UNIVERSITI TEKNOLOGI MARA

BLENDED LEARNING IN MALAYSIA: A CASE STUDY OF LECTURERS' READINESS AT INSTITUT PROFESIONAL BAITULMAL

ZARINA BINTI ABDUL AZIZ

IT Project submitted in partial fulfillment of the requirements for the degree of Master of Science in Information Technology

Faculty of Computer and Mathematical Sciences

January 2015

ABSTRACT

The integration of advantages of face-to-face based format with e-Learning enables arranging education in a form of so called Blended Learning (BL) which combines the traditional face to face study and online learning. However, studies have shown that there are many potential obstacles which may hinder the effectiveness of lecturers' participation toward blended learning approach. Previous studies have found that most of the attitudes held by academicians were negative, primarily because they doubted the quality of the education that students received through online course. This study will be carried out at a private educational institution with aims to statistically identify how the lecturers' personality traits of technology readiness influence their perceptions toward blended learning and to assess their attitude toward blended learning approach in their teaching activities. Quantitative approach and questionnaire instruments are used to gather the data from the respondents. The findings show that there are significant relationship between technology readiness dimensions with perceived ease of use and perceived usefulness and the lecturers have the positive attitude toward blended learning approach. This study would provide the awareness to the top management about the attitude and perceptions among lecturers towards blended learning approach and the lecturers will have basic exposure on what is basically blended learning is by sharing the outcome of the study during workshop or seminars organized by the institution.

ACKNOWLEDGEMENT

Praise only to Allah for giving me strength, perseverance and good health to complete this research within the stipulated time frame. Though this thesis is an individual work, I could never have reached the heights or explored the depths without the help, support guidance and efforts of a lot of people around me.

Thanks are best when concrete therefore I would like to specifically describe the thanks for. I would like to thank my supervisor Puan Jamaliah binti Taslim who helped me since day one. She had to patiently guide me on all sorts of questions, lent me books and helped me when I am in the dark.

My heartfelt thank you to my other half, Ahmad Zaidi bin Mohd Darus and the two boys who through thick and thin patiently waited that one day I could finish this study and we can together take a break somewhere having real good time. Not forgotten thank you to my parents for all the prayers.

Finally, to everyone else whom directly or indirectly has helped me in this research project, sincerely thanks.

TABLE OF CONTENTS

	Page
AUTHOR'S DECLARATION	ii
ABSTRACT ACKNOWLEDGEMENT	
LIST OF TABLES	
LIST OF FIGURES	xi
CHAPTER ONE: INTRODUCTION	ť
1.1 Background of the Study	1
1.2 Problem Statement	4
1.3 Aim	5
1.4 Research Questions	5
1.5 Hypotheses	5
1.6 Objectives	6
1.7 Scope	6
1.8 Significance	7
1.8.1 Top Management Of IPB	7
1.8.2 Lecturers	7.
1.9 Report Outline	7
CHAPTER TWO: LITERATURE REVIEW	9
2.1 Introduction	9
2.2 Definition of Key Concepts	11
2.2.1 Blended Learning in Malaysia	11
2.2.1.1 Blended Learning in Open University of Malaysia	(OUM) 11
2.2.1.2 Blended Learning in University Malaya	12
2.2.1.3 Blended Learning in University of Tunku Abdul R	ahman
(UTAR)	13

	2.2.2 Technology Readiness	14
	2.2.3 Lecturers	15
	2.2.4 Case Study	16
	2.2.5 Institut Profesional Baitulmal	17
2.3	Overview Of Previous Research	18
2.4	Theoretical Framework	19
	2.4.1 Technology Readiness Index (TRI)	19
	2.4.2 Technology Acceptance Model (TAM)	20
2.5	Conclusion	22

CHAPTER THREE: METHODOLOGY		23
3.1	Introduction	23
3.2	Methodology	23
3.3	Phases Of Methodology	23
	3.3.1 Phase 1: Identification of Problem and Planning	25
	3.3.1.1 Conceptual Model	25
	3.3.1.2 Hypotheses	28
	3.3.2 Phase 2: Survey Instrument	30
	3.3.2.1 Questionnaire	30
	3.3.2.2 Questionnaire Design	32
	3.3.3 Phase 3: Target Respondents	33
	3.3.4 Phase 4: Data Collection	34
	3.3.4.1 Pilot Study	34
	3.3.4.2 Validity and Reliability	-34
	3.3.4.3 Participation and Procedures	35.
	3.3.4.4 Data Collection Method	35
	3.3.5 Phase 5: Data Analysis	36
	3.3.5.1 Descriptive Analysis	36
	3.3.5.2: Correlation Analysis	36
	3.3.6 Phase 6: Report Documentation	38
3.4	Conclusion	38