

**MANAGING KNOWLEDGE IN FIT ACADEMIC
ENVIRONMENT:
A PROPOSED KNOWLEDGE SHARING FRAMEWORK**

ASMA HANEE ARIFFIN

Master of Science Information Technology (IT)

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A thesis submitted to the Graduate School in partial
fulfillment of the requirement for the degree
Master of Science (Information Technology)
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By

Asma Haneef Ariffin

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A PROPOSED KNOWLEDGE SHARING FRAMEWORK**

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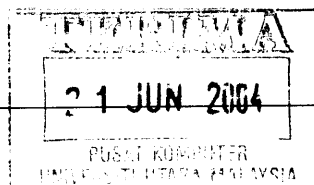
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ABSTRAK

Menguruskan Pengetahuan di Persekitaran Akademik FTM:

Cadangan Rangkakerja Perkongsian Pengetahuan

Dalam era berasaskan pengetahuan, kejayaan sesuatu organisasi, khususnya di dalam bidang akademik, tidak lagi bergantung kepada sokongan teknikal dan kewangan yang stabil. Kejayaan organisasi juga lebih tertumpu kepada aliran pengurusan dan perkongsian pengetahuan yang sistematik. Berdasarkan aspek pengurusan pengetahuan yang melibatkan perkongsian dan pengagihan pengetahuan, kajian ini dilaksanakan bagi mengupas bagaimana staf akademik di Fakulti Teknologi Maklumat (FTM) dapat memperoleh, menambah serta berkongsi pengetahuan khususnya bagi membangunkan aktiviti pengajaran dan penyelidikan. Hasil kombinasi di antara proses *Socialization*, *Externalization*, *Combination* dan *Internalization* (SECI), kajian dari universiti-universiti tempatan dan sesi temuramah di kalangan pensyarah di FTM, kajian ini mencadangkan satu rangkakerja perkongsian pengetahuan iaitu *Tacit and Explicit Approaches Framework (TEA Framework)*, untuk memperbaiki aktiviti-aktiviti perkongsian pengetahuan yang sedia ada di FTM. Rangkakerja ini diharapkan dapat membantu dan memberikan panduan bagi membangunkan suatu sistem pengurusan pengetahuan yang efektif, pada masa akan datang.

ABSTRACT

In this knowledge-based era, the successful of an organization, especially in academic field, is not completely depending on technical supports and budgets but also the systematic flow of managing the knowledge and sharing this asset among the staff. As knowledge management includes knowledge distribution and sharing, this study focused on how academic staff in Faculty of Information Technology (FIT) can capture, increase and share their knowledge towards enhancement in teaching and research activities. Based on the mixture of Socialization, Externalization, Combination and Internalization (SECI) process, studies from other universities and interviews among FIT lecturers, this study proposed a knowledge sharing framework; Tacit and Explicit Approaches Framework (TEA Framework), to enhance current knowledge sharing activities in this academic environment. It is hoped that this framework will assist in developing an effective knowledge management system (KMS), in future.

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TABLE OF CONTENT

PERMISSION TO USE	i
ABSTRACT (BAHASA MELAYU)	ii
ABSTRACT (ENGLISH)	iii
ACKNOWLEDGEMENT	iv
TABLE OF CONTENT	v
LIST OF TABLES	viii
LIST OF FIGURES	ix
CHAPTER 1: INTRODUCTION	
1.1 Overview of the Study	1
1.2 Problem Statement	3
1.3 Objectives	4
1.4 Contributions	4
1.5 Scope of the Study	5
1.6 Organization of the Report	6
1.7 Summary	7
CHAPTER 2: LITERATURE REVIEW	
2.1 Knowledge and Knowledge Management	8
2.1.1 Understanding Knowledge	8
2.1.2 Explicit and Tacit Knowledge	9
2.1.3 Knowledge Conversion Model	11
2.1.4 Understanding Knowledge Management	13

2.1.5	Knowledge Sharing	15
2.2	Knowledge Management System (KMS) and Practices	16
2.2.1	Knowledge Management Studies from Local Universities	16
2.3	Managing Knowledge in FIT Academic Environment	19
2.3.1	Knowledge portal	20
2.3.2	Communities of Practice (CoPs)	20
2.3.3	Faculty of Information Technology (FIT) Academic Environment	22
2.4	Summary	23
CHAPTER 3: METHODOLOGY		
3.1	The Structured-Case Research Cycle	24
3.2	Methodology Phases	25
3.2.1	Understand knowledge management; definition and practices	25
3.2.2	Study current knowledge management activities in FIT	27
3.2.3	Study suitable frameworks and models	28
3.2.4	Suggest a knowledge sharing framework – TEA Framework	29
3.3	Summary	30
CHAPTER 4: RESULT AND DISCUSSION		
4.1	The Overview of Current Knowledge Sharing Initiatives in FIT	31
4.1.1	Describing phenomena	32
4.1.2	Classifying phenomena	33
4.1.3	Making Connections	33
	• FIT knowledge sharing activities – a view as an individual	33

•	FIT knowledge sharing activities – a view as a whole	36
•	CoPs / Special Interest Groups (SIGs) approaches in FIT	37
•	Suggestions for future enhancement	38
4.2	Tacit and Explicit Approaches Framework – TEA Framework	38
4.2.1	SIGs and knowledge portal	40
4.2.2	The Agents	41
4.2.3	Knowledge sharing initiatives	42
•	Conferences, colloquiums and paper presentations	42
•	Integrated SIGs discussions	42
•	Mentoring system	43
•	Informal occasions	44
4.2.4	Management supports, good infra/info structure and good attitude	44
4.3	Summary	45
CHAPTER 5: CONCLUSION AND RECOMMENDATIONS		
5.1	Limitations	46
5.2	Recommendations	47
5.3	Summary	47
BIBLIOGRAPHY		49
APPENDIX A		
Interview Questions Outline		

LIST OF TABLES

Table 2.1 : Explicit knowledge versus tacit knowledge.	10
Table 2.3 : Knowledge management studies from local universities.	17
Table 4.1 : The comparison of procedures in qualitative data analysis.	31
Table 4.2 : Details of respondents involved.	32
Table 4.3 : Summaries of the respondents' transcripts.	34-35
Table 4.4 : The related activities with the negative reasons.	36

LIST OF FIGURES

Figure 1.1 : Groups involve in knowledge management activities in FIT.	6
Figure 2.2 : The SECI process.	12
Figure 3.1 : The structured-case research cycle.	24
Figure 3.2 : Summary of relationship between objectives and methodology.	26
Figure 4.5 : Tacit and Explicit Approaches Framework – TEA Framework	39

Chapter 1

Introduction

This chapter introduces the main ideas that are keys for this study, which are knowledge management; including an overview of its definition, and academic environment; which focused on Faculty of Information Technology (FIT) in Universiti Utara Malaysia (UUM). In addition, the problem definition, objectives of the study, contributions and scope of the study are also presented.

1.1 Overview of the Study

In this knowledge-based era, the participants emphasize more on knowledge capabilities, which brings out the relevance of knowledge management to play its role towards self-enhancement and competitive advantages. Nowadays, the successful of an organization, especially in academic field, is not completely depending on technical supports and high budgets but also the flow of information and knowledge sharing among the workers.

Based on researches in epistemology (the theory of knowledge), there are various perception that bring to various definition of knowledge. Knowledge, defined by Davenport and Prusak (1998), as deriving from minds at work:

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