

**ASSESSMENT OF KEY COMPETENCIES FOR
PROJECT MANAGERS IN CONSTRUCTION
PROJECTS**

**MASTER OF SCIENCE
IN
CONSTRUCTION PROJECT MANAGEMENT**

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ASSESSMENT OF KEY COMPETENCIES FOR PROJECT MANAGERS IN CONSTRUCTION PROJECTS

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TABLE OF CONTENTS

DECLARATION.....	ii
ACKNOWLEDGEMENTS.....	iii
TABLE OF CONTENTS.....	iv
LIST OF FIGURES.....	vi
LIST OF TABLES.....	vi
ABSTRACT.....	vii
CHAPTER ONE	1
1. INTRODUCTION TO THE RESEARCH	1
1.0. Background	1
1.1. Problem Statement	2
1.2. Structure of the dissertation	3
1.3. Research Objectives	3
1.4. Research Questions	4
1.5. Limitations of the Study	4
CHAPTER TWO	5
2. LITRITURE REVIEW ON PROJECT MANAGERS COMPTENCIES	5
2.1. Introduction	5
2.2. Evolution of Project Management	5
2.3. Definitions of Key Words	6
2.4. Role of the Modern Project Manager	8
2.5 Previous studies of project managers competencies	11
CHAPTER THREE	22
3. RESEARCH METHODOLOGY	22

3.1 Introduction.....	22
3.2. Formulation of questionnaire.....	22
3.3. Pearson Correlation analysis	24
3.4. One-way ANOVA analysis	25
CHAPTER FOUR.....	26
4. DATA ANALYSIS AND RESEARCH FINDINGS.....	26
4.1. Introduction.....	26
4.2. Analysis of the key competencies	30
4.3. Pearson Correlation Analysis	32
4.4. One-way ANOVA analysis.....	34
CHAPTER FIVE.....	38
5 CONCLUTION AND RECOMMENDATIONS.....	38
5.1 Introduction.....	38
5.2 Discussion: Competencies for a Project Manager in the arena of construction projects in Sri Lanka.....	38
5.3 Recommendation	40
5.4 Limitations to the study	41
REFERENCES.....	42

LIST OF FIGURES

Figure 1.1: Project Success Criteria.....	7
Figure 2.1 – Project Managers Skills.....	20
Figure 2.2 – Project Managers Skills.....	21
Figure 2.3 – The PMI Talent Triangle.....	21
Figure 3.1 – Competency relationship.....	24
Figure 4.1 – Respondent’s job positions	26
Figure 4.2 – Respondent's Experience as project manager.....	26
Figure 4.3 – Respondent’s Educational Background.....	27
Figure 4.4 – Respondent’s gender distribution.....	27
Figure 4.5 – Scatterplot Technical vs Leadership.....	33
Figure 4.6 – Scatterplot Technical vs Business.....	33
Figure 4.7 – Leadership vs Business.....	34
Figure 4.8 – 95% CI mean Technical competency rating with experience.....	35
Figure 4.9 – 95% CI mean Leadership competency rating with experience.....	36
Figure 4.10 – 95% CI mean Leadership competency rating with experience.....	37

LIST OF TABLES

Table 2.1 Skill of effective administrator.....	17
Table 2.2 Project managers skills.....	17
Table 2.3 Project managers skills.....	18
Table 2.4 Project managers skills.....	19
Table 3.1 Number of questions for test competencies.....	22
Table 3.2 Interpretation of Pearson Correlation	25
Table 4.1 Rating for Technical competency.....	28
Table 4.2 Rating for Strategic and Business management Competencies.....	28
Table 4.3 Rating for Leadership competency	29
Table 4.4 Means of leadership competencies.....	30
Table 4.5 Means of technical competencies.....	31
Table 4.6 Means of strategic and business competencies.....	31
Table 4.7 Relative score and Rank of Competency.....	32
Table 4.8 Correlation Analysis.....	32
Table 4.9 Technical competency vs Experience	34
Table 4.10 Leadership competency vs Experience	35
Table 4.9 Business competency vs Experience.....	36
Table 5.1 Key Competencies.....	38

LIST OF APPENDICES

Appendix A – Questionnaire survey.....	47
Appendix B- Competency summary.....	54

ABSTRACT

Purpose of this study was to identify the key competencies of a project manager who has the responsibility of project success. Literature survey was conducted to identify the Project Manager's competency profile towards project success.

Expert interviews were conducted to design the questionnaire survey and validate the competencies identified from the literature. Web-based questionnaire was circulated among Team Leaders, Project Directors, Project Managers and Engineers in Sri Lankan construction industry. They were requested to rank the 57 competencies for an effective project manager, based on their experience, 66 completed questioners were returned and used for analysis.

It was identified that Communication skill under the category of Leadership Competencies as the most important competency followed by Analytical thinking skill under the category of Technical Competency and Leadership skill under the category of Leadership Competencies. Results of this research can be used as a guideline to select project managers for projects as well to design training programs for project managers in order to develop their competencies.

Respondents perception of the ranking of competencies also evaluated, and results showed that there is a strong relationship between Technical and Leadership competencies. The analysis conducted to check the relationship between project managers work experience and their competency ranking found that the mean-variance was not significant.

Keywords: Project Management, Construction Industry, Competency, Sri Lanka