## AN INVESTIGATION OF APPLICATION OF COMPUTER BASED ACCOUNTING IN SMALL AND MEDIUM ENTERIPRISES IN PUTTLAM DISTRICT



By

#### WIJAYALATH PEDIGE WASANA RASANJALI JAYAKODI

#### **REG: EU/IS/2015/COM/44**

#### **INDEX NO: COM 1924**



# FCM2606

A Project Report Submitted to the Faculty of Commerce and Management, Eastern University, Sri Lanka as a partial fulfilment of the requirement of the Degree of Bachelor of Commerce Honors in Accounting and Finance [BComHons (Accounting and Finance)]

> Department Of Commerce Faculty of Commerce and Management Eastern University, Sri Lanka

> > 2020

PROCESSED MAIN LIBRARY, EUSL

#### ABSTRACT

Computer based accounting system at as a circular instrument in organization in recent developing ICT world. These systems helps to prepare proper accounting information based on the organization requirement. In present Sri Lankan business context most of the business toward use computer based accounting system for their day today business activities.

In this context, investigates the application of computer based accounting in small and medium enterprises in Puttlam district. Main objective of the study is to evaluate the level of application of computer based accounting. Data were collected from Three hundred and eight (308) small and medium enterprises owners in Puttlam district. A questionnaire was the main instrument of data collection and descriptive statistics was used for analysis. The study focuses through six dimensions namely: inventory control, payroll system, accounts receivable, accounts payable, general ledger and e-billing system. According to the descriptive analysis, level of application of computer based accounting is moderate level in the small and medium enterprises in Puttlam. According to the independent sample t test and ANOVA test analysis, level of application of computer based accounting does not vary with the business type, gender, age level, number of year organization established, work experience with computerized accounting system, currently use accounting software. Therefore, in order to improve the level of application of computer based accounting. The recommendations are given to improve the knowledge regarding to application of computer based accounting for business owners in Puttlam district.

**Keywords**: Application of computer based accounting, Inventory Control, Payroll System, Accounts Receivable, Accounts Payable, General Ledger, E-billing system

11

### TABLE OF CONTENTS

ACKNO	OWL	ADGEMENT i			
ABSTRACTii					
LIST OF TABLE viii					
LIST O	LIST OF FIGURE x				
ABBRI	VIA	ТІОN xi			
СНАРТ	ER 1	1			
INTRO	DUC	TION			
1.1.	BA	CKGROUND OF THE STUDY 1			
1.2.	PR	OBLEM STATEMENT			
1.3.	RE	SEARCH QUESTIONS			
1.4.	RE	SEARCH OBJECTIVES 5			
1.5.	SIC	GNIFICANT OF THE STUDY			
1.6.	SC	OPE OF THE RESEARCH 6			
СНАРТ	ER 7	ГWО7			
LITERA		RE REVIEW 7			
2.1	INT	TRODUCTION			
2.2		ALL AND MEDIUM ENTERPRISES			
2.3	СО	MPUTER BASED ACCOUNTING			
2.4	AP	PLICATION OF COMPUTER BASED ACCOUNTING 12			
2.4	.1	Inventory Control			
2.4	.2	Payroll System			
2.4	.3	Accounts Receivable			
2.4.4		Accounts Payable			
2.4	.5	General Ledger			
2.4	.6	E-Payment system			
2.5	MA	NUAL VERSES COMPUTER BASED ACCOUNTING 15			
2.6	СО	MPUTER BASED ACCOUNTING AND SME 16			
2.7	BE	NEFITS OF COMPUTER BASED ACCOUNTING 17			
2.7	.1	Accuracy 17			
2.7	.2	Speed			
27	3	Security 18			

2.7.4	Cost
2.7.5	Automation 18
2.8 DIS	SADVANTAGE OF USING COMPUTER BASED ACCOUNTING 19
2.8.1	Maintenance 19
2.8.2	Failure of system 19
2.8.3	Cost 19
2.8.4	Time
2.8.5	Dependence on computer 20
2.9 FA	CTOR AFFECTING TO APPLICATION OF COMPUTER BASED
ACCOUN	TING 20
2.9.1	Business Size 20
2.9.2	Availability of Infrastructure
2.9.3	Government Support 21
2.9.4	Ease of Use 21
	ALLENGERS OF USAGE OF APPLICATION OF COMPUTER
	MMARY
CHAPTER :	3
CONCEPTU	JALIZATION AND OPERATIONALIZATION
	TRODUCTION
	NCEPTUAL FRAMEWORK
3.2.1.	Inventory Control
3.2.2.	Payroll System
3.2.3.	Accounts Receivable
3.2.4.	Accounts Payable
3.2.5.	General Ledger
3.2.6	E-payment System
3.2.6.	Application of Computer Based Accounting
	DPERATIONALIZATION
	FOUR
	LOGY
	Image: Dod 1 31   IRODUCTION
1 L L L L L L L L L L L	

4	.3	POI	PULATION AND SAMPLING	32
	4.3.	1	Population of the study	32
	4.3.	2	Sampling Technique/ Method	32
	4.3.	3	Sample Size	32
4	.4	ME	THOD OF DATA COLLECTION	34
	4.4.	1	Primary Data	34
	4.4.	2	Secondary Data	34
4	.5	STF	RUCTURE OF THE QUESTIONNAIRE	34
4	.6	ME	THODS OF DATA ANALYSIS	35
	4.6.	1	Univariate Analysis	35
	4.6.	2	Cross Tabulation Analysis	36
	4.6.	3	ANOVA Test	36
	4.6.	4	Independent Sample t- Test	
4	.7	ME	THOD OF DATA EVALUATION	36
4	.8	ME	THODS OF DATA PRESENTATION	37
4	.9	SUN	MMARY	39
CH.	APT	ER F	FIVE	10
DA	TA P	RES	SENTATION AND DATA ANALYSIS	10
5	.1	INT	RODUCTION	10
5	.2	OV	ERVIEW OF THE SURVEY	10
5	.3	DEN	MOGRAPHIC DATA	11
	5.3.	1	Types of the Business	11
	5.3.	2	Gender of the Respondents	12
	5.3.	3	Age Level of the Respondents	13
	5.3.	4	Number of the Employees	14
	5.3.	5	Number of Years in Organization Established 4	15
	5.3.	6	Work Experience with Computerized Accounting System 4	16
	5.3.	7	Currently, Use of Accounting Software 4	ł7
5	.4	REI	LIABILITY TEST	18
5	.5	AN	ALYSIS OF THE RESEARCH INFORMATION 4	19
	5.5.	1	Frequency Distribution for Inventory Control	50
	5.5.	2	Frequency Distribution for Payroll System	51

5.5.3	Frequency Distribution for Accounts Receivable
5.5.4	Frequency Distribution for Accounts Payable 53
5.5.5	Frequency Distribution for General Ledger54
5.5.6	Frequency Distribution for E-Billing System 55
Table	5.20 E-Billing System
5.5.7	Frequency Distribution for Overall Application of Computer Based
Accou	nting
Table	5.22 CBA
5.6 C	ROSS TABULATION ANALYSIS 57
5.6.1	Level of application of computer based accounting by Types of
Busine	ss
5.6.2	Level of application of computer based accounting by Gender 59
5.6.3	Level of application of computer based accounting by Age level 60
5.6.4	Level of application of computer based accounting by Number of
Emplo	yees
5.6.5	Level of application of computer based accounting by Number of year
organi	zation established
5.6.6 with c	Level of application of computer based accounting by work experience omputerized accounting system
5.6.7	Level of application of computer based accounting by use accounting
softwa	re
5.7	ANOVA TEST AND INDEPENDENT SAMPLE T TEST 68
5.8 SUN	IMARY
CHAPTEF	SIX
DISCUSS	ON
6.1 N	NTRODUCTION
6.2 D	ISCUSSIONS ON RESEARCH VARIABLES
6.2.1	Inventory Control
6.2.2	Payroll System 72
6.2.3	Accounts Receivable
6.2.4	Accounts Payable
6.2.5	General Ledger
6.2.6	E-Payment System74

6.2.7	Application of Computer Based Accounting	. 74
6.3 SUN	MMARY	. 75
CHAPTE	R SEVEN	. 76
CONCLU	SION AND RECOMMENDATION	76
7.1 II	NTRODUCTION	76
7.2 CON	NCLUSIONS	76
7.3 R	RECOMMENDATIONS	78
7.4 L	IMITATIONS OF THE STUDY	79
7.5 S	UGGESTIONS FOR FUTURE STUDIES	80
7.6 S	UMMARY	80
LIST OF REFERENCES		
APPENDIX 01 85		
APPENDIX 02		
APPENDIX 03		