

TABLE OF CONTENT

ABSTRACT.....	i
<i>ABSTRAK</i>	iii
TABLE OF CONTENT	v
LIST OF FIGURE.....	viii
LIST OF TABLE	ix
CHAPTER 1 INTRODUCTION	1
1.1 Rationale	1
1.2 Theoretical Framework.....	2
1.3 Conceptual Framework / Paradigm.....	4
1.4 Statement of the Problem.....	7
1.5 Scope and Delimitation.....	7
1.6 Importance of the Study.....	7
CHAPTER 2 REVIEW OF LITERATURE AND STUDIES	8
2.1 Knowledge	8
2.1.1 Data, Information, and Knowledge.....	8
2.1.2 Kinds of Knowledge	9
2.1.3 Categories of Knowledge.....	10
2.1.4 Types of Knowledge	10
2.2 Knowledge Management	11
2.2.1 Knowledge and Learning Process.....	13
2.3 Knowledge Management System.....	14
2.3.1 Knowledge Management Life Cycle	18
2.3.2 Component of Knowledge Management System.....	19

2.3.3	Knowledge Management Technology Framework	20
CHAPTER 3 RESEARCH METHODOLOGY		22
3.1	Requirement Identification	22
3.1.1	Identify KMS Role.....	23
3.1.1.1	Vision and Mission	23
3.1.1.2	KMS Role	23
3.1.2	Analyze the Existing Infrastructure	26
3.1.3	Identify Documents Related to Production Process.....	31
3.2	Knowledge Management System Design	31
3.2.1	Design KM Infrastructure	32
3.2.2	Auditing Existing Knowledge Assets and Systems	34
3.2.3	Design KM Team.....	38
3.2.4	Creating KMS Blueprint	39
3.2.4.1.1	Repositories.....	39
3.2.4.1.2	Collaborative Platform.....	40
3.2.4.1.3	Network.....	44
3.2.4.1.4	Culture.....	44
3.2.4.2	Knowledge Capture.....	45
CHAPTER 4 IMPLEMENTATION ANALYSIS		52
4.1	Performance Analysis	52
4.1.1	KM Objectives	53
4.1.2	KM Initiatives.....	53
4.1.3	Measurement Key Metrics	54
4.1.3.1	System Measures.....	54
4.1.3.2	Output Measures	55
4.1.3.3	Outcome Measures.....	56

4.2	Knowledge Validation	58
CHAPTER 5 CONCLUSION AND RECOMENDATOIN		66
5.1	Conclusions.....	66
5.2	Recommendations.....	67
BIBLIOGRAPHY.....		68
APPENDIX A WORKING INSTRUCTION AND STANDARD OPERATING PROCEDURE DOCUMENTS.....		70
APPENDIX B KMS IMPLEMENTATION QUESTIONAIRE.....		108