

**IMPACT OF FOREIGN CONTRACTORS ON
DEVELOPMENT OF SRI- LANKAN CONSTRUCTION
INDUSTRY
THROUGH TECHNOLOGY TRANSFER**

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University of Moratuwa, Sri Lanka.
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Degree of Master of Science

Department of Civil Engineering

University of Moratuwa

Sri Lanka

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DECLARATION

“I declare that this is my own work and this dissertation does not incorporate without acknowledgement any material previously submitted for a Degree of Diploma in any other University or institute of higher learning and to the best of my knowledge and belief it does not contain any material previously published or written by another person except where the acknowledgement is made in the text.

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Signature of the supervisor:

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Date:

DEDICATION

This dissertation is dedicated to my beloved parents, mother in law, my charming wife Mahesha, and my three kids Thenuka, Menuka and Vihansa, who have always been with me, in every hurdle I encountered.



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Sarath Bandara Dissanayaka


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ABSTRACT

Technology Transfer has been a subject of considerable interest to many groups, because of the close relationship between technology transfer and economic growth. It has aroused the interest of academic researchers.

Discussions on technology transfer (TT) in construction in the past have mainly focused on technology acquisition during the execution of projects involving an overseas party. The discussions enclosed how effectively the projects were executed and any benefits that accrued to the contracting partners from the foreign contractors.


This paper attempts to extend this discussion to the problems and prospects of International Technology Transfer within the domestic construction sector in order to boost domestic capacity.

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A comprehensive literature survey was conducted to highlight past and present situation of the construction industry in Sri Lanka. Questionnaire was primarily prepared in the form of interviewing parties related to the construction industry, by visiting the advisory services and Industry Development division at ICTAD, and interviews with senior officials at ICTAD registration rank C1, C2 and C3 contractors within the Colombo District.

The development of a construction industry of a certain country can be enhanced through the involvement of foreign construction firms. However, authors' initial investigations raised question is, whether the Sri Lankan construction industry is ready to acquire the possible construction technology through foreign firms. This paper identified enablers and barriers of technology transfer and suggested local construction industry to create a suitable condition to acquire construction technology more dynamically through foreign firms.

Keywords: *Technology Transfer, Contractor, Construction Industry*

TABLE OF CONTENT

DECLARATION	i
DEDICATION	ii
ACKNOWLEDGEMENT	iii
ABSTRACT	iv
TABLE OF CONTENTS	v
LIST OF FIGURES	viii
LIST OF TABLES	ix
CHAPTER 01 – INTRODUCTION	
1.1 General  University of Moratuwa, Sri Lanka. Electronic Theses & Dissertations	1
1.2 Objectives www.lib.mrt.ac.lk	6
1.3 Methodology	6
1.4 Structure of the Report	8
CHAPTER 02 – LITERATURE REVIEW	
2.1 Introduction	9
2.2 Technology Transfer	10
2.3 Technology Transfer as Enhancement of Capabilities	11
2.4 Technology capabilities & assessment	11

2.5	Technology components	13
2.6	Important Factors in International Technology Transfer	14
2.7	Brief History of Technology Development of Sri – Lanka	15
2.8	The role of the technology transfer in innovation within the construction industry	18
2.9	Factors influencing the development of the Sri Lankan construction industry	19
2.10	Government Incentives	20
2.11	Foreign Contractor's Involvement	21
2.12	Foreign Contractors Entry Modes	23
2.12.1	Foreign Direct Investment (FDI)	23
2.12.2	Joint Venture, Partners	23
2.12.3	Sub Contractor	23
2.13	Impact of Foreign Contractors	24
2.14	The Role of the Technology Consultant	26
2.15	Impact of Globalization	28
2.16	Summary of the Key Issues in Technology Transfer	30

CHAPTER 03 – METHODOLOGY OF STUDY

3.1	Introduction	31
3.2	Data Collection Method	31
3.2	Questionnaire Survey	32
3.4	Method of Data Analysis	33

CHAPTER 04 - ANALYSIS OF DATA AND DISCUSSION OF RESULTS

4.1	Introduction	34
4.2	Specimen calculation for Relative Impotent Index (RII)	34
4.3	Analysis of data and discussion of results	35



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CHAPTER 05 - CONCLUSION AND RECOMMENDATIONS

5.1	conclusion	54
5.2	Recommendations	56
	REFERENCE	58
	APPENDIX 1	
	Questionnaire	61

LIST OF FIGURES

	Page No.
Figure 1: Construction industry growth	16
Figure 2: Graphical depicting for query E-1	35
Figure 3: Graphical depicting for query E-2	37
Figure 4: Graphical depicting for query E-3	39
Figure 5: Graphical depicting for query E-4	41
Figure 6: Graphical depicting for query E-5	43
Figure 7: Graphical depicting for query E-6	45
Figure 8: Graphical depicting for query E-7	47
Figure 9: Graphical depicting for query E-8	49
Figure 10: Graphical depicting for query E-9	50
Figure 11: Graphical depicting for query E-10	52

LIST OF TABLES

	Page No.
Table 1: Involvement of Foreign Contractors in the Sir Lankan Construction Industry	25
Table 2: Advantages and Disadvantages of Globalization Considering Construction Industries in Developing Countries	29
Table 3: Relative Important Index for Query – E1	35
Table 4: Relative Important Index for Query – E2	37
Table 5: Relative Important Index for Query – E3	38
Table 6: Relative Important Index for Query – E4	40
Table 7: Relative Important Index for Query – E5	42
Table 8: Relative Important Index for Query – E6	44
Table 9: Relative Important Index for Query – E7	46
Table 10: Relative Important Index for Query – E8	49
Table 11: Relative Important Index for Query – E9	50
Table 12: Relative Important Index for Query – E10	51