investment	12
2.2.6 Foreign investors are and how foreign investors can involve their stock m investment.	arket13
2.2.7 Behaviour of Foreign Investment	13
2.2.8 How exchange rate volatility affects for foreign investments	
2.2.9 Relationship of Exchange rate & Foreign investment	14
2.2.10 Arguments for relationship of variables	14
2.3 Chapter Summary	16
Chapter 03	17
Conceptual Framework and Operationalization	17
3.1 Introduction	
3.2 Conceptualization	
3.3 Conceptual Framework	17

2	4.1 Control Danagitany System	18
	4.1 Central Depository System	
	4.2 Foreign Securities	
	4.3 Foreign exchange rate	10
3.5	Hypotheses	
3.6	Operationalization	
3.7	Chapter Summary	
	er 04	
	odology	
	Introduction	
4.2	Research Design	
4.3	Sampling	
4.4	Methods of Data Collection	
4.5	Period of Data Collection	
4.6	Sources of Data Collection	
	Methods of Data Analysis	
	.7.1 Univariate Analysis	
	.7.2 Regression Analysis	
4	.7.3 Correlation Analysis	
4.8		
4.9	Chapter Summary	.25
Chapt	ter 05	.26
	Presentation & Analysis	
5.1	Introduction	.26
5.2	Analysis of exchange rates	.26
5	.2.4 Trend of GB Pound Exchange Rate	.28
5	2.5 Trend of Japan Yen Exchange Rate	.28
5.3	Analysis of Foreign Investment and CDS Foreign Accounts	29
5	5.3.2 Trend of Foreign Investments	29
5	5.3.3 Trend of Foreign CDS Accounts	30
5.4 Inv	Regression Analysis and Correlation Analysis of Exchange Rates and Foreign restment	30
5	5.4.1 Regression and Correlation Analysis of US Dollar and Foreign Securities	30
5	5.4.2 Correlation and Regression Analysis of Euro Rate and Foreign Securities	32
5	5.4.3 Correlation and Regression Analysis of GB Pound Rate and Foreign Securit	ies 33
4	5.4.4 Correlation and Regression Analysis of Japan Yen Rate and Foreign Securit	ies
	Regression Analysis of Exchange Rates and Foreign CDS Accounts	

5.5.1 Regression and Correlation Analysis of US Dollar and Foreign CDS Accounts 35
5.5.2 Regression and Correlation Analysis of Euro Rate and Foreign CDS Accounts 37
5.5.3 Regression and Correlation Analysis of GB Pound Rate and Foreign CDS Accounts
5.5.4 Regression and Correlation Analysis of Japan Yen Rate and Foreign CDS Accounts
5.6 Chapter Summary41
Chapter 06
Discussion42
6.1 Introduction
6.2 Discussion42
6.2.1 Discussion on the exchange rate behaviour in Sri Lanka during the selected period
6.2.2 Discussion of Colombo Stock Market foreign investors' behaviour
6.2.3 Discussion of the relationship between foreign exchange rate and foreign investment in Colombo Stock Exchange
6.2.4 Discussion of the relationship between foreign exchange rate and foreign CDS accounts in Colombo Stock Exchange
6.3 Chapter Summary47
Chapter 07
Conclusion and Recommendation
7.1 Introduction
7.2 Conclusion
7.3 Recommendations
7.3 Limitations49
7.4 Summary
References 50
Appendix52