The copyright © of this thesis belongs to its rightful author and/or other copyright owner. Copies can be accessed and downloaded for non-commercial or learning purposes without any charge and permission. The thesis cannot be reproduced or quoted as a whole without the permission from its rightful owner. No alteration or changes in format is allowed without permission from its rightful owner.



THE ORGANISATIONAL CHARACTERISTICS AND KNOWLEDGE MANAGEMENT ENABLER TOWARDS EMPLOYEE ENTREPRENEURIAL ORIENTATION IN KLANG VALLEY MANUFACTURING INDUSTRIES



DOCTOR OF BUSINESS ADMINISTRATION UNIVERSITI UTARA MALAYSIA April 2018

THE ORGANISATIONAL CHARACTERISTICS AND KNOWLEDGE MANAGEMENT ENABLER TOWARDS EMPLOYEE ENTREPRENEURIAL ORIENTATION IN KLANG VALLEY MANUFACTURING INDUSTRIES



Thesis Submitted to
Othman Yeop Abdullah Graduate School of Business,
Universiti Utara Malaysia,
in Partial Fulfillment of the Requirement for the Doctor of Business Administration



OTHMAN YEOP ABDULLAH GRADUATE SCHOOL OF BUSINESS UNIVERSITI UTARA MALAYSIA

PERAKUAN KERJA TESIS / DISERTASI

(Certification of thesis / dissertation)

Kami, yang bertandatangan,	memperakukan bahawa
(We, the undersigned, certify	that)

KESAVAN A/L NALLALUTHAN

calon untuk ljazah (candidate for the degree of)

DOCTOR OF BUSINESS ADMINISTRATION

telah mengemukakan tesis / disertasi yang bertajuk: (has presented his/her thesis / dissertation of the following title):

THE ORGANIZATIONAL CHARACTERISTICS AND KNOWLEDGE MANAGEMENT ENABLER TOWARDS EMPLOYEE ENTREPRENEURIAL ORIENTATION IN KLANG VALLEY MANUFACTURING INDUSTRIES

seperti yang tercatat di muka surat tajuk dan kulit tesis / disertasi.

(as it appears on the title page and front cover of the thesis / dissertation).

Bahawa tesis/disertasi tersebut boleh diterima dari segi bentuk serta kandungan dan meliputi bidang ilmu dengan memuaskan, sebagaimana yang ditunjukkan oleh calon dalam ujian lisan yang diadakan pada:

01 November 2017.

(That the said thesis/dissertation is acceptable in form and content and displays a satisfactory knowledge of the field of study as demonstrated by the candidate through an oral examination held on:

01 November 2017.

Pengerusi Viva (Chairman for Viva)

Assoc. Prof. Dr. Faridahwati bt Mohd. Shamsudin

Tandatangan (Signature)

gan fair walnu a

Pemeriksa Luar (External Examiner)

Prof. Dr. Noor Hazlina Ahmad

Tandatangan (Signature)

Pemeriksa Dalam (Internal Examiner)

Dr. Syed Abidur Rahman

Tandatangan (Signature)

Tarikh: 01 November 2017

(Date)

Nama Pelajar (Name of Student) Kesavan a/l Nallaluthan

Tajuk Tesis / Disertasi (Title of the Thesis / Dissertation) The Organizational Characteristics and Knowledge Management Enabler Towards Employee Entrepreneurial Orientation in Klang Valley Manufacturing Industries

Program Pengajian (Programme of Study)

Doctor of Business Administration

Nama Penyelia/Penyelia-penyelia (Name of Supervisor/Supervisors)

Dr. Norshafizah binti Hanafi

Tandatangan (Signature)



PERMISSION TO USE

In presenting this dissertation paper in partial fulfillment of the requirements for a Post Graduate degree from the Universiti Utara Malaysia (UUM), I agree that the Library of this university may make it freely available for inspection. I further agree that permission for copying this dissertation paper in any manner, in whole or in part, for scholarly purposes may be granted by my supervisor or in her absence, by the Dean of Othman Yeop Abdullah Graduate School of Business where I did my dissertation paper. It is understood that any copying or publication or use of this dissertation paper parts of it for financial gain shall not be allowed without my written permission. It is also understood that due recognition shall be given to me and to the UUM in any scholarly use which may be made of any material in my dissertation paper.

Request for permission to copy or make other use of materials in this dissertation, in whole or in part, should be addressed to:

Dean of Othman Yeop Abdullah Graduate School of Business

Universiti Utara Malaysia
06010 UUM Sintok
Kedah Darul Aman

Universiti Utara Malaysia

ABSTRACT

The aim of this study is to examine the relationship between organisational characteristics, knowledge management enabler, learning orientation and employee entrepreneurial orientation among the manufacturing industry employees in Klang Valley, Malaysia. The theoretical model based on Resource-Based Theory approach to the employee entrepreneurial orientation was developed. To answer the research questions, seven hypotheses were formulated. These are; (i) There is significant relationship between organisational characteristics and learning orientation, (ii) There is significant relationship between knowledge management enabler and learning orientation, (iii) There is significant relationship between learning orientation and employee entrepreneurial orientation, (iv) There is significant relationship between organisational characteristics and employee entrepreneurial orientation, (v) There is significant relationship between knowledge management enabler and employee entrepreneurial orientation, (vi) learning orientation mediates the relationship organisational characteristics and employee entrepreneurial orientation, and (vii) learning orientation mediates the relationship knowledge management enabler and employee entrepreneurial orientation. Self-administered questionnaires were distributed to the manufacturing industry employees. A total of 386 manufacturing employees of all levels were involved in this study, making an overall 25.73 percent response rate. This study utilised the Partial Least Squares Structural Equation Modelling (PLS-SEM) to establish the validity and reliability of the measurement model and test the relationships. The findings of the study showed that both organisational characteristics and knowledge management enabler have significant influences on employee entrepreneurial orientation. The results indicated that learning orientation has a mediating role in the relationship between organisational characteristics towards employee entrepreneurial orientation, and knowledge management enabler towards employee entrepreneurial orientation. The findings offered several theoretical and practical implications to employees and policy makers. The limitations of the study are addressed and recommendations for future research work also offered.

Keywords: entrepreneurial orientation, organisational characteristics, knowledge management enabler, learning orientation.

ABSTRAK

Tujuan kajian ini ialah untuk memberi penumpuan kepada keperluan penyelidikan ke atas hubungan di antara ciri organisasi, pemboleh ubah pengurusan pengetahuan, orientasi pembelajaran dan pekerja berorientasikan keusahawanan di kalangan pekerja industri pembuatan di Lembah Klang, Malaysia. Model teoretikal berasaskan Teori Berasaskan Sumber ke atas pekerja berorientasikan keusahawanan telah dibangunkan. Untuk menjawab persoalan-persoalan kajian, tujuh hipotesis telah dibentuk, iaitu (i) wujud hubungan signifikan di antara ciri organisasi dengan orientasi pembelajaran, (ii) wujud hubungan signifikan di antara pemboleh ubah pengurusan pengetahuan, dengan orientasi pembelajaran, (iii) wujud hubungan signifikan di antara orientasi pembelajaran dengan pekerja berorientasikan keusahawanan, (iv) wujud hubungan signifikan di antara ciri organisasi dengan pekerja berorientasikan keusahawanan, (v) wujud hubungan signifikan di antara pengurusan pengetahuan dengan pekerja berorientasikan keusahawanan, (vi) orientasi pembelajaran mengantara hubungan di antara ciri organisasi dengan pekerja berorientasikan keusahawanan, dan (vii) orientasi pembelajaran mengantara hubungan di antara pemboleh ubah pengurusan pengetahuan dengan pekerja berorientasikan keusahawanan. Soal selidik tadbir kendiri telah diedarkan kepada para pekerja dalam industri pembuatan. Seramai 386 orang pekerja industri pembuatan pada semua peringkat telah terlibat dalam kajian ini, dan ia menjadikan kadar tindak balas bagi keseluruhan adalah sebanyak 25.73%. Kajian ini menggunakan Permodelan Persamaan Berstruktur- Kuasa dua terkecil separa (PLS-SEM) untuk mewujudkan kesahan dan kebolehpercayaan pengukuran model, serta untuk menguji hubungan tersebut. Hasil kajian menunjukkan bahawa kedua-dua ciri-ciri organisasi dan pemboleh ubah pengurusan pengetahuan mempunyai pengaruh yang besar terhadap pekerja berorientasikan keusahawanan. Dapatan kajian juga menunjukkan bahawa orientasi pembelajaran mempunyai peranan pengantara separa dalam hubungan antara ciri organisasi ke arah pekerja berorientasi keusahawanan dan pemboleh ubah pengurusan pengetahuan ke arah pekerja berorientasi keusahawanan. Dapatan ini menyediakan beberapa implikasi teoretikal dan praktikal kepada pekerja dan pembuat-pembuat dasar. Batasan kajian ini telah dikenali dan cadangan untuk kajian pada masa akan datang turut dikemukakan.

Kata Kunci: orientasi keusahawanan, ciri-ciri organisasi, pemboleh ubah pengurusan pengetahuan, orientasi pembelajaran

ACKNOWLEDGEMENT

I would like to acknowledge and thank the many people who have helped to make this journey possible, especially for their support and guidance. Also, those who have helped me to complete this dissertation. Foremost to my supervisor, Dr. Norshafizah Hanafi. You have inspired me through your approach teachings, intuition, and guidance in my doctoral dissertation. Your involvement in my development as a researcher, not only for the dissertation but also in the doctoral courses you have advised. Your belief in me has encouraged me to keep going during the most difficult time of my life. You have been a friend and a mentor who has allowed me to grow as a student and professional individual. You have challenged my thinking and helped me see the world from various disciplines outside my comfort territory, of strategic planning and entrepreneurship. Your advice on focusing and being in depth proved true. Your input during dissertation write up has helped me to see the insights of this research. Your invaluable contributions enabled me to shorten the time taken to complete this dissertation.

To my wife, Vithubala Nanthini Chandran, I thank you for putting your life on hold for a few years. Your great love, support, encouragement, and understanding during this time has been unwavering. I could not have done this without you. To my daughters, Devadharrshini, Devahashini, and Yogavaishnavi, thank you for sacrificing during times I consumed with work and university. Moreover, to all of my family members and friends who have cheered me on from the sidelines, I thank you all for your prayers and support. Their others who in either has enabled this process to be a success and for all your help; may the Almighty fulfill the desires of your hearts.

Thank you to Prof. Dr. Rosli Mahmod, Prof. Dr. Dileep Kumar, Dr. Zainol, Assoc Prof. Dr. Filzah, Dr. Awanis, Assoc. Prof. Dr. Subramaniam, Dr. Gunalan, Prof. Dr. Nor Azila, and all the administrative staff in UUMKL, and Othman Yeop Abdullah Graduate School, Universiti Utara Malaysia for all of your unending help and support throughout my Doctor of Business Administration program. Your voice created value in this research.

Thank you very much to Shin-Etsu Malaysia, Managing Director Hiroshi Hisano, General Manager Mr. Takeshi Kageyama, Human Resource Manager Late Mr. Tan Choon Keong and the entire staff members who have encouraged, supported, and financed my studies.

I would also like to thank the Malaysian Postgraduate Workshop Series - MPWS Rich Resources for the help rendered during the writing, compiling, and editing of my dissertation.

I am dedicating this dissertation to my parents who introduced confidence, discipline, courage, perseverance, and the value of education to me. They have always given me their continuous support and encouragement and have been the primary source of inspiration for my career and scholarly endeavour.

TABLE OF CONTENTS

Title	41		Page
TIT	LE PAC	SE	i
CEF	RTIFICA	ATION OF THESIS WORK	ii
PER	MISSI	ON TO USE	iv
ABS	TRACT		v
ABS	TRAK.		vi
ACF	NOWI	EDGEMENT	vii
LIST	Γ OF TA	ABLES	xii
LIST	r of fi	GURES	xiii
LIST	OF AI	PPENDICES	xiv
ABR	EAVIA	TION OF TERMS	xv
CHA		ONE: INTRODUCTION	
1.0		luction	
1.1	1	ground of the Study	
1.2		em Statement	
1.3	Resea	arch Questions	17
1.4		arch Objectives	
1.5	Scope	e of Study	20
1.6		ficant of Study	
1.7	Defin	ition of Terms	23
1.8	Organ	nisation of the Thesis	24
СНА	PTER	TWO: LITERATURE REVIEW	25
2.0	Introd	luction	25
2.1	Entre	preneurial Orientation	25
	2.1.1	What is Entrepreneurship?	25
	2.1.2	Entrepreneurial Orientation - Concept and Definition	29
	2.1.3	Dimensions of Entrepreneurial Orientation	33
	2.1.4	Applications of Entrepreneurial Orientation	45
	2.1.5	Employees Entrepreneurial Orientation	49

2.2	Organ	nisational Characteristics			
	2.2.1	Organisational Characteristics - Concept and Definition			
	2.2.2	Dimensions of Organisational Characteristics			
	2.2.3	Application of Organisational Characteristics			
2.3	Know	rledge Management			
	2.3.1	Knowledge Management - Concept and Definition			
	2.3.2	Knowledge Management Enabler			
	2.3.3	Dimensions of Knowledge Management Enabler			
	2.3.4	Application of Knowledge Management Enabler			
2.4	Learn	ing Orientation			
	2.4.1	Learning Orientation - Concept and Definition			
	2.4.2	Dimensions of Learning Orientation			
	2.4.3	Application of Learning Orientation			
2.5	Under	pinning theories			
2.6	Chapt	er summary95			
CHA	PTER	THREE: RESEARCH METHODOLOGY97			
3.0	Introd	uction			
3.1		rch Framework			
3.2	Hypothesis Development				
	3.2.1	Organisational Characteristics and Learning Orientation			
	3.2.2	Knowledge Management Enablers and Learning Orientation 101			
	3.2.3	Learning Orientation and Employee Entrepreneurial Orientation 103			
	3.2.4	Organisational Characteristics and Employee Entrepreneurian			
		Orientation			
	3.2.5	Knowledge Management Enabler and Employee Entrepreneurial			
		Orientation			
	3.2.6	Learning Orientation as Mediator			
3.3	Resea	Research Design			
	3.3.1	Types of Research Design			
3.4	Measu	ares and Instrumentation			
	3.4.1	Measures			
	3.4.2	Instrumentations			

3.5	Data (Collection	121
	3.5.1	Sampling	121
	3.5.2	Sampling Frame	121
	3.5.3	Sampling Size	122
	3.5.4	Questionnaire Design	122
	3.5.5	Sampling Technique	123
3.6	Data o	collection procedures	124
	3.6.1	Pilot Test	124
	3.6.2	Data Collection Process	127
	3.6.3	Face Validity	128
	3.6.4	Non-Response Bias	130
3.7	Techn	iques of Data Analysis	130
	3.7.1	Descriptive Analysis	131
	3.7.2	Partial Least Squares (PLS) Technique	131
	3.7.3	Evaluate PLS models	133
3.8	Chapt	er Summary	135
CHA	PTER I	FOUR: ANALYSIS AND FINDINGS	136
4.0	Introd	uction	136
4.1	Data C	Collection Process and Survey Responses	136
	4.1.1	Response Rate	136
	4.1.2	Test of Non-Response Bias	138
	4.1.3	Descriptive Statistics	139
	4.1.4	Multicollinearity Test	142
4.2	Testin	g the Goodness of Measurements	143
	4.2.1	Testing the Measurement Model "Outer Model" using PLS-SI	EM. 144
4.3	The Fi	rst-Order and Second-Order Constructs	153
4.4	The A	ssessment of the Inner Model and Hypotheses Testing Procedur	es 155
4.5	Testin	g the Mediating Effect of Learning Orientation	158
4.6	The Pr	redictive Relevance of the Model	164
	4.6.1	Predictive Redundancy and Communality	164
	4.6.2	R-Squared	165
	4.6.3	Effect Size	166

4.7	The Goodness-of-Fit of the Whole Model			166		
4.8	Summary of the Findings			167		
CHA	PTER	FIVE:	DISCUSSION,	RECOMMENDATION	AND	
CON	CLUSI	ON			169	
5.0	Introd	uction			169	
5.1	Overv	view of Findir	ıgs		169	
5.2	Chara	cteristics of F	Respondents		174	
5.3	Discu	ssion			175	
	5.3.1	The Relatio	nships Between Org	anisational Characteristics and		
		Learning Or	rientation		175	
	5.3.2	The Relatio	nships Between Kno	wledge Management Enabler	and	
		Learning On	rientation		177	
	5.3.3	The Relatio	nship Between Lear	ning Orientation and Employe	2	
		Entrepreneu	rial Orientation		179	
	5.3.4	The Relatio	nship Between Orga	nisational Characteristics and		
		Employee E	Intrepreneurial Orien	ntation	181	
	5.3.5	The Relationship Between Knowledge Management Enabler and				
		Employee E	Intrepreneurial Orien	itation	183	
	5.3.6 The Mediating Role of Learning Orientation between Organisationa				ational	
		Characterist	ics and Employee E	ntrepreneurial Orientation	185	
	5.3.7	The Mediati	ing Role of Learning	Orientation between Knowled	lge	
		Managemen	t Enablers and Emp	loyee Entrepreneurial Orientat	ion. 186	
5.4	Contri	Contributions of the Study				
	5.4.1	Theoretical	Contributions		189	
	5.4.2	Practical Co	ntributions		193	
5.5	Study	Limitation			202	
5.6	Sugge	stions for Fut	ure Research		203	
5.7	Concl	usion			204	
REF	ERENC	ES			206	
APPI	ENDICE	ES			249	
PUB	LICATI	ON AND CO	NEERENCE		280	

LIST OF TABLES

Table		Page
Table 1.1	Sales value of the manufacturing industries	6
Table 1.2	Sales value, number of employees and salaries & wages	7
Table 1.3	Unemployment rate in Malaysia	11
Table 1.4	GDP Performance of the Manufacturing Sector, 2012-2016	12
Table 2.1	Similarity and differences among entrepreneurship intrapreneurship	and 54
Table 2.2	Advantages and disadvantages of entrepreneurship intrapreneurship	and 55
Table 3.1	Research Test Instruments	115
Table 3.2	Entrepreneurial Orientation Scale	116
Table 3.3	Organisational Characteristics Scale	118
Table 3.4	Knowledge Management Enabler Scale	119
Table 3.5	Learning Orientation Scale	120
Table 3.6	Reliability Results of Survey Instrument	
Table 4.1	Distribution of respondent by regions	137
Table 4.2	Group Statistics of Independent Sample T-test (n=386)	
Table 4.3	T-test Results for Non-Response Bias	139
Table 4.4	Sample Characteristics: Respondents Profile	140
Table 4.5	Multicollinearity Test	142
Table 4.6	Significance of the Factor Loadings	146
Table 4.7	The Convergent Validity Analysis	149
Table 4.8	Discriminant validity matrix	151
Table 4.9	Heterotrait-Monotrait Ratio (HTMT)	152
Table 4.10	The Establishment of Second-Order Constructs	154
Table 4.11	Result of the Structural "Inner" Model	158
Table 4.12	Testing Mediating Effect of Learning Orientation	163
Table 4.13	Predictive Quality Indicators of the Model	165
Table 4.14	The Effect Size of the Employee Entrepreneurial Orientation	166
Table 4.15	Summary of the Result	167

LIST OF FIGURES

Figure	Page
Figure 1.1	Sales value of the manufacturing sector
Figure 3.1	Theoretical Framework
Figure 4.1	Research model
Figure 4.2	Path Model Results
Figure 4.3	Path Model Significance Results
Figure 4.4	The Influences of the Organisational Characteristics, Knowledge Management Enabler, and Learning Orientation on Employee Entrepreneurial Orientation
Figure 4.5	The Direct Paths Model (c)



LIST OF APPENDICES

Appendix	Page
Appendix A	Number of employees and salaries & wages 6
Appendix B	Productivity performance of the manufacturing sector
Appendix C	Definition of Entrepreneurship and Entrepreneurial orientation 26
Appendix D	Uni-multidimensional of Entrepreneurial Orientation
Appendix E	Types of Research Design
Appendix F	Quantitative vs. Qualitative Research Characteristics
Appendix G	Research Questionnaire
Appendix H	Sampling techniques
Appendix I	Reliability Results of Survey Instrument (Pilot Test results) 126
Appendix J	Advantages and Disadvantages of Survey
Appendix K	T-test result (SPSS)
Appendix L	SmartPLS VIF result
Appendix M	Factor Analysis and loadings of the Items
Appendix N	Heterotrait-Monotrait Ratio (HTMT) Statistical Test

Universiti Utara Malaysia

ABBREVIATION OF TERMS

Abbreviation Description of Abbreviation

AVE Average variance extracted

CFA Confirmatory factor analysis

CR Composite reliability

DOSM Department of Statistic Malaysia

EEO Employee Entrepreneurial Orientation

FMM Federal of Malaysian Manufacturer

GoF Goodness of fit

IMP3 Third Industrial Master Plan

KME Knowledge Management Enabler

LO Learning Orientation

MIDA Malaysian Investment Development Authority

MITI Ministry of International Trade and Industry

MPC Malaysia Productivity Corporation

OC Organisational Characteristics

PLS Partial Least Squares

SEM Structural Equation Modeling

SPSS Statistical Package for Social Sciences

VAF Variance accounted for

VIF Variance inflation factor

CHAPTER ONE

INTRODUCTION

1.0 Introduction

Entrepreneurial orientation has become very important in any organisation because it has grown to be the central concept in the domain of entrepreneurship, an organisation with a strategic orientation involves certain aspects of entrepreneurship including decision-making, working concepts, and their managerial practice (Huang & Wang, 2011). In addition, implementation of entrepreneurial orientation supports an organisational growth and is the booster for the nation's economics (Zainol & Ayadurai, 2011; Sahasranamam & Sud, 2016). However, Covin and Slevin (2002) explain that entrepreneurial mind-set is not only among business owners or among managing directors only but it also requires the entire organisation involvement, especially employees (Sahasranamam & Sud, 2016). Failing to behave with an entrepreneurial mind-set will lead the organisation towards losses since competitors within the lapse of time can grab opportunities (Burgelman, 1983b). Therefore, top management or owners alone cannot make an organisation perform well in its business undertakings (Day, 1994), even though top team set strategic direction, execution of strategic priorities in the form of initiatives that result in action plans involves the entire spectrum of the business. The reason behind his statement is all employees, together with the managing directors or business owners must act entrepreneurially to support their business performance and its growth (Covin & Slevin, 2002; Sahasranamam & Sud, 2016). Besides that, Bositan and Hisrich (2001) showed that fostering the growth in the organisation requires the active participation of employees in generating new and innovative ideas.

The contents of the thesis is for internal user only

REFERENCES

- 24th Productivity Report 2016/2017 (2017). Malaysia Productivity Corporation.
- Abu Bakar, H., Mahmood, R., & Ismail, N.N.H. (2014). Combined Effect of Knowledge Management and Entrepreneurial Orientation on Performance of Small and Medium Enterprises. *Knowledge Management International Conference*, (KMICe) 2014, 12 – 15 August 2014, Malaysia.
- Abu Bakar, L.J., & Ahmad, H. (2010). Assessing the relationship between firm resources and product innovation performance. *Business Process Management Journal*, 16(3), 420-435.
- Acar, A.Z., Zehir, C., Ozgenel, N., & Ozsahin, M. (2013). The effects of customer and entrepreneurial orientations on individual service performance in banking sector. *Procedia Social and Behavioral Sciences*, 99, 526-535.
- Adamides, E.D., & Karacapilidis, N. (2006). Information technology support for the knowledge and social processes of innovation management. *Technovation*, 26, 50-59.
- Agarwal, R., & Prasad, J. (1998). A conceptual and operational definition of personal innovativeness in the domain of information technology. *Information Systems Research*, 9(2), 204-215.
- Ahmed, P.K. (1998). Culture and climate for innovation. European Journal of Innovation Management, 1(1), 30-43.
- Al-Alawi, A.I. (2005). The practice and challenges of knowledge management in financial sectors in Bahrain. *Asian Journal of information Systems*, 4(1), 101-107.
- Alavi, M., & Leidner, D. (2001). Review: Knowledge Management and Knowledge Management Systems: Conceptual Foundations and Research Issues. MIS Quarterly, 25(1), 107-136.
- Alazzaz, F., & Whyte, A. (2015). Linking employee empowerment with productivity in off-site construction. *Engineering, Construction and Architectural Management*, 22(1), 21-37.
- Alegre, J., Sengupta, K., & Lapiedra, R. (2013). Knowledge management and innovation performance in a high-tech SMEs industry. *International Small Business Journal*, 31(4), 454-470.
- Al-Hakim, L.A.Y., & Hassan, S. (2013). Knowledge management strategies, innovation, and organizational performance: An empirical study of the Iraqi MTS. *Journal of Advances in Management Research*, 10(1), 58-71.

- Alhnaity, H., Mohamad, A., & Ku Ishak, A. (2016). Entrepreneurial Thinking and Small Business Performance: The Case of Beneficiary Companies of Jordanian Erada Program. *Journal of Management and Sustainability*, 6(3), 68-78.
- Allameh, S.M., Zare, S.M., & Davoodi, S.M.R. (2011). Examining the Impact of KM Enablers on Knowledge Management Processes. *Procedia Computer Science*, 1211-1223.
- Allee, V. (1997). Knowledge evolution: Expanding organizational Intelligence. Boston, MA: Butterworth-Heinemann.
- Allis, R. (2012). The History of Entrepreneurship _ The Start-up Guide Creating a Better World Through Entrepreneur.
- Alstete, J.W. (2002). On becoming an entrepreneur: an evolving typology. *International Journal of Entrepreneurial Behaviour and Research*, 8(4), 222-234.
- Al-Swidi, A.K., & Mahmood, R. (2012). Total quality management, entrepreneurial orientation and organizational performance: The role of organizational culture, *African Journal of Business Management*, 6(13), 4717-4727.
- Alvarez, J.S., & Pedrosa, I. (2016). The assessment of entrepreneurial personality: The current situation and future directions. *Papeles del Psicólogo*, 37(1), 62-68.
- Alvarez, S.A., & Busenitz, L.W. (2001). The entrepreneurship of resource-based theory. *Journal of Management*, 27(6), 755-775.
- Ames, C., & Archer, J. (1988). Achievement goals in the classroom: Students' learning strategies and motivation processes. *Journal of Educational Psychology*, 80, 260-267.
- Amin, M., Ramayah, T., Abdullah, M.A., & Kaswuri, A.H. (2016). The effect of market orientation as a mediating variable in the relationship between entrepreneurial orientation and SMEs performance. *Nankai Business Review International*, 7(1), 39-59.
- Amit, R., & Schoemaker, P.J.H. (1993). Strategic assets and organizational rent. Strategic Management Journal, 14(1), 33-46.
- Amo, B.W., & Kolvereid, L. (2005). Organizational strategy, individual personality and innovation behavior. *Journal of Enterprising Culture*, 13(1), 7-19.
- Amzat, I.H., & Idris, A.R. (2012). Structural equation models of management and decision making styles with job satisfaction of academic staff in Malaysian Research University. *International Journal of Educational Management*, 26(7), 616-645.

- Anderson, J.C., & Gerbing, D.W. (1991). Predicting the performance of measure in a confirmatory factor analysis with a pretest assessment of their substantive validities. *Journal of Applied Psychology*, 76(5), 732-740.
- Anthony, K.P.W., Navarro, J.G.C., Carrion, G.C., & Millan, A.G.L. (2011). How entrepreneurial actions transform customer capital through time. *International Journal of Manpower*, 32(1), 132-150.
- Antoncic, B. (2001). Organizational processes in intrapreneurship: a conceptual integration. *Journal of Enterprising Culture*, 9(2), 221-35.
- Antoncic, B. (2007). Intrapreneurship: A comparative structural equation modelling study. *Industrial Management & Data Systems*, 107(3), 309-325.
- Antoncic, B., & Hisrich, R.D. (2003). Clarifying the intrapreneurship concept. Journal of small business and enterprise development, 10(1), 7-24.
- Anwar, S.A., & Jabnoun, N. (2006). The development of a contingency model relating national culture to total quality management. *International Journal of Management*, 23(2), 272-80.
- Argote, L. (2013). Organizational Learning: Creating, Retaining and Transferring Knowledge, Springer Science Business Media New York.
- Argyris, C., & Schön, D. (1978), Organizational Learning: A Theory in Action Perspective, Addison-Wesley, New York, NY.
- Armstrong, J., & Overton, T. (1977). Estimating Nonresponse Bias in Mail Survey. Journal of Marketing Research, 14(3), 396-402.
- Armstrong, M. (2010). Armstrong's Handbook of Reward Management Practice: Improving Performance Through Reward, Kogan Page, London.
- Arshad, A.S., Rasli, A., Arshad, A.A., & Mohd Zain, Z. (2014). The Impact of Entrepreneurial Orientation on Business Performance: A Study of Technology-based SMEs in Malaysia. *Social and Behavioral Sciences*, 130, 46-53.
- Ary, D., Jacobs, L.C., & Razavieh, A. (2010). Introduction to research in education (8th Ed.). Belmont, CA: Wadsworth/Thomson Learning.
- Atuahene-Gima, K., & KO, A. (2001). An empirical investigation of the effect of Market orientation and entrepreneurship orientation alignment on product innovation. *Organization Science*, 12(1), 54-74.
- Avella, L. (1999). Focal points in manufacturing strategic planning in Spain. International Journal of Operations & Production Management, 19(12), 1292-1317.

- Awwad, M.S., & Ali, H.K. (2012). Emotional intelligence and entrepreneurial orientation. *Journal of Research in Marketing and Entrepreneurship*, 14(1), 115-136.
- Bakar, & Mahmood, R. (2014). Linking Transformational Leadership and Corporate Entrepreneurship to Performance in the Public Higher Education Institutions in Malaysia. *Advances in Management & Applied Economics*, 4(3), 109-122.
- Baker, T., & Nelson, R.E. (2005). Creating something from nothing: Resource Construction through Entrepreneurial Bricolage. *Administrative Science Quarterly*, 50(3), 329-366.
- Baker, W.E., & Sinkula, J.M. (1999). The synergistic effect of market orientation and learning orientation on organizational performance. *Journal of the Academy of Marketing Science*, 24(4), 411-427.
- Barclay, D., Higgins, C., & Thompson, R. (1995). The partial least square (PLS) approach to causal modelling: Personal computer adoption and use as an illustration. *Technologies studies*, 2(2), 285-309.
- Barney, J.B. (1986). Strategic factor markets: expectations, luck, and business strategy. *Management Science*, 32(10), 1231-1241.
- Barney, J.B. (1991). Firm Resources and Sustained Competitive Advantage. *Journal of Management*, 17(1), 99-120.
- Baron, R.M., & Kenny, D.A. (1986). The Moderator-Mediator Variable Distinction in Social Psychological Research: Conceptual, Strategic, and Statistical Considerations. *Journal of Personality and Social Psychology*, 51(6), 1173-1182.
- Barringer, B.R., & Bluedorn, A.C. (1999). The relationship between corporate entrepreneurship and strategic management. *Strategic Management Journal*, 20(5), 421-444.
- Baskaran, S. (2017). Clarifying the Influence of Management Support in Creating Entrepreneurial Orientation. *The International Journal of Business & Management*, 5(2), 101-107.
- Baskerville, R., & Dulipovici, A. (2006). The theoretical foundations of knowledge management. *Knowledge Management Research & Practice*, 4(2), 83-105.
- Baum, J., Locke, E., & Smith, K. (2001). A multidimensional model of venture growth. *Academy of Management Journal*, 44(2), 292-303.
- Baumol, W.J., Litan, R.E., & Schramm, C.J. (2007). Good Capitalism, Bad Capitalism, and the Economics of Growth and Prosperity. New Haven: Yale University Press.

- Baxter, L.A., & Babbie, E.R. (2004). The basics of communication research. New York: Wadsworth/Thomson.
- Beard, J., & Sumner, M. (2004). Seeking strategic advantage in the post-net era: Viewing ERP systems from the resources-based perspective. *Journal of Strategic Information Systems*, 13(2), 129-150.
- Becker, J.M., Klein, K., & Wetzels, M. (2012). Hierarchical latent variable models in PLS-SEM: guidelines for using reflective-formative type models. *Long Range Planning*, 45(5), 359-394.
- Beneke, J., Blampied, S., Dewar, N., & Soriano, L. (2016). The impact of market orientation and learning orientation on organisational performance. *Journal of Research in Marketing and Entrepreneurship*, 18(1), 90-108.
- Berger, P.L., & Luckmann, T. (1966). The Social Construction of Reality: A Treatise in the Sociology of Knowledge. Garden City, NY: Doubleday.
- Berghman, L., Matthyssens, P., Streukens, S., & Vandenbempt, K. (2013). Deliberate learning mechanisms for stimulating strategic innovation capacity. *Long Range Planning*, 46(1-2), 39-71.
- Berita Harian. Nestle labur RM288j buka kilang kelapan. (27 October 2015). Retrieved on the 18, July, 2016 from http://www.bharian.com.my/
- Bessant, J., Kaplinsky, R., & Lamming, R. (2003). Putting supply chain learning into practice. *International Journal of Operations & Production Management*, 23(2), 167-184.
- Bickelmaier, C.R., & Ringel, M. (2010). Knowledge management in international organisations. *Journal of Knowledge Management*, 14(4), 524-539.
- Billikopf, G. (2011). Empowerment and Delegation. Labor Management in Agriculture: Cultivating Personnel Productivity. The Regents of the University of California.
- Bleoju, G., & Capatina, A. (2015). Leveraging organizational knowledge vision through Strategic Intelligence profiling the case of the Romanian software industry. *Journal of Intelligence Studies in Business*, 5(2), 48-58.
- Bluman, A.G. (2009). Elementary Statistics. A step by step approach (7th edition). USA: McGraw-Hill.
- Bollen, K.A. (1989). Structural equation modelling with latent variables (2nd Ed.). New York: Wiley.
- Borg, W.R., & M.D. Gall. (1979). Educational Research. 3rd edition. White Plains, NY: Longman.

- Boso, N., Cadagon, J.W., & Story, V.M. (2012). Complementary effects of entrepreneurial and market orientation on export new product success under differing levels of competitive intensity and financial capital. *International Business Review*, 21(4), 667-681.
- Bostjan, A., & Hisrich, R.D. (2001). Intrapreneurship: Construct Refinement and Cross cultural Validation. *Journal of Business Venturing*, 16, 495-527.
- Bostrom, R., & Heinen, J. (1977). MIS problems and failures: a socio-technical perspective. MIS Quarterly, 1(3), 17-32.
- Boyett, I. (1997). The public sector entrepreneur a definition. *International Journal of Entrepreneurial Behavior & Research*, 3(2), 77-92.
- Bratnicki, M., & Gabryś B.J. (2011). Orientacja przedsiębiorcza a sukces organizacji. *Prace i Materiały Wydziału Zarządzania Uniwersytetu Gdańskiego*, 4(2), 63-72.
- Brockhaus, R.H. (1980). Risk Taking Propensity of Entrepreneurs. *The Academy of Management Journal*, 23(3), 509-520.
- Brockhaus, R.H. (1982). The Psychology of the Entrepreneur, in C. Kent. D.L. Sexton, and K.H. Vesper, Encyclopaedia of Entrepreneurship, Prentice-Hall, Englewood Cliffs, NJ.
- Brown, S.L., & Eisenhardt, K.M. (1995). Product development: past research, present findings, and future directions. *Academy of Management Review*, 20, 343-378.
- Bryman, A., & Bell, E. (2011). *Business Research Methods (Third Edit)*, New York: Oxford University Press.
- Bueno, E., & Ordofiez, P. (2004). Innovation and learning in the knowledge-based economy: Challenges for the firm. *International Journal of Technology Management*, 276(7), 531-533.
- Buli, B.M. (2017) Entrepreneurial orientation, market orientation and performance of SMEs in the manufacturing industry: evidence from Ethiopian enterprises. *Management Research Review*, 40(3).
- Burgelman, R.A. (1983a). Corporate Entrepreneurship and strategic management: Insights from a process study. *Management Science*, 29(12), 1349-1364.
- Burgelman, R.A. (1983b). A process model of internal corporate venturing in the diversified major firm. *Administrative Science Quarterly*, 28(2), 223-244.
- Burgelman, R.A., & Sayles, L.R. (1986). Inside corporate innovation: Strategy, Structure and managerial skills. New York: Free Press.

- Burgelman, R.A. (1984). Designs for corporate entrepreneurship. *California Management Review*, 26(2), 154-166.
- Busenitz, L.W., & Barney, J.W. (1997). Differences between entrepreneurs and managers in large organizations: Biases and heuristics in strategic decision-making. *Journal of Business Venturing*, 12(1), 9-30.
- Bygrave, W.D., Reynolds, P.D., & Autio, E. (2004). Global Entrepreneurship Monitor, 2003 Executive Report, Babson College: London.
- Byrne, B.M. (2010). Structural Equation Modelling with AMOS Basic Concepts, Applications, and Programming (Second Edi.), USA: Taylor & Francis Group.
- Calantone, R.J., Cavusgil, S.T., & Zhao, Y. (2002). Learning orientation, firm innovation capability and firm performance. *Industrial Marketing Management*, 31, 515-524.
- Carey, J.W. (1993). Linking qualitative and quantitative methods: Integrating cultural factors into public health. *Qualitative Health Research*, 3,298-318.
- Casson, M.C. & Wadeson, N. (2007). The Discovery of Opportunities: Extending the Economic Theory of the Entrepreneur. *Small Business Economics*, 28(4), 285-300.
- Cavaliere, V., Lombardi, S., & Giustiniano, L. (2015). Knowledge sharing in knowledge-intensive manufacturing firms. An empirical study of its enablers. *Journal of Knowledge Management*, 19(6), 1124-1145.
- Cavana, R.Y., Delahaye, B.L., & Sekaran, U. (2001). Applied business research: Qualitative and quantitative methods. New York, NY: John Wiley & Sons.
- Chan, I., & Chau, P.Y.K. (2005). Getting knowledge management right: Lessons from failure. *The International Journal Knowledge Management*, 1(3), 40-54.
- Chandler, G.N., Keller, C., & Lyon, D.W. (2000). Unravelling the determinants and consequences of an innovation-supportive organizational culture. *Entrepreneurship: Theory and Practice*, 25(1), 59-76.
- Chawla, D., & Joshi, H. (2010). Knowledge management practices in Indian industries a comparative study. *Journal of Knowledge Management*, 14(5), 708-725.
- Chen, C.H. (2015). Effects of shared vision and integrations on entrepreneurial performance. *Chinese Management Studies*, 9(2), 150-175.
- Chen, C.N., Tzeng, L.C., Ou, W.M., & Chang, K.T. (2007). The Relationship among Social Capital, Entrepreneurial Orientation, Organizational Resources and

- Entrepreneurial Performance for New Ventures. Contemporary Management Research, 3(3), 213-232.
- Chenuos, Kosgei, N., & Loice, M.C. (2015). Learning orientation and innovation of small and micro enterprises. *International Journal of Small Business and Entrepreneurship Research*, 3(5), 1-10.
- Chin, W.W. (2010). How to write up and report PLS analyses, in Esposito, V.V., Chin, W.W., Henseler, J. and Wang, H. (Eds). *Handbook of Partial Least Squares: Concepts, Methods and Applications in Marketing and Related Fields*, Springer, Berlin, 655-690.
 - Chinowsky, P.S., Molenaar, K., & Bastias, A. (2007). Measuring achievement of Lost in construction. *Engineering, Construction and Architectural Management*, 14(3), 215-227.
 - Chow, I. (2012). The roles of implementation and organizational culture in the HR-performance link. *International Journal of Human Resource Management*, 23(15), 3114-3132.
 - Chrisholm, A., & Nielsen, K. (2009). Social capital and the resource-based view of the firm. *International Studies of Management and Organisation*, 39(2), 7-32.
 - Churchill, N.C. (2003). "Reserch issues in entrepreneurship" în Antoncic, B & Hisrich, R, D, Clarifying the intrapreneurship concept, *Journal of Small Business & Enterprise Development*, 7-24.
 - Clark, A.M. (1998). The qualitative-quantitative debate: Moving from positivism and confrontation to post-positivism and reconciliation. *Journal of Advanced Nursing*, 27(6), 1242-1249.
 - Cohen, J. (1988). Statistical power analysis for the behavioural sciences (2nd Ed.). Hillsdale, NJ: Erlbaum.
 - Cohen, W.M., & Levinthal, D.A. (1990). Absorptive capacity: a new perspective on learning and innovation. *Administrative Science Quarterly*, 35(1), 128-152.
 - Collis, D. (1991). A resource-based analysis of global competition. *Strategic Management Journal*, 12(Special Issue), 49-68.
 - Collis, D.J., & Montgomery, C.A. (1995). Competing on resources: Strategy in the 1990s. *Harvard Business Review*, 73(4), 110-135.
 - Comez, P., & Kitapci, H. (2016). The effect of quality orientation, market orientation and learning orientation on firm innovativeness. *European Journal of Business and Social Sciences*, 4(12), 182-202.

- Companys, Y., & McMullen, J. (2007). Strategic entrepreneurs at work: the nature, discovery, and exploitation of entrepreneurial opportunities. *Small Business Economics*, 28(4), 301-322.
- Cooper, D.R., & Schindler, P.S. (2014). Business Research Methods (12th edition). USA: McGraw-Hill.
- Covin, J.G., & Lumpkin, G.T. (2011). Entrepreneurial orientation theory and research: reflections on a needed construct. *Entrepreneurship Theory and Practice*, 35(5), 855-872.
- Covin, J.G., & Miles, M.P. (1999). Corporate Entrepreneurship and Pursuit of Competitive Advantage. *Entrepreneurship: Theory & Practice*, 23(3), 47-64.
- Covin, J.G., & Slevin, D.P. (1989). Strategic management of small firms in hostile and benign environments. *Strategic Management Journal*, 10(1), 75-87.
- Covin, J.G., & Slevin, D.P. (1991). A conceptual model of entrepreneurship as firm behaviour. *Entrepreneurship: Theory and Practice*, 16(1), 7-24.
- Covin, J.G., & Slevin, D.P. (2002). The entrepreneurial imperatives of strategic leadership, in Hitt, M.A., Ireland, R.D., Camp, S.M. and Sexton, D.L. (Eds), Strategic Entrepreneurship, Creating a New Mindset, Blackwell Publishers, Oxford, 309-327.
- Covin, J.G., & Wales, W.J. (2012). The measurement of entrepreneurial orientation. Entrepreneurship Theory and Practice, 36(4), 677-702.
- Covin, J.G., Green, K.M., & Slevin, D.P. (2006). Strategic process effects on the entrepreneurial orientation-Sales growth rate relationships. *Entrepreneurship Theory and Practice*, 30(1), 57–81.
- Crant, M.J. (1996). The Proactive Personality Scale as a Predictor of Entrepreneurial Intentions. *Journal of Small Business Management*, 34(3), 42-49.
- Crispeels, T., Willems, J., & Brugman, P. (2015). The relationship between organizational characteristics and membership of a biotechnology industry board-of-directors-network. *Journal of Business & Industrial Marketing*, 30 (3/4), 312-323.
- Cronbach, L.J., & Meehl, P.E. (1955). Construct validity in psychological tests. *Psychological Bulletin*, 52(4), 281-302.
- Crossan, M., Lane, H., & White, R. (1999). An organizational learning framework: From intuition to institution. *Academy of Management Review*, 24, 522-537.
- Darroch, J. (2003). Developing a measure of knowledge management behaviours and practices. *Journal of Knowledge Management*, 7(5), 41-54.

- Daugherty, P.J., Chen, H., & Ferrin, B.G. (2011). Organizational structure and logistics service innovation. *The International Journal of Logistics Management*, 22(1), 26-51.
- Davenport, T.H., & Prusak, L. (1998). Working knowledge: How organizations manage what they know. Boston, MA: Harvard Business School Press.
- Davis, K.S. (1999). Decision criteria in the evaluation of potential inrapreneurs. Journal of Engineering & Technology Management, 295-327.
- Day, G. (1994). The capabilities of market-driven organizations. *Journal of Marketing*, 58(4), 37-52.
- Day, G., & Wensley, R. (1988). Assessing advantage: a framework for diagnosing competitive superiority. *Journal of Marketing*, 52(2), 1-20.
- Day, W.J., Holladay, C.L., Johnson, S.K., & Barron, L.G. (2014). Organizational rewards: considering employee need in allocation. *Personnel Review*, 43(1), 74-95.
- De Clercq, D., Dimov, D., & Thongpapanl, N.T. (2013). Organizational social capital, formalization, and internal knowledge sharing in entrepreneurial orientation formation. *Entrepreneurship Theory and Practice*, 37(3), 505-537.
- Demarest, M. (1997). Understanding knowledge management. Long Range Planning, 30(3), 374-384.
- Denzin, N.K., & Lincoln, Y.S. (1997). *Handbook of Qualitative Research* (2nd). Thousand Oaks, CA: Sage, 1-17.
- Department of Statistics Malaysia, (2015).
- Dess, G.G., & Lumpkin, G.T. (2005). The role of entrepreneurial orientation in stimulating effective corporate entrepreneurship. *Academy of Management Executive*, 19(1), 147-156.
- Dess, G.G., Lumpkin, G.T., & McGee, J.E. (1999). Linking corporate entrepreneurship to strategy, structure, and process: Suggested research directions. *Entrepreneurship: Theory and Practice*, 23(3), 85-102.
- Dess, T.K., & Teng, B.S. (1997). Time and entrepreneurial risk behaviour. Entrepreneurship. Theory and Practice, 22(2), 69-88.
- Dickin, K.L., Larios, F., & Parra, P.A. (2015). Cognitive interviewing to enhance comprehension and accuracy of responses to a Spanish-language nutrition program evaluation tool. *Journal of Nutrition Education and Behavior*, 47(5), 465-471.

- Dixon, N.M. (1994). The organizational learning cycle: How we can learn collectively. New York: McGraw-Hill.
- Dodd, C. (2005). Export Market Orientation and Performance. An Analysis of Australian Exporters, ANZMC Conference in Marketing in International and Cross-Cultural Environments.
- Draft, R.L., & Huber, G.P. (1987). How organizations learn: a communication Framework. Research in the Sociology of Organizations, 5, 1-36.
- Drucker, P. (1986). Innovation and Entrepreneurship, Harper and Row, New York, N.Y.
- Dymock, D., & McCarthy, C. (2006). Towards a LO? Employee perceptions. *The Learning Orientation*, 13(5), 525-37.
- Earl, M. (2001). Knowledge management strategies: Toward taxonomy. *Journal of Management Information Systems*, 18(1), 215-223.
- Easterby-Smith, M., & Lyles, M.(2003). The Blackwell handbook of organizational learning and knowledge management. Oxford: Blackwell.
- Eckhardt, J., & Shane, S. (2003). Opportunities and entrepreneurship. *Journal of Management*, 29(3), 333-349.
- Economic Census. Department of Statistics Malaysia, (2016).
- Edison, H., Nauman, A., & Torkar, R. (2013). Towards innovation measurement in the software industry. *The Journal of Systems and Software*, 86, 1390-1407.
- Ehie, I., & Muogboh, O. (2016). Analysis of manufacturing strategy in developing countries. *Journal of Manufacturing Technology Management*, 27(2), 234-260.
- Eijdenberg, E.L. (2016). Does one size fit all? A look at entrepreneurial motivation and entrepreneurial orientation in the informal economy of Tanzania. *International Journal of Entrepreneurial Behavior & Research*, 22(6), 804-834.
- Eisenhardt, K.M., & Martin, J.A. (2000). Dynamic capabilities: What are they? Strategic Management Journal, 21(10/11), 1105-1121.
- Elenurm, T. (2012). Entrepreneurial orientations of business students and entrepreneurs. *Baltic Journal of Management*, 7(2), 217-231.
- Elert, N., & Henrekson, M. (2016). Evasive entrepreneurship and institutional change, IFN Working Paper No. 1044, Research Institute of Industrial Economics, Stockholm.

- Ellinger, A.D., Ellinger, A.E., Yang, B., & Howton, S.W. (2002). The relationship between the LO concept and firm's financial performance. *Human Resource Development Quarterly*, 13(1), 5-21.
- El-Said, G.R. (2015). Understanding Knowledge Management System antecedents of performance impact: Extending the Task-technology Fit Model with intention to share knowledge construct. *Future Business Journal*, 1, 75-87.
- Fairbrothers, G.E., & Winter, T.M. (2011). From Idea to Success, The Dartmouth Entrepreneurial Network's Guide for Start-ups (pp. 4-5). New York: McGraw Hill.
- Fairoz, F.M., Hirobumi, T., & Tanaka, Y. (2010). Entrepreneurial Orientation and Business Performance of Small and Medium scale Enterprises of Hambantota District Sri Lanka. *Journal of Asian Social Science*, 6(3), 34-46.
- Falola, H.O., Osibanjo, A.O., & Ojo, S.I. (2014) effectiveness of training and development on employees' performance and organisation competitiveness in the Nigerian banking industry. *Economic Sciences*, 7(56), 161-170.
- Farjoun, M. (2010). Beyond dualism: stability and change as a duality. *Academy of Management Review*, 35(2), 202-25.
- Felix, M.E. (2015a). Entrepreneurship paradigm and economic renaissance in Africa. *African Journal of Economic and Management Studies*, 6(1), 2-16.
- Felix, M.E. (2015b). Entrepreneurship and socioeconomic development: Catalyzing African transformation in the 21st century *African Journal of Economic and Management Studies*, 6(2), 127-147.
- Feng, T., & Zhao, G. (2014). Top management support, inter-organizational relationships and external involvement. *Industrial Management & Data Systems*, 114(4), 526-549.
- Fleming, D.E., Artis, A.B., & Hawes, J.M. (2014). Technology perceptions in employees' use of self-directed learning. *Journal of Services Marketing*, 28(1), 50-59.
- Floyd, S.W., & Lane, P.J. (2000). Strategizing throughout the organization: Managing strategic renewal and strategic role conflict. *Academy of Management Review*, 25(1), 154-177.
- Flumerfelt, S., Manalang., A.B.S., & Kahlen, F.J. (2012). Are agile and lean manufacturing systems employing sustainability, complexity and organizational learning? *The Learning Organization*, 19(3), 238-247.
- FMM, (2016). FMM Directory: Malaysian Industries, 47th ed., Federation of Malaysian Manufacturers, Kuala Lumpur.

- Fornell, C., & Larcker, D.F. (1981). Evaluating structural equation models with unobservable variables and measurement error. *Journal of marketing research*, 39-50.
- Foss, K., & Foss, N.J. (2000). Theoretical isolation in contract theory: Suppressing Margins and entrepreneurship. *Journal of Economic Methodology*, 7, 313-339.
- Foss, N. (2011). Micro-foundations for the resource-based view? *Journal of Management*, 37(6), 1413-1428.
- Foss, N.J., & Ishikawa, I. (2007). Towards a Dynamic Resource-based View: Insights from Austrian Capital and Entrepreneurship Theory. *Organization Studies*, 28(5), 749-772.
- Foss, N.J., & Pedersen, T. (2002). Transferring knowledge in MNCs: The role of Sources of subsidiary knowledge and organizational context. *Journal of International Management*, 8(1), 49-67.
- Fowler, F.J. (2014). Survey research methods (5th Ed). Thousand Oaks, CA: Sage Publications.
- Fraenkel, J.R., & Wallen, N.E. (2006). How to design and evaluate research in education. New York: McGraw-Hill.
- Frank, H., Kessler, A., & Fink, M. (2010). Entrepreneurial orientation and business performance-a replication study. *Schmalenbach Business Review*, 62, 175-198.
- Free Malaysia Today (22 February 2013). Panasonic closes LCD plant in Shah Alam, 500 lose jobs. Retrieved on the 25, May, 2016 from http://www.freemalaysiatoday.com.my/
- Gambhir, D., & Sharma, S. (2015). Productivity in Indian manufacturing: evidence from the textile industry. *Journal of Economic and Administrative Sciences*, 31(2), 71-85.
- Garsia, V.J.-M., Llorens-Montes, F., & Verd À-Jover, A. (2006). Antecedents and consequences of organizational innovation and organizational learning in entrepreneurship. *Industrial Management and Data Systems*, 106(1), 21-42.
- Gartner, W.B., Bird, B.J., & Starr, J. (1992). Acting as if: Differentiating entrepreneurial from organizational behaviour. *Entrepreneurship Theory and Practice*, 16(3), 13-32.
- Geisser, S. (1975). The predictive sample reuse method with applications. *Journal of the American Statistical Association*, 70(350), 320-328.

- Gholami, M.H., Asli, M.N., Shirkouhi, S.N., & Noruzy, A. (2013). Investigating the Influence of Knowledge Management Practices on Organizational Performance: An Empirical Study. *Acta Polytechnica Hungarica*, 10(2), 206-216.
- Gieskes, J.F.B., Hyland, P.W., & Magnussion, M.G. (2002). Organisational learning barriers in distributed product development: observations from a multinational corporation. *Journal of Workplace Learning*, 14(8), 310-329.
- Ginsberg, A., & Venkatraman, N. (1985). Contingency perspective of organizational strategy: a critical review of the empirical research. *Academy of Management Review*, 10(3), 421-434.
- Gold, A.H., Malhotra, A., & Segars, A.H. (2001). Knowledge management: an organizational capabilities perspective. *Journal of Management Information Systems*, 18(1), 185-214.
- Gopal, C., & Gagnon, J. (1995). Knowledge, information, learning and the IS manager. *Computer world*, 1(5), 1-7.
- Gotz, O., Liehr-Gobbers, K., & Krafft, M. (2010). Evaluation of Structural Equation Model Using the Partial Least Squares (PLS) Approach in Esposito Vonzi, V., et al. (Eds).
- Government of Malaysia (2006), Ninth Malaysia Plan, 2006-2010, Government of Malaysia, Kuala Lumpur.
 - Government of Malaysia (2016), Eleventh Malaysia Plan, 2016-2020, Government of Malaysia, Kuala Lumpur.
 - Govindarajan, V., & Trimble, C. (2005). Building breakthrough businesses within established organizations. *Harvard Business Review*, 83(5), 58–68.
 - Grant, R.M. (1991). The Resource-Based Theory of Competitive Advantage: implications for Strategy Formulation. *California Management Review*, 33(3), 114-135.
 - Grant, R.M. (1996). Toward A Knowledge Based Theory Of The Firm. Strategic Management Journal, 17, 109-122.
 - Green, R., David, J, Dent, M., & Tyshkovsky, A. (1996). The Russian entrepreneur: a study of psychological characteristics. *International Journal of Entrepreneurial Behaviour and Research*, 2(1), 49-58.
 - Greene, C., Crumbleholme, L., & Myerson, J. (2014). Sustainable cultures. Facilities, 32(7/8), 438-454.
 - Greene, P., & Brown. T.E. (1997). Resources needs and the dynamic capitalism typology. *Journal of Business Venturing*, 12(3), 161-173.

- Gross, S., & Campbell, N. (2015). Central city vibrancy and new business venturing, Journal of Entrepreneurship and Public Policy, 4(2), 257-271.
- Guadamillas, F., Donate, M.J., & Sanchez de Pablo, J.D. (2008) Knowledge management for corporate entrepreneurship and growth: A case study. *Knowledge and Process Management*, 15(1), 32-44.
- Haase, H., Franco, M., & Félix, M. (2015). Organisational learning and intrapreneurship: evidence of interrelated concepts. *Leadership & Organization Development Journal*, 36(8), 906-926.
- Hadi, N.U., Abdullah, N., & Sentosa, I. (2016). Making Sence of Mediating Analysis: A Marketing Perspective. *Integrative Business & Economics*, 5(2), 62-76.
- Haider, S.H., Asad, M., & Fatima, M. (2017). Entrepreneurial Orientation and Business Performance of Manufacturing Sector Small and Medium Scale Enterprises of Punjab Pakistan. European Business & Management, 3(2), 21-28.
- Hair, J. F., Ringle, C.M., & Sarstedt, M. (2013). Editorial-Partial Least Squares Structural Equation Modeling: Rigorous Applications, Better Results and Higher Acceptance. *Long Range Planning*, 46(1-2), 1-12.
- Hair, J. F., Money, A., Page, M., & Samouel, P. (2007). Research Methods for Business, England: John Wiley & Sons Ltd.
- Hair, J.F., Black, W.C., Babin, B.J., & Anderson, R.E. (2010). Multivariate Data Analysis (7th Ed). Upper Saddle River, NJ, USA: Prentice-Hall.
- Hair, J.F., Hult, G.T.M., Ringle, C.M., & Sarstedt, M. (2017). A primer on Partial Least Squares Structural Equation Modelling (PLS-SEM) (2nd Ed). Thousand Oaks, CA.
- Hair, J.F., Sarstedt. M, Hopkins, L., & Kuppelwieser, V.G. (2014). Partial least squares structural equation modelling (PLS-SEM) An emerging tool in business research. *European Business Review*, 26(2), 106-121.
- Hakala, H. (2013). Entrepreneurial and learning orientation: effects on growth and profitability in the software sector. *Baltic Journal of Management*, 8(1), 102-118.
- Hall, R. (1992). The Strategic Analysis of Intangible Resources. Strategic Management Journal, 13(2), 135-144.
- Hamel, G., & Prahalad, C. (1994). Competing for the Future. Boston, MA: Harvard Business School Press.
- Hannabuss, S. (1987). Knowledge management. Library Management, 8(5), 150.

- Hansen, M.T., & Oetinger, B. (2001). Introducing T-shaped managers: knowledge management's next generation. *Harvard Business Review*, March, 107-116.
- Harrison, R.T., & Leitch, C.M. (1996). Discipline emergence in entrepreneurship: Accumulative frag mentalism or paradigmatic science? *Entrepreneurship, Innovation, and Change,* 5(2), 65-83.
- Hartnell, C.A., Lambert, L.S., Kinicki, A.J., & Fugate, M. (2016). Do Similarities or Differences Between CEO Leadership and Organizational Culture Have a More Positive Effect on Firm Performance? A Test of Competing Predictions. *Journal of Applied Psychology*, 101(6), 846-861.
- Hashimoto, M., & Nassif, V.M.J. (2014). Inhibition and Encouragement of Entrepreneurial Behavior: Antecedents Analysis from Managers' Perspectives. *Brazillian Administration Review*, 11(4), 386-406.
- Hayes, R.H., Wheelwright, S.C., & Clark, K.B. (1988), Dynamic Manufacturing: Creating the Learning Orientation, the Free Press, New York, NY.
- Hayton, J.C., & Kelley, D.J. (2006). A competency-based framework for promoting corporate entrepreneurship. *Human Resource Management*, 45(3), 407.
- Hedlund, G.A. (1994). Model of knowledge management and the N-form Corporation. *Strategic Management Journal*, 15, 73-90.
- Heimonen, T. (2012). What are the factors that affect innovation in growing SMEs? European Journal of Innovation Management, 15(1), 122-144.
- Helm, S., Eggert, A., & Garnefeld, I. (2009). Modelling the impact of corporate reputation on customer satisfaction and loyalty using PLS in Esposito, V.V., Chin, W.W., Henseler, J. and Wang, H. (Eds), *Handbook of Partial Least Squares: concepts, Methods, and Applications*, Springer, Berlin.
- Henderson, J. (2002). Building the Rural Economy with High-Growth Entrepreneurs. Federal Reserve Bank of Kansas City, *Economic Review*, 3rd quarter, 45-70.
- Henseler, J., & Sarstedt, M. (2013). Goodness-of-fit indices for partial least squares path modelling. *Computational Statistics*, 28(2), 565-580.
- Henseler, J., Hubona, G.S., & Pauline, A.R. (2016). Using PLS path modeling in new technology research: updated guidelines. *Industrial Management & Data Systems*, 116(1), 2-20.
- Henseler, J., Ringle, C.M., & Sinkovics, R.R. (2009). The use of partial least squares path modeling in international marketing. *Advances in international marketing*, 20, 277-319.

- Henseler, J., Ringle, C.M., & Sarstedt, M. (2015). A new Criterion for assessing Discriminant Validity in Variance based Structural Equation Modelling. Journal of the Academy of Marketing Science, 43(1), 115-135.
- Hill, J., Nancarrow, C., & Wright, L.T. (2002). Lifecycles and crisis point in SMEs: a case approach. *Marketing Intelligence & Planning*, 20(6), 361-369.
- Hindle, K. (2004). A practical strategy for discovering, evaluating, and exploiting entrepreneurial opportunities: research-based action guidelines. *Journal of Small Business and Entrepreneurship*, 17, 267-276.
 - Hinterhuber, A. (2013). Can competitive advantage be predicted? Towards a predictive definition of competitive advantage in the resource-based view of the firm *Management Decision*, 51(4), 795-812.
 - Hitt, M.A., Ireland, R.D., Camp, S.M., & Sexton, D.L. (2001). Strategic entrepreneurship: Entrepreneurial strategies for wealth creation. *Strategic Management Journal*, 22(6/7), 479-491
 - Hlupic, V., Pouloudi, A., & Rzevski, G. (2002). Towards an Integrated Approach to Knowledge Management: 'Hard', 'Soft' and 'Abstract' Issues. *The Journal of Corporate Transformation*, 9(0), 1-14.
 - Hofstede, G. (2005). Cultures and Organisations: Software of the Mind, McGraw-Hill, New York, NY.
 - Holsapple, C.W., & Joshi, K.D. (1999). Description and analysis of existing knowledge management frameworks. Proceedings of the 32nd Hawaii International Conference on System Sciences.
 - Holt, D.T., Rutherford, M.W., & Clohessy, G.R. (2007). Corporate entrepreneurship: An empirical look at individual characteristics, context, and process. *Journal of Leadership & Organizational Studies*, 13(4), 40-54.
- Holton, E.H., & Burnett, M.B. (1997). Qualitative research methods. In R. A. Swanson, & E.F. Holton (Eds.), Human resource development research handbook: Linking research and practice. San Francisco: Berrett Koehler Publishers.
- Honig, B. (2001). Learning strategies and resources for entrepreneurs and Intrapreneurs. *Entrepreneurship Theory and Practice*, 26(1), 21-35.
- Hornsby, J.S., Kuratko, D.F., & Montagno, R.V. (1999). Perceptions of internal factors for corporate entrepreneurship: A comparison of Canadian and U.S. Managers. *Entrepreneurship: Theory and Practice*, 24(2), 9-24.
- Hornsby, J.S., Kuratko, D.F., & Zahra, S.A. (2002). Middle managers' perception of the internal environment for corporate entrepreneurship: Assessing a measurement scale. *Journal of Business Venturing*, 17(3), 253-273.

- Hornsby, J.S., Kuratko, D.F., Holt, D.T., & Wales, W.J. (2013). Assessing a Measurement of Organizational Preparedness for Corporate Entrepreneurship. *Product Development & Management Association*, 30(5), 937-955.
- Hornsby, J.S., Kuratko, D.F., Shepherd, D.A., & Bott, J.P. (2009). Managers' corporate entrepreneurial actions: Examining perception and position. *Journal of Business Venturing*, 24(3), 236-247.
- Hornsby, J.S., Naffziger, D.W., Kuratko, D.F., & Montagno. R.V. (1993). An interactive model of the corporate entrepreneurship process. *Entrepreneurship Theory and Practice*, 17(2), 29-37.
- Hosseini, M., Dadfar, H., & Brege, S. (2012). Taxonomy of entrepreneurial firms: entrepreneurial orientation versus corporate entrepreneurship. *The Business & Management Review*, 3(1), 240-251.
- Huang, Y.C., & Wang, Y.L. (2011) Entrepreneurial orientation, learning orientation, and innovation in small and medium enterprises. *Procedia-Sosial and Behavioral Science*, 24, 563-570.
- Huang, Y.C., & Wu, J.Y.C. (2010).Intellectual capital and knowledge productivity: the Taiwan biotech industry. *Management Decision*, 48(4), 580-599.
- Hughes, M., & Morgan, R.E. (2007). Deconstructing the relationship between entrepreneurial orientation and business performance at the embryonic stage of firm growth. *Industrial Marketing Management*, 36, 651–661.
- Hull, F.M., & Hage, J. (1982). Organizing for Innovation: Beyond the Burns and Stalker's Organic Type. *Sociology*, 16(4), 564-577.
- Hulland, J. (1999). Use of partial least squares (PLS) in strategic management research: a review of four recent studies. *Strategic management journal*, 20 (2), 195-204.
- Hunt, S.D., & Morgan, R.M. (1995). The Comparative Advantages Theory of Competition. *Journal of Marketing*, 59, 1-15.
- Hyland, P., Mellor, R., Sloan, T., & O'Mara, E. (2000). Learning strategies and CI: lessons from several small to medium Australian manufacturers. *Integrated Manufacturing Systems*, 11(6), 428-436.
- Ibragimova, B., Ryan, S.D, Windsor, J.C., & Prybutok, V.R. (2012). Understanding the Antecedents of Knowledge Sharing: An Organizational Justice Perspective. *The International Journal of an Emerging Transdiscipline*, 15, 183-205.

- Ichijo, K., Krogh, G., & Nonaka, I. (1998). Knowledge enablers. In G. Krogh, J. Roos, and D. Kleine (eds.), Knowing in Firms. Thousand Oaks, CA: Sage Publications, 173-203.
- Inan, G., & Bititci, U. (2015). Understanding organizational capabilities and dynamic capabilities in the context of micro enterprises: a research agenda. Leadership, Technology, Innovation and Business Management, 210, 310-319.
- Ipe, M. (2003). Knowledge Sharing in Organizations: A Conceptual Framework. Human Resource Development Review, 2, 337.
- Ireland, R.D., & Webb, J.W. (2007). Strategic entrepreneurship: Creating competitive advantage through streams of innovation. *Business Horizons*, 50(1), 49-59.
- Ireland, R.D., Covin, J.G., & Kuratko, D.F. (2009). Conceptualizing corporate entrepreneurship strategy. *Entrepreneurship Theory and Practice*, 33(1), 19-46.
- Ireland, R.D., Hitt, M.A., & Vaidyanath, D. (2002). Alliance Management as a Source of Competitive Advantage. *Journal of Management*, 28(3), 413-446.
- Islam, T., Ahmed, I., & Ahmad, U.N.U. (2015). The influence of organizational learning culture and perceived organizational support on employees' affective commitment and turnover intention. *Nankai Business Review International*, 6(4), 417-431.
- Islam, T., Khan, S., Aamir, M., Ahmad, U.N.U., Ali, G., Ahmad, I., & Bowra, Z.A. (2013). Turnover intentions: The influences of perceived organizational support and organizational commitment. *Procedia Social and Behavioral Sciences*, 103, 1238-1242.
- Istocescu, A. (2006). Intreprenoriat și intraprenoriat în România, Editura ASE, 67-85.
- Jalali, A., Jaafar, M., & Ramayah, T. (2014). Entrepreneurial orientation and performance: the interaction effect of customer capital. World Journal of Entrepreneurship, Management and Sustainable Development, 10(1), 48-68.
- James, A., Wolff, T. L., Pett, J., & Kirk, R. (2015). Small firm growth as a function of both learning orientation and entrepreneurial orientation. *International Journal of Entrepreneurial Behaviour & Research*, 21(5), 709-730.
- Jandaghi, G., Irani, H.R., Jandaghi, E., Mousavi, Z.S., & Davoodavabi, M. (2014).
 Ranking the knowledge management enablers based on University Academic Members, Staff and Students using AHP Method. *International Letters of Social and Humanistic Sciences*, 26, 7-13.

- Janney, J.J., & Dess, G.G. (2006). The risk concept for entrepreneurs reconsidered: New challenges to the conventional wisdom. *Journal of Business Venturing*, 21(3), 385-400.
- Janssen, O. (2000). Job demands, perceptions of effort-reward fairness and innovative work behaviour. *Journal of Occupational and Organizational Psychology*, 73(3), 287-302.
- Janssen, O. (2005). The joint impact of perceived influence and supervisor supportiveness on employee innovative behaviour. *Journal of Occupational and Organizational Psychology*, 78(4), 573-579.
- Jeevan, J., & Dev, M. (2015). The impact of transformational leadership on employee creativity: the role of learning orientation. *Journal of Asia Business Studies*, 9(1), 78-98.
- Jiang, Z. (2009). Total reward strategy: a human resource management strategy going with the trends of time. *International Journal of Business and Management*, 4(11), 177-183.
- Jiao, Y.Y., Du, J., Jiao, R.J., & Butler, D.L. (2008). Operational implications of early supplier involvement in semiconductor manufacturing firms: a case study. *Journal of Manufacturing Technology Management*, 19(8), 913-932.
- Jobe, J.B., & Mingay, D.J. (1991). Cognition and survey measurement: History and overview. *Applied Cognitive Psychology*, 5(3), 175-192.
- Jogaratnam, G., & Ching, Y. T. (2006). Entrepreneurial orientation and the structuring of organizations. *International Journal of Contemporary Hospitality Management*, 18(6), 454-468.
- Johanson, G.A., & Brooks, G.P. (2010). Initial scale development: sample size for pilot studies. *Educational and Psychological Measurement*, 70(3), 394-400.
- Johnson, B., & Christensen, L. (2014). Educational Research: Quantitative, Qualitative, and Mixed Approaches (5th edition). Thousand Oaks, CA: Sage.
- Jones, G., George, J., & Hill, C. (2003). Contemporary Management, McGraw-Hill, New York, NY.
- Jones, R., & Rowley, J. (2011). Entrepreneurial marketing in small businesses: A conceptual exploration. *International Small Business Journal*, 29(1), 25-36.
- Jong, J.D., & Hartog, D.D. (2010). Measuring Innovative Work Behaviour. Creativity and Innovation Management, 19(1), 23–36.
- Kanter, R.M. (2004). The middle manager as innovator. *Harvard Business Review*, 82(7/8), 150-161.

- Kaplan, L.S. (2007). Business strategy, people strategy and total rewards. *International Foundation of Employee Benefits*, 44(9), 13-19.
- Karpacz, A.W. (2016). The Researchers' Proposal: What Is The Entrepreneurial Oriantation? *Management, Knowledge and Learning*, Joint International Conference.
- Kerlinger, F.N. (1973). Foundations of Behavioural Research. Second Edition. New York: Holt, Rinehart and Winston.
- Khadra, M.F.A., & Rawabdeh, I.A. (2006). Assessment of development of the LO concept in Jordanian industrial companies. *The Learning Orientation*, 13(5), 455-474.
- Khalid, K., Hilman, H., & Kumar, K.M. (2012). Get along with quantitative research process. *International Journal of Research in Management*, 2(2), 15-29.
- King, W. (1999). Integrating Knowledge Management Into IS Strategy. *Information Systems Management*, 16(4), 70-72.
- Klanac, N.G. (2013). An Integrated Approach to Customer Value: A Comprehensive-Practical Approach. *Journal of Business Marketing Management*, 1, 22-37.
- Knight, G.A. (1997). Cross-cultural reliability and validity of a scale to measure firm entrepreneurial orientation. *Journal of Business Venturing*, 12(3), 213-225.
- Knol, J., & Van Linge, R. (2008). Innovative behaviour: the effect of structural and psychological empowerment on nurses. *Journal of Advanced Nursing*, 65 (2), 359-370.
- Kohli, A.K., & Jaworski, B. (1990). Market orientation: the construct, research, propositions, and managerial implications. *Journal of Marketing*, 54 (April), 1-18.
- Kohtamaki, M., Kraus, S., Markus, M., & Mikko, R. (2012). The role of personnel commitment to strategy implementation and organisational learning within the relationship between strategic planning and company performance. *International Journal of Entrepreneurial Behavior & Research*, 18(2), 159-178.
- Kor, Y.Y., Mahoney, J.T., & Michael, S.C. (2007). Resources, capabilities, and entrepreneurial perceptions. *Journal of Management Studies*, 44(7), 1187-1212.
- Kraus, S., & Kauranen, I. (2009). Strategic management and entrepreneurship: Friends or foes? *International Journal of 'Business Science and Applied Management*, 4(1), 37-50.

- Kreiser, P.M., Marino, L.D., & Weaver, K.M. (2002). Assessing the psychometric properties of the entrepreneurial orientation scale: a muti-country analysis. *Entrepreneurship:Theory und Practice*, 26(4), 71-92.
- Krejcie, R.V., & Morgan, D.W. (1970). Determining Sample Size for Research Activities. *Educational and Psychological Measurement*, 38, 607-610.
- Kropp, F., & Zolin, R. (2005). Technological entrepreneurship and small business innovation research programs. *Academy of Marketing Sciences Review*, (7), available: http://www.amsreview.or~/articles/kropp07-2005.
- Kumar, R. (2011). Research Methodology: Quantitative Research (3rd ed), London: SAGE Publications.
- Kuratko, D.F. (2007). Corporate entrepreneurship. Foundations and Trends in Entrepreneurship, 3(2), 151-203.
- Kuratko, D.F. (2009). The entrepreneurial imperative of the 21st century. *Business Horizons*, 52(5), 421-428.
- Kuratko, D.F., & Hodgetts, R.M. (2004). Entrepreneurship: Theory, Process. Practice (Mason, OH; South-Western Publishers).
- Kuratko, D.F., & Hogertts, R.M. (1998). Entrepreneurship: A contemporary Approach. Chicago; The Dryden Press, 165-183.
- Kuratko, D.F., & Morris, M.H. (2013). Entrepreneurship and leadership. Cheltenham: Edward Elgar.

- Kuratko, D.F., Hornsby, J.S., & Hayton, J. (2015). Corporate entrepreneurship: the innovative challenge for a new global economic reality. Small Bus Econ, 45, 245-253.
- Kuratko, D.F., Hornsby, J.S., Naffziger, D.W., & Montagno, R.V. (1993). Implementing entrepreneurial thinking in established organizations. *Advanced Management Journal*, 58(1), 28-39.
- Kuratko, D.F., Ireland, R.D., & Hornsby, J.S. (2001). Improving firm performance through entrepreneurial actions: Acordia's corporate entrepreneurship strategy. *Academy of Management Executive*, 15(4), 60-71.
- Kuratko, D.F., Ireland, R.D., Covin, J.G., & Hornsby, J.S. (2005). A model of middle level managers' entrepreneurial behaviour. *Entrepreneurship Theory and Practice*, 29(6), 699-716.
- Kuratko, D.F., Montagno, R.V., & Hornsby, J.S. (1990). Developing an Intrapreneurial Assessment Instrument for Effective Corporate Entrepreneurial Environment. *Strategic Management Journal*, 11(5), 49-58.

- Kwong, K., & Wong, K. (2013). Partial Least Squares Structural Equation Modeling (PLS-SEM) Techniques Using SmartPLS. Marketing Bulletin, 24, Technical Note 1.
- Laforet, S., & Tann, J. (2006). Innovative characteristics of small manufacturing firms. *Journal of Small Business and Enterprise Development*, 13(3), 363-80.
- Lancaster, G.A., Dodd, S., & Williamson, P.R. (2004). Design and analysis of pilot studies: recommendations for good practice. *Journal of Evaluation Clinical Practice*, 10(2), 307-312.
- Latan, H., & Ghozali, I. (2012). Partial Least Square, Konsep, Teknik dan Aplikasi Untuk Penelitian Empiris, Semarang: Badan Penerbit Universitas Diponegoro.
- Latan, H., & Ramli, N.A. (2013). The Results of Partial Least Squares-Structural Equation Modelling Analyses (PLS-SEM). *SSRN Electronic Journal*. DOI:10.2139/ssrn.2364191.
- Laupase, R. (2003). The process of converting consultants tacit knowledge to organizational explicit knowledge: Case studies in management consulting firms. London, IRM Press.
- Laursen, K., & Salter, A. (2006). Open for innovation: the role of openness in explaining innovation performance among UK manufacturing firms. Strategic Management Journal, 27(2), 131-150.
- Law, K.S., Wong, C., & Mobley, W.H., (1998). Toward a taxonomy of multidimensional constructs. Academy of Management Review, 23 (4), 741-755.
- Lee, H., & Choi, B. (2003). Knowledge management enablers, processes, and organizational performance: an integrative view and empirical examination. *Journal of Management Information System*, 20(1), 179-228.
- Lee, S.H., & Lim, T.M, (2015). A study on the perception of POKM as the organizational knowledge sharing enabler. *VINE*, 45(2), 292-318.
- Lee, C., Lee, K., & Pennings, J.M. (2001). Internal Capabilities, External Networks, and Performance: A study on Technology-Based Ventures. Strategy Management Journal. 22, 615-640.
- Lei, D., Hitt, M.A., & Bettis, R. (1996). Dynamic core competencies through meta-learning and strategic context. *Journal of Management*, 22(4), 549-569.
- Leonard, D., & Sensiper, S. (1998). The role of tacit knowledge in group innovation. *California Management Review*, 40(3), 112-132.

- Leonard-Barton, D. (1992). The factory as a learning laboratory. *Sloan Management Review*, 34(1), 23-38.
- Leonard-Barton, D. (1995). Wellsprings of Knowledge: Building and Sustaining the Sources of Innovation. Boston: Harvard Business School Press.
- Leonardi, P.M. (2014). Social media, knowledge sharing, and innovation: Toward a theory of communication visibility. *Information systems research*, 25(4), 796-816.
- Levent, A., & Wang, C.L. (2011). The influence of an entrepreneur's socio-cultural characteristics on the entrepreneurial orientation of small firms. *Journal of Small Business and Enterprise Development*, 18(4), 673-694.
- Levinthal, D.A., & March, J.G. (1993). The myopia of learning. Strategic Management Journal, 14, 95-112.
- Lewis, T.L., & Loker, S. (2014). Technology usage intent among apparel retail employees. *International Journal of Retail & Distribution Management*, 42(5), 422-440.
- Li, W.W., & Lin, J.R. (2013). Knowledge sharing and knowledge effectiveness: learning orientation and co-production in the contingency model of tacit knowledge. *Journal of Business & Industrial Marketing*, 28(8), 672-686.
- Liang, T.P., You, J.J., & Liu, C.C. (2010). A resource-based perspective on information technology and firm performance: a meta-analysis. *Industrial Management & Data Systems*, 110(8), 1138-1158.
- Liao, S.H., Wu, C.F., & Chih, C.C. (2007). Knowledge sharing, absorptive capacity and innovation capability: an empirical study of Taiwan's knowledge intensive industries. *Journal of Information Science*, 33, 1-20.
- Liebeskind, J.P. (1996). Knowledge, strategy, and the theory of the firm. *Strategic Management Journal*, 17, 93-107.
- Lin, H.F. (2007). Knowledge Sharing and Firm Innovation Capability: an Empirical Study. *International Journal of Manpower*, 28, 315-332.
- Lind, D.A., Marchal, W.G., & Wathen, S.A. (2015). *Statistical Techniques in Business & Economics* (16th edition). USA: McGraw-Hill.
- Locket, A., Thompson, S., & Morgenstern, U. (2009). The development of the resource based view of the firm: A critical appraisal. *International Journal of Management Reviews*, 11(1), 9-28.
- Lowhorn, G.L. (2007). Qualitative and Quantitative Research: How to Choose the Best Design. Presented at Academic Business World International Conference. Nashville, Tennessee.

- Lumpkin, G.T., & Dess, G.G. (1996). Clarifying the entrepreneurial orientation construct and linking it to performance. *Academic of Management Executive*, 19(1), 147-156.
- Lumpkin, G.T., & Dess, G.G. (1997). Pro-activeness versus competitive aggressiveness: Teasing apart key dimensions of an entrepreneurial orientation. *Frontiers of Entrepreneurship Research*, pp. 47-58. Babson Park, MA: Babson College.
- Lumpkin, G.T., & Dess, G.G. (2001). Linking two dimensions of entrepreneurial orientation to firm performance: The moderating role of environment and industry life cycle. *Journal of Business Venturing*, 16(5), 429-451.
- MacKinnon, D., & Fairchild, A. (2010). Current Directions in Mediation Analysis. Current Psychological Science, 18(1), 16-20.
- MacMillan, I.C. (1986). Progress in research on corporate venturing. In The art and science of entrepreneurship, ed. D.L. Sexton and R.W. Smilor, 241-263. Cambridge, MA: Ballinger.
- Madhavan, R., & Grover, R. (1998). From embedded knowledge to embodied knowledge: new product development as knowledge management. *Journal of Marketing*, 62(4), 1-12.
- Madjar, N., Greenberg, E., & Zheng, C. (2011). Factors for radical creativity, incremental creativity, and routine, noncreative performance. *Journal of Applied Psychology*, 96, 730-743.
- Madsen, E.L. (2007). The significance of sustained entrepreneurial orientation on performance of firms A longitudinal analysis. *Entrepreneurship & Regional Development*, 19(2), 185-204.
- Magnier-Watanabe, R., & Senoo, D. (2008). Organisational characteristics as prescriptive factors of knowledge management initiatives. *Journal of Knowledge Management*, 12(1), 21-36.
- Mahmood, R., & Hanafi, N. (2013). Entrepreneurial Orientation and Business Performance of Women-Owned Smal and Medium Enterprises in Malaysia: Competitive Advantages as Mediator. *International Journal of Business and Social Science*, 4(1), 82-90.
- Mahmoud, M.A., & Yusif, B. (2012). Market orientation, learning orientation, and the performance of nonprofit organizations (NPOs). *International Journal of Productivity and Performance Management*, 61(6), 624-652.
- Mahoney, J.T. (1995). The management of resources and the resource of management. *Journal of Business Research*, 33, 91-101.

- Maier, V., & Pop Zenovia, C. (2011). Entrepreneurship versus Intrapreneurship. Review of International Comparative Management, 12(5), 971-976.
- Malaysian Investment Development Authority electric and electronic 2015.
- Malaysian Investment Development Authority- Industry news. *Capacity expansion*. *Top Glove sets aside RM200mil to increase production*. (7 January 2016).
- Malaysian Investment Development Authority- Media release, *Malaysian contact manufacturer SKP expand its production facility to meet client demands.* (15 September 2015).
- Malhotra, A., & Majchrzak, A. (2004). Enabling knowledge creation in far flung teams: best practices for it support and knowledge sharing. *Journal of Knowledge Management*, 8(4), 75-88.
- Malhotra, N.K. (2004). Marketing Research: An Applied Orientation. 4th Edition. Pearson Education, Inc., New Jersey. ISBN: 0-13-0337 16-1, 864.
- March, J. (1991). Exploration and exploitation in organizational learning. *Organization Science*, 2(1), 71-87.
- March, J.G., & Sutton, R.I. (1997). Organizational performance as a dependent variable. *Organization Science*, 8(6), 698-709.
- Marinova, D. (2004). Actualizing innovation effort: the impact of market knowledge diffusion in a dynamic system of competition. *Journal of Marketing*, 66 (3), 1-20.
- Market Watch (27 July 2015). STR Holdings, Inc. Reports Plan to Close Its Malaysia Facility. Retrieved on the 12, July, 2016 from http://www.MarketWatch.com/

- Masrek, M.N., Abdul Karim, N.S., & Hussein, R. (2008). The effect of organizational and individual characteristics on corporate intranet utilizations. *Information Management & Computer Security*, 16(2), 89-112.
- Massingham, P. (2014a). An evaluation of knowledge management tools: Part 1 managing knowledge resources. *Journal of Knowledge Management*, 18(6), 1075-1100.
- Massingham, P. (2014b). An evaluation of knowledge management tools: Part 2 managing knowledge flows and enablers. *Journal of Knowledge Management*, 18(6), 1101-1126.
- Massingham, P.R., & Tam, L. (2015). The relationship between human capital, value creation and employee reward. *Journal of Intellectual Capital*, 16(2), 390-418.

- Matin, E.K., Nakhchian, A., & Kashani, B.H. (2013). Effect of Employees' Entrepreneurial Orientations on Knowledge Management in Small and Medium Enterprises in Iran. *Journal of Basic and Applied Scientific Research*, 3(3), 608-617.
- McIvor, R., & Humphreys, P. (2004). Early supplier involvement in the design process: lessons from the electronics industry. *Omega*, 32(3), 179-199.
- McIvor, R., Humphreys, P., & Cadden, T. (2006). Supplier involvement in product development in the electronics industry: a case study. *Journal of Engineering and Technology Management*, 23(4), 374-397.
- McMullen, J., & Shepherd, D.A. (2006). Entrepreneurial action and the role of uncertainty in the theory of the entrepreneur. *Academy of Management Review*, 31(1), 132-152.
- Melton, H.L., & Hartline, M.D. (2012). Employee Collaboration, Learning Orientation, and New Service Development Performance. *Journal of Service Research*, 16(1), 67-81.
- Men, L.R., & Stacks, D.W. (2013). The impact of leadership style and employee empowerment on perceived organizational reputation. *Journal of Communication Management*, 17(2), 171-192.
- Messner, W. (2013). Effect of organizational culture on employee commitment in the Indian IT services sourcing industry. *Journal of Indian Business Research*, 5(2), 76-100.
- Mikkelsen, A., Ogaard, T., Lindoe, P.H., & Olsen, O.E. (2002). Job characteristics and computer anxiety in the production industry. *Computers in Human Behavior*, 18(3), 223-39.
- Miles, M.P., & Arnold, D.R. (1991). The relationship between marketing orientationand entrepreneurial orientation. *Entrepreneurship: Theory and Practice*, 15(4), 49-65.
- Miles, R.E., & Snow, C.C. (1978). Organizational Strategy, Structure and Process. New York: McGraw-Hill.
- Miller, D. (2011). Miller (1983) Revisited: A Reflection on EO Research and Some Suggestions for the Future. *Entrepreneurship Theory and Practice*. 35(5), 873-894.
- Miller, D. (1983). The correlates of entrepreneurship in three types of firms. Management Science, 29(7), 770-791.
- Miller, D., & Friesen, P.H. (1978). Archetypes of strategy formulation. *Management Science*, 24(9), 921-933.

- Miller, D., & Shamsie, J. (1996). The Resources-Based View of The firm in two environments: the Hollywood film studios from 1936 to 1965. *Academy of Management Journal*, 39(3), 519-543.
- Miller, D., & Toulouse, J.M. (1986). Chief executive Personality and corporate strategy and structure in small firms. *Management Science*, 32(11), 1389-1409.
- Ministry of International Trade and Industry. (2015).
- Mintzberg, H. (1973). Strategy-making in three modes. *California Management Review*, 16(2), 44-53.
- Mintzberg, H., Raisinghani, D., & Theoret, A. (1976). The structure of "unstructured" decision processes. *Administrative Science Quarterly*, 21, 246-275.
- Miron, W., & Hudson, D. (2014). Enabling Employee Entrepreneurship in Large Technology Firms. *Technology Innovation Management Review*, 23-32.
- Mohammad Reza, R., & Amir Hossein, Q.F. (2013). The Study of the Factors Affecting Corporate Entrepreneurship Nurturing in Hamedan University of Technology. *Journal of Basic Applied Science Research*, 3(3), 993-998.
- Moingeon, B., & Edmundson, A. (Eds) (1996), Organizational Learning and Competitive Advantage, Sage Publications, Thousand Oaks, CA.
- Mom, T.J.M., Bosch, F.A.J. van den, & Volberda, H.W. (2007). Investigating managers' exploration and exploitation activities: The influence of top-down, bottom-up, and horizontal knowledge inflows. *Journal of Management Studies*, 44(6), 910-931.
- Monette, D.R., Sullivan, T.J., & DeJong, C.R. (2002). Applied Social Research. Orlando, FLA: Harcourt Press.
- Monsen, E., & Boss, W. (2009). The Impact of Strategic Entrepreneurship inside the Organization: Examining Job Stress and Employee Retention. *Entrepreneurship Theory and Practice*, 33(1), 71-104.
- Moreno, A.M., & Cassilass, J.C. (2008). Entrepreneurial Orientation and Growth of SMEs: A Causal Model. *Entrepreneurship: Theory and Practice*, 32(3), 507-528.
- Morgan, G. (1986). Images of Organization, Sage Publications, Beverly Hills.
- Moriano, J., Molero, F., Topa, G., & Lévy Mangin, J.P. (2011). The influence of transformational leadership and organizational identification on intrapreneurship. *International Entrepreneurship and Management Journal*, 1-17.

- Morris, M.H., & Kuratko, D.E. (2002). Corporate Entrepreneurship. Harcourt College Publishers: Orlando. Florida.
- Morris, M.H., & Paul, G.W. (1987). The relationship between entrepreneurship and marketing in established firms. *Journal of Business Venturing*, 2(3), 247-259.
- Morris, M.H., Coombes, S., Schindehutte, M., & Allen, J. (2007). Antecendents and Outcomes of Entrepreneurial and Market Orientations in a Non-profit Context: Theoretical and empirical *Insights, Journal of Leadership & Organizational Studies*, 13(4), 12-39.
- Morris, M.H., Kuratko D.F., & Covin J.G. (2008). Corporate Entrepreneurship & Innovation. 2nd Ed. USA: Thomson South Western.
- Morris, M.H., Kuratko, D.F., & Covin, J.G. (2011). Corporate entrepreneurship & innovation (3rd Ed.). Mason, OH: Southwestern Cengage.
- Mosakowski, E. (2002). Overcoming resource disadvantages in Entrepreneurial firms: When less is more, Oxford: Blackwell Publishing.
- Munizzo, M.A., & Musial, L.V. (2009). General Market Analysis and Highest and Best Use. Cengage Learning, Inc.
- Murnieks, C.Y., Mosakowski, E., & Cardon, M.S. (2014). Pathways of passion: identity centrality, passion, and behavior among entrepreneurs. *Journal of management*, 40(6), 1583-1606.
- Myres, M.D. (2008). Qualitative Research in Business and Management. Thousand Oaks: Sage Publications.
- Naman, J.L., & Slevin, D.P. (1993). Entrepreneurship and the concept of fit: A model and empirical tests. *Strategic Management Journal*, 14(2), 137-153.
- Narayanamma, L., & Lalitha, K. (2016). Balanced Scorecard The Learning & Growth Perspective. *A Peer Reviewed Research Journal*, 21(2), 59-66.
- Neely, A., & Hii, J. (1998). *Innovation and Business Performance: A literature Review*. The Judge of Management Studies, University of Cambridge, 15th January.
- Neuman, W.L. (2014). Social Research Methods: Qualitative and Quantitative Approaches. 7th Ed. Boston: Allyn and Bacon.
- Newbert, S. (2007). Empirical Research on the Resource-Based View of the Firm: An Assessment and Suggestions for Future Research. Strategic management *Journal*, 28(2), 121-146.

- News Straits Times Online (15 July 2016). Over 3000 jobs cuts likely as Seagate, Western Digital leave Penang. Retrieved on the 18, July, 2016 from http://www.nstp.com.my/
- News Straits Times. Business Times (24 October 2015). More can be done for manufacturing.
- Ngo, H.Y., & Lau, C.M. (2004). The HR system, organizational culture, and product innovation. *International Business Review*, 13, 685-703.
- Ngoc, P.T.B. (2005). An Empirical Study of Knowledge Transfer within Knowledge-intensive Firms in Vietnam. Proceeding of the Third International Conference on Management Education for 21st Century-Management for the Knowledge Society, Hochiminh City, Vietnam on Sept., 8th-9th, 2005.
- Nickerson, J.A., & Zenger, T.R. (2004). A knowledge-based theory of the firm the problem-solving perspective. *Organization Science*, 15, 617-632.
- Nieman, G.H., Hough, J., & Nieuwenhuizen, C. (2003). Entrepreneurship: A South African Perspective. Van Schaik Publishers: Pretoria.
- Nikabadi, M.S., Dehghan, M., & Arani, M.F. (2015). The Effect of Knowledge Management Strategies on Performance of New Product Development in Knowledge-Based Companies. *Indian Journal of Science and Technology*, 8(S7), 263-277.
- Nitzl, C., Roldan, J.L., & Cepeda, G. (2016). Mediation analysis in partial least squares path modeling helping researchers discuss more sophisticated models. *Industrial Management & Data Systems*, 116(9), 1849-1864.
- Nonaka, I. (1991). The knowledge-creating company. *Harvard Business Review*, 96(6), 96-104.
- Nonaka, I., & Takeuchi, H. (1995). The knowledge-creating company: How Japanese companies create the dynamics of innovation. New York, NY: Oxford University Press.
- Normah, M.A. (2006). SMEs: building blocks for economic growth. Paper presented at the National Statistics Conference, National Statistics Departments, Kuala Lumpur, 4-5 September.
- Nunnally, J.C., & Bernstein, I.H. (1994). Psychometric Theory, McGrawHill, New York, NY.
- Nybakk, E. (2012). Learning orientation, innovativeness and financial performance in traditional manufacturing firms: a higher-order structural equation model. International *Journal of Innovation Management*, 16(5), 28

- O'Dell, C., & Grayson, J. (1999). Knowledge transfer: discover your value proposition. *Strategy & Leadership*, 27(2), 10-15.
- Oksenberg, L., Cannell, C.F., & Kalton, G. (1991). New strategies for pretesting survey questions. *Journal of Official Statistics*, 7(3), 349-365.
- Osborne, J.W. (2010). Improving your data transformations: Applying the Box-Cox transformation. *Practical Assessment, Research & Evaluation*, 15(12), 1-9.
- Osman, Rashid, Ahmad, & Hussain. (2011). Market orientation- A missing link to successful women entrepreneurship in developing countries: A conspectus of literature. *International Journal of Academic Research*, 3(4), 232-236.
- Otieno, S., Bwisa, H.M., & Kihoro, J.M. (2012). Influence of Entrepreneurial Orientation on Kenya's Manufacturing Firms Operating under East African Regional Integration. *International Journal of Learning & Development*, 2(1), 219-319.
- Oyewobi, L.O., Windapo, A.O., Rotimi, J.O.B., & Jimoh, R.A. (2016). Relationship between competitive strategy and construction organisation performance the moderating role of organisational characteristics. *Management Decision*, 54(9), 2340-2366.
- Ozdemirci, A., & Behram, N.K. (2014). Linking Human Resources Practices to Corporate Entrepreneurship: The Mediating Role of Perceived Organizational Support. *Business Management and Strategy*, 5(1), 1-21.
- Palacios-Marqués, D., Soto-Acosta, P., & Merigó, J.M. (2015). Analyzing the effects of technological, organizational and competition factors on Web knowledge exchange in SMEs. *Telematics and Informatics*, 32(1), 23-32.
- Pan, S., & Scarbrough, H. (1998). A socio-technical view of knowledge-sharing at Buckman laboratories. *Journal of Knowledge Management*, 2(1), 55-66.
- Parida, P.C., & Pradhan, K.C. (2016). Productivity and efficiency of labour intensive manufacturing industries in India: An empirical analysis. *International Journal of Development Issues*, 15(2), 130-152.
- Park, K. (2006). A review of the knowledge management model based on an empirical survey of Korean experts. Unpublished doctoral dissertation, University of Kyushu, Korea.
- Pavitt, K. (1991). Key Characteristics of the Large Innovation firm. *British Journal of Management*, 2(1), 41-50.
- Pearce, C.L., & Ensley, M.D. (2004). A reciprocal and longitudinal investigation of the innovation process: the central role of shared vision in product and

- process innovation teams (PPITs). Journal of Organizational Behaviour, 25, 259-78.
- Pearce, J.A., Kramer, T.R., & Robbins, D.K. (1997). Effects of managers' entrepreneurial behaviour on subordinates. *Journal of Business Venturing*, 12 (2), 147-160.
- Perez-Luno, A., Wiklund, J., & Cabrera, R.V. (2011). The dual nature of innovative activity: How entrepreneurial orientation influences innovation generation and adoption. *Journal of business Venturing*, 26(5), 555-571.
- Peteraf, M. (1993). The cornerstone of competitive advantage: A Resource-Based View. *Strategic Management Journal*, 14(3), 179-191.
- Peteraf, M., & Bergen, M. (2003). Scanning dynamic competitive landscapes: a market-based and resource-based framework. *Strategic Management Journal*, 24, 1027-1041.
- Pettinger, R. (2002). The LO, Capstone Publishing/John Wiley, Mankato, MN.
- Pinchot, G. (1985). Intrapreneuring: why you don't have to leave the corporation 10 become an entrepreneur, New York: Harper and Row.
- Planting, S. (2006). Executives know that growth must come from innovation. Innovation Financial Mail, 1 September: 3.
- Polit, D.F., & Hungler, B.P. (2012). Nursing research: principles and methods 9th Ed. Lippincott, New York, 332-333.

- Porter, M.E. (1991). Towards a dynamic theory of strategy. *Strategic Management Journal*, 12, 95-117.
- Porter, M.E. (1980). Competitive Strategy: Techniques for Analyzing Industries and Competitors. New York: Free Press.
- Power, J., & Waddell, Di. (2004). The link between self-managed work teams and Loss using performance indicators. *The Learning Orientation*, 11(3), 244-259.
- Preacher, K.J, & Hayes, A.F. (2004). SPSS and SAS procedures for estimating indirect effects in simple mediation models. *Behavior Research Methods, Instruments, & Computers*, 36(4), 717-731.
- Preacher, K.J., & Hayes, A.F. (2008). Asymptotic and re-sampling strategies for assessing and comparing indirect effects in multiple mediator models. *Behavior Research Methods*, 40, 879-891.
- Prouska, R., Psychogios, A.G., & Rexhepi, Y. (2016). Rewarding employees in turbulent economies for improved organisational performance: Exploring

- SMEs in the South-Eastern European region *Personnel Review*, 45(6), 1259-1280.
- Pun, K.F., & Furlonge, S.J (2009). Exploring culture dimensions and enablers in quality management practices: some findings. *The Asian Journal on Quality*, 10(2), 57-76.
- Pun, K.F., & Furlonge, S.J. (2012). Impacts of company size and culture on quality management practices in manufacturing organisations. *The TQM Journal*, 24(1), 83-101.
- Quinn, J.B. (1985). Managing innovation: controlled chaos. *Harvard Business Review*, 63(3), 73-84.
- Raisinghani, M. (2000). Knowledge management: A cognitive perspective on business and education. *American Business Review*, 18(2), 105-112.
- Ram, B. R., Nallaluthan, K., & Hanafi, N. (2017). The Effect of Work Discretion and Time Availability Towards entrepreneurial Orientation in Malaysia: Case Study from Shin-Etsu Malaysia. *International Journal of Law, Humanities & Social Science*, 1(4), 55-64.
- Raven, A., & Prasser, S.G. (1996). Information technology support for the creation and transfer of tacit knowledge in organizations. AIS 1996 Conference.
- Razmerita, L., Kirchner, K., & Nielsen, P. (2016). What factors influence knowledge sharing in organizations? A social dilemma perspective of social media communication, *Journal of Knowledge Management*, 20(6), 1225-1246.
- Reese, S. (2014). Do actions speak louder than words study of a shared vision? *Industrial and Commercial Training*, 46(5), 237-243.

- Rhee, J., Park, T., & Lee, D.H. (2010). Drivers of Innovativeness and Performance for Innovative Smes in South Korea: Mediation of Learning Orientation. *Technovation*, 30, 65-75.
- Richard, C.O., Barnett, T., Dwyer, S., & Chadwick, K. (2004). Cultural diversity in management, firm performance, and the moderating role of entrepreneurial orientation dimensions. *Academy of Management Journal*, 47(2), 255-266.
- Ringle, C.M., Sarstedt, M., & Straub, D.W. (2012). Editor's comments: a critical look at the use of PLS-SEM in MIS quarterly. *MIS Quarterly*, 36(1), iii-xiv.
- Ringle, C.M., Wende, S., & Becker, J.-M. (2015). SmartPLS 3. Boenningstedt: SmartPLS GmbH, http://www.smartpls.com.
- Robbin, S.P. (2013). Organizational behaviour (13th Ed.). Upper Saddle River, NJ: Prentice-Hall.

- Rogelberg, S.G., & Stanton, J.M. (2007). Understanding and Dealing with Organizational Survey Nonresponse. *Organizational Research Methods*, 10, 195-209.
- Roscoe, J.T. (1975). Fundamental research statistics for the behavioural sciences, New York: Holt.
- Rowley, J. (2014). Designing and using research questionnaires. *Management Research Review*, 37(3), 308-330.
- Rumelt, R. (1984). Towards a strategic theory of the firm. in Lamb, R., (Ed.), Competitive Strategic Management, Prentice-Hall, Englewood Cliffs (NJ).
- Runyan, R., Huddleston, P., & Swinney, J. (2006). Entrepreneurial orientation and social capital as small firm strategies: A study of gender differences from a Resource-Based View. *The International Entrepreneurship and Management Journal*, 2(4), 455-477.
- Russell, R.D. (1999). Developing a process model of intrapreneurial systems: A cognitive mapping approach. *Entrepreneurship: Theory & Practice*, 23(3), 65-84.
- Sahasranamam, S., & Sud, M. (2016). Opportunity and Necessity Entrepreneurship: A Comparative Study of India and China. *Academy of Entrepreneurship Journal*, 2(1), 21-40.
- Salaheldin, S, (2007). The impact of organizational characteristics on AMT Adoption: A study of Egyptian manufacturers *Journal of Manufacturing Technology Management*, 18(4), 443-460.
- Sale, J.E.M, Lohfeld, L., & Brazil, K. (2002). Revisiting the Quantitative-Qualitative Debate: Implications for Mixed-Methods Research. *Quality & Quantity*, 36, 43-53.
- Salmon, M.H. (2007). Introduction to Logic and Critical Thinking, 5th edition. Thomson Wadworth.
- Santos-Vijande, M.L., López-Sánchez, J.Á., & Trespalacios, J.A. (2012). How organizational learning affects a firm's flexibility, competitive strategy, and performance. *Journal of Business Research*, 65(8), 1079-1089.
- Sathe, V. (1985). Managing an entrepreneurial dilemma: Nurturing entrepreneurship and control in large corporations. *Frontiers of Entrepreneurship Research*, pp. 636-656. Wellesley. MA: Babson College.
- Sathe, V. (1989). Fostering entrepreneurship in large entrepreneurs. *Journal of High Technology*, 14(1), 149-170.

- Saunders, M., Lewis, P., & Thornhill, A. (2009). Research methods for business students, 7th Ed., Prentice Hall: Hallow.
- Sawhney, M., & Prandelli, E. (2000). Communities of creation: managing distributed innovation in turbulent markets. *California Management Review*, 42(4), 24-54.
- Scheepers, M.J.V. (2012). Antecedents of strategic corporate entrepreneurship, European Business Review, 24(5), 400-424.
- Schumpeter, J.A. (1942). Capitalism, Socialism and Democracy. New York, NY: Harper & Brothers.
- Schwandt, D.R., & Marquart, M.J. (2000). Organizational learning: From world-class theories to global best practices. New York: CRC Press.
- Sebora, T.C., Theerapatvong, T., & Lee, S.M. (2010). Corporate entrepreneurship in the face of changing competition: A case analysis of six Thai manufacturing firms. *Journal of Organizational Change Management*, 23(4), 453-470.
- Secker, J., Wimbush, E., Watson, J., & Milburn, K. (1995). Qualitative methods in health promotion research: Some criteria for quality. *Health Education Journal*, 54, 74-87.
- Seibert, S.E., Kraimer, M.L., & Crant, J.M. (2001). What do proactive people do? A longitudinal model linking proactive personality and career success. *Personnel Psychology*, 54(4), 845-874.
- Sekaran, U., & Bougie, R. (2010). Research methods for business: A skill building approach (5th Ed.). West Sussex, UK: Wiley.
- Sekaran, U. (2009). Research Methods for Business: A Skill Building Approach. New York: John Wiley and Son.
- Senge, P. (1992). La Quinta Disciplina, Granica, Barcelona.
- Senge, P.M. (1990). The leaders' new work: building Learning Orientations. *Sloan Management Review*, 32(1), 7-23.
- Shah Alam, S., Rohani, M., Kamaruddin, B.H., & Nor, N.G. (2015). Personal values and entrepreneurial orientations in Malay entrepreneurs in Malaysia. *International Journal of Commerce and Management*, 25(4), 385-401.
- Shan, P., Song, M., & Ju, X. (2016). Entrepreneurial orientation and performance: Is innovation speed a missing link? *Journal of Business Research*, 69, 683–690.
- Shane, S. (1994). Are champions different from non-champions? *Journal of Business Venturing*, 9(5), 397-421.

- Shane, S. (2003). A General Theory of Entrepreneurship: The Individual-Opportunity Nexus. Cheltenhatn, UK: Edward Elgar.
- Shane, S., & Venkataraman, S. (2000). The promise of entrepreneurship as a field of research. *Academy of Management Review*, 25(1), 217-226.
- Sharma, A., & Dave, S. (2011). Entrepreneurial Orientation: Performance Level. SCMS Journal of Indian Management, 8(4), 43-52.
- Shmueli, G., Ray, S., Velasquez Estrada, J.M. & Chatla, S.B. (2016). The elephant in the room: predictive performance of PLS models. *Journal of Business Research*, 69(10), 4552-4564.
- Shrader, C.R., & Hills, G.E. (2003). Opportunity recognition: Perceptions of highly successful entrepreneurs. *Journal of Small Business Strategy*, 14(2), 92-108.
- Shu, H.L., & Chi, C.W. (2010). System perspective of knowledge management, organizational learning, and organizational innovation. *Expert Systems with Applications*, 37(2), 1096-1133.
- Shyh, R.F., Chang, E., Chueh, C.O., & Chia, H.C. (2014). Internal market orientation, market capabilities and learning orientation. *European Journal of Marketing*, 48(1/2), 170-192.
- Simon, H.A. (1996). Administrative Behaviour, Free Press, New York, NY.
- Singh, Y.K. (2006). Fundamental of Research Methodology and Statistics (First Edit). New Dehli: New Age International.
- Sinkula, J.M., Baker, W.E., & Noordewier, T. (1997). A framework for market-based organizational learning: linking values, knowledge and behaviour. *Journal of the Academy of Marketing Science*, 25(4), 305-318.
- Sirkin, H.L., Zinser, M., & Hohner, D. (2011), Made in America, Again: Why Manufacturing Will Return to the U.S., Boston Consulting Group, August, 14.
- Sjöström, E., & Svedberg, E. (2010). Knowledge Management within a Consultancy Firm. A case study of Accenture.
- Skerlavaj, M., Song, J., & Lee, Y. (2010). Organizational learning culture, innovative culture and innovations in South Korean firms. *Expert Systems with Applications*, 37(9), 6390-6403.
- Slater, S.F., & Narver, J.C. (1995). Market orientation and the Learning organisation. *Journal of Marketing*, 59, 63-74.

- Slevin, D.P., & Covin, J.G. (1997). Time, growth, complexity and transitions: Entrepreneurial challenges for the future. *Entrepreneurship: Theory and Practice*, 22(2), 43-68.
- Smart, D.T., & Conant, J.S. (1994). Entrepreneurial orientation, distinctive marketing competencies and organization performance. *Journal of Applied Business Research*, 10(3), 28-38.
- Snider, J. (2010). Commentary. The cult of statistical pyrotechnics. Education Week, 29(21), 20-21.
- Solesvik, M.Z., & Westhead, P. (2010). Partner selection for strategic alliances: case study insights from the maritime industry. *Industrial Management & Data Systems*, 110(6), 841-60.
- Solomon, D.J. (2001). Conducting web-based surveys. Practical Assessment, Research & Evaluation, 7(19).
- Spanos, Y., & Lioukas, S. (2001). An examination into the causal logic of rent generation: Contrasting Porter's competitive strategy framework and the resource-based perspective. *Strategic Management Journal*, 22(10), 907-934.
- Sproull, N.D., (1995). Handbook of research methods: A guide for practitioners and students in the social sciences (2nd Ed.). New Jersey: The Scarecrow Press.
- Srivastava, A., & Lee, H. (2005). Predicting order and timing of new product moves: the role of top management in corporate entrepreneurship. *Journal of Business Venturing*, 20, 459-481.
- Stanley, K.S.W., (2014). Impacts of environmental turbulence on entrepreneurial orientation and new product success. *European Journal of Innovation Management*, 17(2), 229-249.
- Stevenson, H.H., & Jarillo, J.C. (1990). A paradigm of entrepreneurship: entrepreneurial management. Strategic Management Journal, 11(4), 17-27.
- Stewart, S.A., Gary, J.C., & Hudson, B.A. (2016). A foot in both camps: role identity and entrepreneurial orientation in professional service firms. *International Journal of Entrepreneurial Behavior & Research*, 22(5), 718-744.
- Stone, M. (1975). Cross-validatory choise and assessment of statistical predictions. Journal of the Royal Statistical Society. Serial B (Methodological), 111-147.
- Stopford, J.M., & Baden-Fuller, C.W.F. (1994). Creating corporate entrepreneurship. Strategic Management Journal, 15(7), 521-536.

- Streiner, D.L., & Norman, G.R. (1999). Health Measurement Scales: A Practical Guide to their Development and Use. Toronto: 2nd Edition Oxford University Press.
- Suazo, M.M., & Turnley, W.H. (2010). Perceived organizational support as a mediator of the relations between individual differences and psychological contract breach. *Journal of Managerial Psychology*, 25(6), 620-648.
- Subramaniam, M., & Youndt, M.A. (2005). The influence of intellectual capital on the types of innovative capabilities. *Academy of Management Journal*, 48(3), 450-463.
- Sveiby, K.E. (1997). The new organizational wealth: Managing and measuring knowledge based assets. Francisco, CA: Berrett-Koehler Publishers, Inc.
- Syed-lkhsan, S.O.S., & Rowland, F. (2004). Knowledge management in a public organization: A study on the relationship between organizational elements and the Performance of knowledge transfer. *Journal of Knowledge Management*, 8(2), 95-111.
- Sykes, H.B., & Block, Z. (1989). Corporate venturing obstacles: sources and solutions. *Journal of Business Venturing*, 4(3), 159-167.
- Tabachnick, B.G., & Fidel, L.S. (2014). *Using multivariate statistics* (6th Ed.). Boston: Pearson Education Inc.
- Tajeddini, K. (2011a). The effects of innovativeness on effectiveness and efficiency. Education, Business and Society: Contemporary Middle Eastern Issues, 4(1), 6-18.
- Tajeddini, K. (2011b). Customer orientation, learning orientation, and new service development: an empirical investigation of Swiss hotel industry. *Journal of Hospitality & Tourism Research*, 35(4), 437-468.
- Tajeddini, K. (2016). Analyzing the influence of learning orientation and innovativeness on performance of public organizations the case of Iran. *Journal of Management Development*, 35(2), 134-153.
- Tajeddini, K., & Trueman, M. (2008). Potential for innovativeness: a tale of the Swiss watch industry. *Journal of Marketing Management*, 24(1/2), 169-184.
- Talaja, A. (2012). Testing VRIN Framework: Resource Value and Rareness as Sources of Competitive Advantages and Above Average Performance. *Management*, 17(2), 51-64.
- Tan, C.N.L., & Md. Noor, S. (2013). Knowledge management enablers, knowledge sharing and research collaboration: a study of knowledge management at research universities in Malaysia. Asian Journal of Technology Innovation, 21(2), 251-276.

- Tan, C.S., Smyrnios, K., & Xiong, L. (2014). What drives learning orientation in fast growth SMEs? *International Journal of Entrepreneurial Behavior & Research*, 20(4), 324-350.
- Taylor-West, P., & Saker, J. (2012). Computer assisted sales processes in automotive retailing. *International Journal of Retail & DistributionManagement*, 40(7), 493-509.
- Tenenhaus, M.V., Esposito, V., Chatelin, Y.M., & Lauro, C. (2005). PLS path modeling. *Computational statistics & data analysis*, 48(1), 159-205.
- Thangavelu, S.M. (2012). Economic growth and foreign workers in ASEAN and Singapore. *Asian Economic Papers*, 11(3), 114-136.
- Thangavelu, S.M. (2016). Productive contribution of local and foreign workers in Singapore manufacturing industries. *Journal of Economic Studies*, 43(3), 380-399.
- The Rakyat Post (1 July 2015). JVC factory in Shah Alam ceases operations, Retrieved on the 25, May, 2016 from http://www.therakyatpost.com.my/
- The Start Online (18 March 2016). *BAT to close Malaysian factory in stages*, Retrieved on the 18, July, 2016 from http://www.thestar.com.my/
- The Start Online (22 April 2015). *Manufacturing sector to remain key driver of Malaysian economy*. Retrieved on the 3, June, 2016 from http://www.thestar.com.my/
- The Start Online (23 October 2015). US firm closing down one plant in Penang, moving to China, Retrieved on the 10, February, 2016 from http://www.thestar.com.my/
- The Start Online (30 October 2015). HGST to close plant, 450 workers to be redeployed, Retrieved on the 10, February, 2016 from http://www.thestar.com.my/
- Thomas, A.S., & Mueller, S.L. (2000). A case for comparative entrepreneurship: Assessing the relevance of culture. *Journal of International Business Studies*, 31(2), 287-302.
- Thompson, A. (2003). Overview of a Business Plan, Perth. Business Entrepreneur.
- Tomaževič, N., Seljak, J., & Aristovnik, A. (2014). Factors influencing employee satisfaction in the police service: the case of Slovenia. *Personnel Review*, 43(2), 209-227.
- Tseng, S.M., & Lee, P.S. (2014). The effect of knowledge management capability and dynamic capability on organizational performance. *Journal of Enterprise Information Management*, 27(2), 158-179.

- Ullah, H., Ahmad, Z.M., & Manzoor, S.R. (2013). Enterprise related factors influencing entrepreneurial orientation: Evidence from Khyber Pakhtunkhwa Province of Pakistan. African Journal of Business Management, 7(39), 4096-4108.
 - Utusan online (20 Julai 2016). Lebih 36000 pekerja diberhentikan tahun lalu. Retrieved on the 28, July, 2016 from http://www.utusan.com.my
- Van Grinsven, M., & Visser, M. (2011). Empowerment, knowledge conversion and dimensions of organizational learning. *The Learning Organization: An International Journal*, 18(5), 378-391.
 - Van Praag, M.C., & Versloot, P.H. (2007). What is the Value of Entrepreneurship? A Review of Recent Research. *Small Business Economics*, 29, 351-382.
 - VandeWalle, D., Brown, S. P., Cron, W. L., & Slocum, J. W. (1999). The influence of goal orientation and self-regulation tactics on sales performance: A longitudinal field test. *Journal of Applied Psychology*, 84, 249-259.
 - Venkatraman, N. (1989). Strategic orientation of business enterprises: The construct, dimensionality, and measurement. *Management Science*, 35(8), 942-962.
 - Vesper, K.H. (1984). Three faces of corporate entrepreneurship: A pilot study. In Hornaday, J.A., F.J. Tarpley, J.A. Timmons & K.H. Vesper, editors, Frontiers of entrepreneurship research. Wellesley, MA: Babson College.
 - Vijayakumar, P.B., & Cunningham, C.J.L. (2016). Cross-cultural adjustment and expatriation motives among Indian expatriates. *Journal of Global Mobility:* The Home of Expatriate Management Research, 4(3), 326-344.
 - Von Krogh, G., Ichijo, K., & Nonaka, I. (2000). Enabling Knowledge Creation: How to Unlock the Mystery of Tacit Knowledge and Release the Power of Innovation. Oxford University Press, New York, N.Y.
 - Von Krogh, G., Nonaka, I., & Aben, M. (2001). Making the most of your company's knowledge: a strategic framework. *Long Range Planning*, 34(4), 421-439.
 - Wakkee, I., Elfring, T., & Monaghan, S. (2010). Creating entrepreneurial employees in traditional service sectors. *International Entrepreneurship and Management Journal*, 6(1), 1-21.
 - Wales, W., Monsen E., & McKelvie, A. (2011). The Organizational Pervasiveness of Entrepreneurial Orientation. *Entrepreneurship Theory and Practice*, 35(5), 895-923.
 - Walker, R.C., & Aritz, J. (2015). Women Doing Leadership: Leadership Styles and Organizational Culture. *International Journal of Business Communication*, 52(4), 452-478.

- Walsh, J.P., & Ungson, G.R. (1991). Organizational memory. Academy of Management Review, 16(1), 57-91.
- Wang, C.L. (2008). Entrepreneurial orientation, learning orientation, and firm performance. *Entrepreneurship Theory and Practice*, 32(4), 635-656.
- Weisberg, & Bowen, (1977). An Introduction to Survey Research and Data Analysis. W.H. Freeman & Co. Ltd.
- Wennekers, S., & Thurik, A.K. (1999). Linking entrepreneurship and economic growth. *Small Business Economics*, 13(1), 27-55.
- Wernerfelt, B. (1984). A resource-based view of the firm. Strategic Management Journal, 5(2), 171-182.
- Wernerfelt, B. (1989). From Critical Resources to Corporate Strategy. *Journal of General Management*, 14(3), 4-12.
- Westerlund, M., & Rajala, R. (2010). Learning and innovation in inter-organizational network collaboration. *Journal of Business & Industrial Marketing*, 25(6), 435-442.
- Widhiarso, W., & Ravand, H. (2014). Estimating reliability coefficient for multidimensional measures: A pedagogical illustration. *Review of Psychology*, 21(2), 111-121.
- Wiig, K.M. (1995). Knowledge Management Methods. Arlington, TX: Schema Press.
- Wijnhoven, F. (1998). Designing organizational memories: Concept and method. Journal of Organizational Computing and Electronic Commerce, 18(1), 29-55.

- Wiklund, J. (1999). The sustainability of the entrepreneurial orientation-performance relationship. *Entrepreneurship: Theory and Practice*, 24(1), 37-48.
- Wiklund, J., & Shepherd, D. (2003). Knowledge-based resources, entrepreneurial orientation and the performance of small and medium-sized businesses. *Strategic Management Journal*, 24(13), 1307-1314.
- Williams C.C., Round J., & Rodgers, P. (2010). Explaining the off-the-book enterprise culture of Ukraine: reluctant or willing entrepreneurship? *International Journal of Entrepreneurship and Small Business*, 10(2), 165-80.
- Willis, G.B., & Beatty, P.C. (2007). Research synthesis: the practice of cognitive interviewing. *Public Opinion Quarterly*, 71(2), 287-311.

- Wiseman, R.W., & Skilton, P.F. (1999). Divisions and differences: Exploring publication preferences and productivity across management subfields. *Journal of Management Inquiry*, 8(3), 299-320.
- Wold, H. (1982). Soft modeling: The basic design and some extensions. In Joreskog, K.G., & Wold, H.E. (Eds), *Systems under indirect observation:* causality, structure, prediction. North-Holland Publishing Company: Amsterdam.
- Wolfer, L. (2007). Real Research: Conducting and Evaluating Research in the Social Sciences. Boston: Pearson/Allyn and Bacon.
- Worley, J.M., & Doolen, T.L. (2015). Organizational structure, employee problem solving, and lean implementation. *International Journal of Lean Six Sigma*, 6(1), 39-58.
- Xu, D., Huo, B., & Sun, L. (2014). Relationships between intra-organizational resources, supply chain integration and business performance. *Industrial Management & Data Systems*, 114(8), 1186-1206.
- Yang, L., & Wang, D. (2014). The impacts of top management team characteristics on entrepreneurial strategic orientation: The moderating effects of industrial environment and corporate ownership *Management Decision*, 52(2), 378-409.
- Yeazdanshenas, M. (2014). Designing a Conceptual Framework for Organizational Entrepreneurship in the Public Sector in Iran. *Iranian Journal of Management Studies*, 7(2), 365-390.
- Yeo, R.K. (2008). Identifying the competitive sword: learning to be cutting-edge for organizational development. *Business Strategy Series*, 9(1), 30-36.
- Yin, R.K. (2003). Case study research Design and methods, Thousand Oaks: Sage Publications.
- Zack, M. (1999). Managing codified knowledge. Sloan Management Review, 40(4), 45-57.
- Zahra, S.A. (1991). Predictors and financial outcomes of corporate entrepreneurship: An exploratory study. *Journal of Business Venturing*, 6 (4), 259-285.
- Zahra, S.A. (2010). Organizational learning and entrepreneurship in family firms: exploring the moderating effect of ownership and cohesion. *Small Business Economics*, 38(1), 51-65.
- Zahra, S.A., & Covin, J.G. (1995). Contextual influence on the corporate entrepreneurship-performance relationship: a longitudinal analysis. *Journal of Business Venturing*, 10(1), 43-58.

- Zainol, F.A., & Ayadurai, S. (2011). Entrepreneurial Orientation and Firm Performance: The Role of Personality Traits in Malay Family Firms in Malaysia. *International Journal of Business and Social Science*, 2(1), 59-71.
- Zhang, D.D., & Bruning, E. (2011). Personal characteristics and strategic orientation: entrepreneurs in Canadian manufacturing companies. *International Journal of Entrepreneurial Behavior & Research*, 17(1), 82-103.
- Zhang, H., Zhang, T., Cai, H., Li, Y., Huang, W.W., & Xu, D. (2014). Proposing and validating a five-dimensional scale for measuring entrepreneurial orientation an empirical study. *Journal of Entrepreneurship in Emerging Economies*, 6(2), 102-121.
- Zhao, H., & Hsu, C.C. (2007). Social Ties and Foreign Market Entry: An Empirical Inquiry. *Management International Review*, 47(6), 815-844.
- Zhou, T., & Li, W. (2016). Board Governance and Managerial Risk Taking: Dynamic Analysis. *The Chinese Economy*, 49, 60-80.
- Ziemak, A.Z. (2015). The Impact of Organisational Learning on Organisational Performance. *Management and Business Administration*. *Central Europe*, 23(4), 98-112.
- Zikmund, W.G., Babin, B.J., Carr, J.C., & Griffin, M. (2010). Business research methods. 8th Ed. ISBN-10: 1439080674 / ISBN-13: 9781439080672.
- Zu, X., Fredendall, L.D., & Douglas, T.J. (2008). The evolving theory of quality management: the role of Six Sigma. *Journal of Operations Management*, 26(5),630-650.

PUBLICATION AND CONFERENCE

- Nallaluthan, K., Ram, B.R., & Hanafi, N. (2017). Measures To Solve Employee Performance Issues During New Product Development Transfer In Shin-Etsu Malaysia-Case Study. *International Journal of Law, Humanities & Social Science*, 1(5), 46-70.
- Ram, B.R., Nallaluthan, K., & Hanafi, N. (2017). The Effect of Work Discretion and Time Availability Towards entrepreneurial Orientation in Malaysia: Case Study from Shin-Etsu Malaysia. *International Journal of Law, Humanities & Social Science*, 1(4), 55-64.
- Ram, B.R., Nallaluthan, K., & Hanafi, N. (2017). Production Success: Key Factors New Product, Transaction from New Model Stages to Mass Production. *Imperial Journal of Interdisciplinary Research (IJIR)*, 3(9), 499-507.
- Ram, B.R., Nallaluthan, K., & Hanafi, N. (2017). The Moderating Effect of External Environment on Performance of SMEs in Malaysia-Pilot Study. *International Journal for Research & Development in Technology*, 8(3), 63-67.
- Ram, B.R., Nallaluthan, K., & Hanafi, N. (2017). Brand Equity in Higher Education Institutions in Malaysia. *International Journal of Law, Humanities & Social Science*, 1(5), 71-86.
- Ram, B.R., Nallaluthan, K., & Hanafi, N. (2016). The Effect of Work Discretion and Time Availability Towards entrepreneurial Orientation in Malaysia: Case Study from Shin-Etsu Malaysia. Presented in the 1st International Conference on Management and Communication (ICMC) 2016, 20-21 August 2016, Universiti Utara Malaysia, UUM Kuala Lumpur.



The Eminent Management University

Certificate of Appreciation

This certificate is awarded to

KESAVAN A/L NALLALUTHAN

in recognition of your participation as

Presenter

THE 1ST INTERNATIONAL CONFERENCE ON MANAGEMENT AND COMMUNICATION (ICMC) 2016

20 & 21 August 2016 | Swiss Garden Hotel, Melaka

organised by

UUM KUALA LUMPUR



できるともとなる あこも あこもこもこもこも

Dr. Ahmad Rizal bin Mazlan Director UUM Kuala Lumpur