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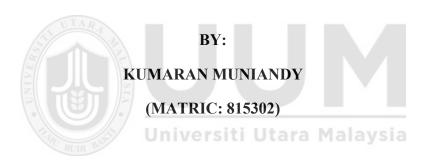


SUPPLY CHAIN MANAGEMENT PRACTICES AND PERFORMANCE OF TEXTILE AND APPAREL FIRMS IN MALAYSIA



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SUPPLY CHAIN MANAGEMENT PRACTICES AND PERFORMANCE OF TEXTILE AND APPAREL FIRMS IN MALAYSIA



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In Partial Fulfillment of the Requirements for the Degree of Master Science
(Management)



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ABSTRACT

Supply Chain Management (SCM) plays a significant role in determining the success of manufacturing companies. Despite the relevance and applicability of SCM to manufacturing firms, the review of the previous research reveals that there is limited research that attempted to investigate the effect of SCM practices on the performance of manufacturing companies, particularly among the textile and apparel companies in Malaysia. As a result, there is not only lack of information but also little knowledge concerning SCM practices and its effect on the performance of textile and apparel companies in the country. This study initiates an attempt to address this limitation by examining the relationship between SCM practices and the performance of textile and apparel firms in Malaysia. By using structured questionnaire, the data for the study was collected from 100 firms operating in the textile and apparel industry. The results of the analysis of the data indicate that SCM practices such as customer relationship, strategic supplier partnership, and strategic outsourcing adopted by the textiles firms are significantly associated to their performance.

Keywords: supply chain management practice, customer relationship, strategic supplier partnership, strategic outsourcing, and organizational performance.

ABSTRAK

Pengurusan rantaian bekalan memainkan peranan penting dalam menentukan kejayaan sesebuah syarikat pembuatan. Walaupun pengurusan rantaian bekalan relevan dan sesuai kepada firma-firma pembuatan, kajian kesusasteraan mendedahkan bahawa terdapat penyelidikan terhad yang mengkaji hubungan antara amalan pengurusan rantaian bekalan dengan prestasi firma perkilangan, terutamanya di syarikat tekstil dan pakaian di Malaysia. Oleh yang demikian terdapat bukan sahaja kekurangan maklumat tetapi juga pengetahuan yang sedikit mengenai amalan pengurusan rantaian bekalan dan hubungannya dengan prestasi syarikat tekstil dan pakaian di Negara ini.Kajian ini merupakan satu usaha untuk mengatasi had tersebut dengan mengkaji hubungan antara amalan pengurusan rantaian bekalan dengan prestasi syarikat tekstil dan pakaian di Malaysia. Dengan menggunakan soal selidik berstruktur, data untuk kajian ini telah dikumpulkan daripada 100 firma yang beroperasi dalam industry tekstil dan pakaian.Hasil analisis data menunjukkan bahawa amalan pengurusan rantaian bekalan seperti perhubungan pelanggan, perkongsian pembekal strategik, dan penyumberan luar strategik yang diguna pakai oleh syarikat tekstil dan pakaian mempunyai hubungkait yang signifikan berkaitan dengan prestasi syarikat mereka.

Kata Kunci: amalan pengurusan rantaian bekalan, perhubungan pelanggan, perkongsian strategic pembekal, penyumberan luar strategik, dan prestasi organisasi.

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TABLE OF CONTENTS

PER	MISSION TO USE	iii
ABS	TRACT	iv
ABS	TRAK	v
ACK	KNOWLEDGEMENT	vi
TAB	ELE OF CONTENTS	vii
LIST	Γ OF TABLES	X
LIST	Γ OF FIGURES	X
LIST	Γ OF ABBREVIATIONS	xi
СНА	APTER ONE: INTRODUCTION	1
1.1	Introduction	1
1.2	Background of Study	2
1.3	Problem Statement Universiti Utara Malaysia	4
1.4	Research Questions	5
1.5	Objective of the Study	6
1.6	Scope of the Study	6
1.7	Significance of the Study	7
	1.7.1 Theoretical Contribution	7
	1.7.2 Practical Contribution	7
1.8	Definitions of Key Terms	8
CHA	APTER TWO: LITERATURE REVIEW	9
2.1	Introduction	9
2.2	Supply Chain Management	9
2.3	Supply Chain Management Practices	12

	2.3.1 Customer Relationship	14
	2.3.2 Strategic Supplier Partnership	15
	2.3.3 Strategic Outsourcing	16
2.4	Organizational Performance	18
2.5	Supply Chain Management Practices and Organizational Performance	20
2.6	Summary	21
СНА	PTER THREE: METHODOLOGY	22
3.1	Introduction	22
3.2	Research Framework	22
3.3	Hypotheses Development	24
3.4	Measurement of Research Variables	24
3.5	Questionnaire	25
3.6	Reliability and Validity of Measurement	26
3.7	Target Population and Sampling	27
3.8	Data Collection Method	27
3.9	Statistical Analysis	27
3.10	Summary	28
СНА	PTER FOUR: THE RESULTS	29
4.1	Introduction	29
4.2	Demographic Characteristics of the Respondents	29
4.3	Supply Chain Management Practices and Performance	36

4.4	Relati	onship between SCM Practices and Performance	36
	4.4.1	Results of the Pearson Correlation Analysis	37
	4.4.2	Multiple Regression	38
4.5	Summ	ary of the Results of the Hypothesis Testing	40
4.6	Concl	usion	40
СНА	PTER I	FIVE: CONCLUSION AND RECOMMENDATION	41
5.1	Introd	uction	41
5.2	Overv	iew of the Study	41
5.3	Concl	usion	42
	5.3.1	Relationship between Customer Relationship and Organizational	43
		Performance	
	5.3.2	Relationship between Strategic Supplier Partnership and	44
		Organizational Performance	
	5.3.3	Relationship between Strategic Outsourcing and Organizational	44
		Performance	
5.4	Implic	eations of the Study	45
5.5	Limita	ations of the Study	46
5.6	Sugge	stions for Future Study	46
REFI	ERENC	ES	48
APPI	ENDIX		60

LIST OF TABLES

Table 3.1	Measurement of Research Variables	25
Table 3.2	Result of Reliability Analysis	26
Table 4.1	Demographic Characteristic of Respondents	29
Table 4.2	Mean Values of Supply Chain Management Practices and	36
	Performance	
Table 4.3	Results of Pearson Correlations Analysis	37
Table 4.4	Results of Multiple Regression Analysis	49
Table 4.5	Summary of Hypothesis Testing	40

LIST OF FIGURES



LIST OF ABBREVIATIONS

CR Customer Relationship

DSAM Direct Selling Association Malaysia
FMM Federation of Malaysian Manufacturers

IBBM Institute Bank-Bank Malaysia

MATRADE Malaysian External Trade Development Corporation

MGMA Malaysian Garment Manufacturers Association
MIDA Malaysian Investment Development Authority
MKMA Malaysian Knitting Manufacturers Association

MOF Ministry of Finance

MTMA Malaysian Textile Manufacturers Association

MQA Malaysian Qualifications Agency
OP Organizational Performance

ROA Return on Assets

ROI Return on Investments

SCM Supply Chain Management

SCMP Supply Chain Management Practices

SME CORP. Small and Medium Enterprises Corporation SPSS Statistical Package for Social Science

SO Strategic Outsourcing

SSM Suruhanjaya Syarikat Malaysia

SSP Strategic Supplier Partnership

CHAPTER ONE

INTRODUCTION

1.1 Introduction

The textile and apparel industry plays a significant role in the Malaysian economy. According to the Malaysian Investment Development Authority (MIDA), the textile and apparel industry is one of the main contributors to the manufacturing sector in Malaysia. The Department of Statistic Malaysia reported that in 2011, the exports from the textile and apparel firms were valued at RM10.81 billion and they contributed about 1.7% of the total growth experienced by the manufacturing sector in Malaysia.

The textile and apparel industry is considered important to the manufacturing sector in Malaysia. Despite the importance of the textile and apparel industry, the literature indicates that as an area of study, firms in this particular industry have not received much research emphasis. More specifically, the review of literature reveals not only limited studies have investigated textile and apparel firms but also research in this area seems to be neglected as well. As a result, there is not much information about the nature of textile and apparel firms as well as how these firms are being managed in the Malaysian context.

In view of the gaps in research and information, this study attempted to examine textile and apparel firms from the SCM perspective. More precisely, the study represents an effort to investigate the relationship between SCM practices and performance of textile and apparel firms in Malaysia.

The contents of the thesis is for internal user only

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APPENDIX



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Dear Sir/Madam.

exploreSUPPLY CHAIN MANAGEMENT This survey seeks to PRACTICES AND PERFORMANCE OF TEXTILE AND APPAREL MALAYSIA. The information FIRMS IN obtain fromthissurveyisimportantformetomeettheobjectiveontheresearchinfulfilling the requirement for Master of Science Management (MSc.) of University Utara Malaysia (UUM). This survey will take approximately 10 minutes to be Universiti Utara Malaysia completed.

Please do not disclose your name or contact details on the questionnaire. It will remain anonymous. Your information will be treated strictly confidential and used only for statistical analysis and academic purposes. Your honesty and sincere answers to the questions asked are very much appreciated.

I sincerely thank you for your participation and cooperation in this study.

KUMARAN MUNIANDY

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SECTION A

Kindly tick ($\sqrt{ }$) the appropriate answer. What is your gender? 1. Male Female What is your age? 2. Below 20 20-29 30-39 40-49 50 and above 3. Race Malay Indian Chinese Others 4. **Marital Status** Universiti Utara Malaysia Single Married Divorce Position in Company 5. CEO / President President Manager Director Others (lain – lain).....(Please state) Highest Academic Level 6. BachelorDegree Master Degree STPM Diploma

	SPM	Certificate
	Others (Please state)	
7.	Total years of working experience	
	1-5 years	6-10 years
	11- 15 years	> 15 years
8.	Length of service at your company	
	Less than 1 year	
	1 - 2 years	3 - 4 years
	4 - 6 years	>6 years
9.	Number of employees in your com	pany?
	100 - 250 Univers	251 – 500
	501 – 1000	over 1000
10. W	What is your legal form of your compa	any? (Circle one) 1 2 3 4 5
1.	. Sole proprietorship	
2.	. Partnership	
3.	. Private limited company	
4.	. Public limited company	
5.	. Others (specify)	

11. Indicate the association/s that your company is registered to:
Malaysian External Trade Development Corporation (MATRADE)
Malaysian Textile Manufacturers Association(MTMA)
Malaysian Knitting Manufacturers Association(MKMA)
Malaysian Garment Manufacturers Association (MGMA)
Small and Medium Enterprises Corporation (SMEs Corp. Malaysia)
Federation of Malaysian Manufacturers (FMM)
Others (lain – lain) (Please state)
12. What is the size of your company?
Micro Small
Medium Large
13. Annual sales turnover (RM) in 2016:
Below RM300,000
Within RM300,000 to RM15 Million
Within RM15 Million to RM 50 Million
More than RM50 million
14. What is the supply chain position of your company?
Upstream (closer to raw material)
Midstream
Downstream (closer to consumers)
All the above

15. How many suppliers do your company	have?
< 5	6-19
20-99	> 100
16. To what extent does your company em	phasized on supply chain management?
Not at all	
A little	
Very much	



SECTION B

Organizational performance refers to the extentan organization is able to achieve its market-oriented as well as financial objectives. By using the following scale, rate the performance of your company for the past five years.

Scale: 1 = Significant decrease, 2 = Decrease, 3=Remain the same, 4=Increase, 5=Significant increase.

			\$	SCA	LE	
	STATEMENT	1	2	3	4	5
1.	Sales					
2.	Growth in sales					
3.	Return on investment (ROI)					
4.	Growth in return on investment.		V			
5.	Market share					
6.	Growth in market share					
7.	Profit margin Universiti Utara N	lal	ays	ia		
8.	Overall competitive position.					
9.	Deliver dependability (on-time delivery, order fill rate, frequency of delivery, and delivery speed)performance					
10	Cost saving					
11.	Product and service quality					
12	Forecasting accuracy					
13	Reduced inventory level					
14	Flexibility (firm's ability to adapt to changes in the businessenvironment)					
15	Return on assets (ROA)					
16	Customer satisfaction					

SECTION C

The following statements explain the customer relationships emphasized in supply chain management. By using the following scale, please indicate your level of agreement with each of following statements.

Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree	
1	2	3	4	5	

	STATEMENT					
	STATEMENT	1	2	3	4	5
1.	We frequently interact with customers to set reliability, responsiveness, and other standards for us.					
2.	We frequently measure and evaluate customer satisfaction.					
3.	We frequently determine future customer expectations.					
4.	We facilitate customers' ability to seek assistance from us.	sia				
5.	We periodically evaluate the importance of our relationship with our customers.					
6.	Flexibility towards variety of demands from customers (product mix, volume and delivery)					
7.	Commitment to improve the management of everything that customers suggest					
8.	Weshare a sense of fair play with our customers					
9.	We have frequent follow-up with its customers for quality/service feedback					
10.	We frequently evaluate the formal and informal complaints of its customers					

SECTION D

To what extent do you agree with the following statements describing the strategic supplier relationships in your company's supply chain management? Kindly use the following scale.

Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
1	2	3	4	5

			S	CAL	LE		
	STATEMENT	1	2	3	4	5	
1.	We consider quality as our number onecriterion in selecting suppliers.						
2.	We regularly solve problems jointly with our suppliers.						
3.	We have helped our suppliers to improve their product quality.						
4.	We have continuous improvement programsthat include our key suppliers.	/SIa					
5.	We include our key suppliers in our planning and goal-setting activities.						
6.	We actively involve our key suppliers in new product development processes.						
7.	We rely on few dependable suppliers						
8.	We certify our suppliers for quality						
9.	We strive to establish long term relationship with our suppliers						
10.	We rely on few high-quality suppliers						

SECTION E

The following statements explain strategic outsourcing of services in your organization. To what extent do you agree with these statements? Please use the following scale to rate your agreement.

Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree	
1	2	3	4	5	

	STATEMENT		SCALE						
			2	3	4	5			
1.	Organization outsources some of the manufacturing activities from outside vendors								
2.	Organization has reliable and committed outsourcing partners.								
3.	Organization outsources the manufacturing activities to focus on core competencies.	ia							
4.	Improvement in customer services due to outsourcing.								
5.	Organization grabs the opportunity of emerging technology through outsourcing.								
6.	Inventory liabilities of the organization have gone down due to outsourcing.								
7.	Organization has succeeded in diverting capital investment due to outsourcing.								

8.	The orientation of my company has shifted from managing vertical functions to integrating full stream processes from the supplier to the consumer			
9.	My company has developed and is pursuing a plan to establish and maintain business partnerships			
10.	My company extensively measures logistics performance in terms of cost, productivity, customer service, asset management, and quality			
11.	My company successfully utilizes time-based logistics solutions like continuous replenishment, quick response, and just-in-time with customers and/or suppliers			
12.	Manufacturing or logistics information systems in my company are being expanded to include more integrated applications			
13.	My company utilizes more strategies to postpone movement and final product configuration today than two years ago			
14.	My company has procedures in place to facilitate reverse logistics	sia		
15.	My company has undergone extensive logistics process re- engineering during the past two years			
16.	My company considers logistics as one of the core strengths			
17.	My company believes in the strategic values of using IT in our supply chain. Therefore, the development of IT is driven and planned by senior management			
18.	My company has partnerships with customers / suppliers who operate under principles of rewards and risks.			
19.	Management emphasis has shifted from managing separate logistics functions to managing whole supply chain.			
20.	My company has common, agreed to policies and procedures to standardize logistic operation			