



UNIVERSITI TEKNOLOGI MARA

**DETERMINANTS OF ENERGY CONSUMPTION:
EVIDENCE FROM INDIA AND CHINA**

**MIMI SYAHIRAH BINTI AZMAN
2016595715**

Final Year Project Paper submitted in fulfillment
of the requirements for the degree of
**Bachelor of Business Administration
(Finance)**

Faculty of Business and Management

December 2018

AUTHOR'S DECLARATION

I declare that the work in this final year project paper was carried out in accordance with the regulations of Universiti Teknologi MARA. It is original and is the results of my own work, unless otherwise indicated or acknowledged as referenced work. This thesis has not been submitted to any other academic institution or non-academic institution for any degree or qualification.

I, hereby, acknowledge that I have been supplied with the Academic Rules and Regulations for Undergraduate, Universiti Teknologi MARA, regulating the conduct of my study and research.


Name of Student : Mimi Syahirah binti Azman

Student I.D. No. : 2016595715

Programme : Bachelor of Business and Administration (Hons)
Finance.

Faculty : Business and Management

Thesis : Determinants of Energy Consumption: Evidence
From India And China

Signature of Student : 

Date : December 2018

ABSTRACT

The overused of energy in one country can be a problems because it is not good for the environment unless the energy used is protected by using a sustainable energy. This research will focus more on the factors that affecting the demand for energy consumption. The country that has been chosen for this research is China and India where the demand for energy for both countries seems to be increase over the year. There are several factor that may affecting the energy demand that will be discuss in this research study such as co2 Emissions, Gross Domestic Product, Population and Urbanization.

TABLE OF CONTENTS

	Page
AUTHOR'S DECLARATION	ii
ABSTRACT	iii
ACKNOWLEDGEMENT	iv
TABLE OF CONTENT	v
LIST OF TABLES	vii
LIST OF FIGURES	viii
LIST OF SYMBOLS	ix
LIST OF ABBREVIATIONS	x
CHAPTER ONE INTRODUCTION	1
1.1 Introduction	1
1.2 Research Background	1
1.3 Problem Statement	3
1.4 Research Questions	4
1.5 Research Objectives	4
1.6 Significance of the Study	4
1.7 Scope of the Study	5
1.8 Limitation of the Study	5
1.9 Definition of Key Terms	5
1.10 Summary	5
CHAPTER TWO LITERATURE REVIEW	6
2.1 Introduction	6
2.2 Literature Review	6
2.2.1 Literature Review on Energy Consumption	6
2.2.2 Literature Review on Gross Domestic Product	7
2.2.3 Literature Review on Population	8
2.2.4 Literature Review on co2 Emission	8

LIST OF TABLES

Tables	Title	Page
Table 2.1	Summary of Literature Review	10
Table 3.1	Hypothesis Statement of T-test	13
Table 3.2	Hypothesis Statement of F-test	13
Table 3.3	Variable and Proxies	14
Table 3.4	Correlation Coefficient	15
Table 4.1	Descriptive Analysis for India	16
Table 4.2	Descriptive Analysis for China	17
Table 4.3	Summary of Correlation Matrix for India	18
Table 4.4	Summary of Correlation Matrix for China	18
Table 4.5	Regression Analysis for India	19
Table 4.6	Regression Analysis for China	19
Table 4.7	Summary of Multiple Regression Analysis for India	20
Table 4.8	Summary of Multiple Regression Analysis for China	20
Table 4.9	Multicollinearity	24
Table 4.10	Autocorrelation for India and China	24
Table 4.11	Heteroscedasticity for India and China	25
Table 5.1	Summary of Result from the Study	28