

Table of Contents

Abstract.....	i
Table of Contents.....	iii
Index of Figures.....	ix
Index of Tables.....	x
List of Abbreviations.....	xi
I. Introduction.....	1
1. Research Problem and Relevance.....	1
2. Research Objectives and Scope.....	2
3. Structure of the Document.....	4
II. Bottom of the Pyramid Concept: Taking Stock.....	6
1. Background.....	6
2. Characteristics of the BOP Market.....	7
3. Business Strategies at the BOP.....	11
3.1. Challenges in doing business at the BOP.....	12
3.2. 4As Framework.....	15
3.3. Implications for the firm.....	20
4. Criticism of the BOP Approach.....	21
4.1. Overestimation of market size.....	21
4.2. Not benefiting, even harming the poor.....	22
4.3. Undermining the State's role in development and other alternatives to capitalism.....	23
4.4. MNCs not best fit to address the BOP.....	24
5. Current State of BOP Scholarship.....	25
5.1. Evolution of the BOP approach.....	25

5.2.	BOP approach and other tangential areas.....	25
6.	Why it is Interesting and Imperative to Conduct BOP Research	27
III.	Disruptive Innovations Theory	29
1.	Introduction	29
2.	Disruptive Innovation Theory.....	29
2.1.	Definition.....	29
2.2.	Extensions of the disruptive innovation theory.....	32
2.3.	Disruptive innovation in the context of technological discontinuities 36	
2.4.	Critique of disruptive innovation theory.....	37
3.	Challenges in Commercializing Disruptive Innovations.....	38
3.1.	Resource allocation processes:.....	40
3.2.	Inadequate market-facing organizational competency:	40
4.	Recommendation to Established Firms Seeking to Commercialize Disruptive Innovations	41
5.	Summary.....	42
IV.	Methodology and Research Process.....	43
1.	Introduction	43
2.	Methodology.....	43
2.1.	Context	43
2.2.	Rationale for case study research	44
3.	Research Process.....	45
3.1.	Case study selection	47
3.2.	Data collection	48
3.3.	Data analysis	49
4.	Quality and Reliability.....	50
V.	Study 1: BOP as a Source for Disruptive Innovations	51
1.	Introduction and Research Question	51

1.1.	Introduction	51
1.2.	Research question and methodology	52
2.	Embedding the BOP Phenomenon in Theory	53
2.1.	Linking disruptive innovation theory and BOP markets	53
2.2.	Interrelationship between frugal innovations, inclusive innovations, reverse innovations, Gandhian innovations and disruptive innovations..	55
3.	Empirical Context.....	61
3.1.	Healthcare challenges in India	62
3.2.	Case studies: Aravind Eye Care System and Narayana Hrudayalaya hospitals	63
4.	Analysis	71
4.1.	How are low-cost specialty hospital chains potentially disruptive?71	
4.2.	What are the drivers of their innovations?	77
4.3.	Short excursus: Reflections on the Lead User characteristics of AECS and NH.....	81
4.4.	Why is BOP an appropriate context for disruptive innovations? .	84
5.	Managerial implications and discussion.....	87
VI.	Study 2: Lessons from GE Healthcare: How Incumbents can Systematically Create Disruptive Innovations	89
1.	Introduction	89
2.	Theoretical Context.....	91
3.	Research Question and Methodology.....	93
3.1.	Research question	93
3.2.	Methodology.....	94
4.	Empirical Context.....	96
4.1.	GE Healthcare case study.....	96
4.2.	Characteristics of the value segment products.....	104
5.	Analysis	108

5.1.	Disruptive potential of GE Healthcare's value segment products	108
5.2.	Overcoming the innovator's dilemma	112
5.3.	Ambidexterity in action at GE Healthcare	120
5.4.	Other measures in combating the unfavorable characteristics of disruptive innovations.....	123
6.	Discussion.....	126
VII.	Study 3: Lessons from Tata: How Leadership can Drive Disruptive Innovations.....	129
1.	Introduction	129
2.	Theoretical Foundations.....	131
2.1.	Leadership and innovation.....	131
2.2.	Leadership and ambidexterity.....	135
3.	Research Question and Methodology	136
3.1.	Research question.....	136
3.2.	Methodology	137
4.	Empirical Context	138
4.1.	About Tata Group and Tata Chemicals	138
4.2.	Tata Swach project.....	139
5.	Analysis.....	149
5.1.	Disruptive potential of Tata Swach	149
5.2.	Role of senior leadership	152
5.3.	Differentiating and integrating: A process view of ambidexterity at Tata	157
6.	Discussion.....	163
VIII.	Addendum: Linking Paradox Resolution and Disruptive Innovations for the BOP	165
1.	Introduction	165
2.	Theoretical Foundations- Theory of Paradox	166

2.1.	What is a paradox?	166
2.2.	Pursuing social and financial goals - a performance paradox ..	168
3.	Empirical Context.....	169
4.	Analysis	172
5.	Discussion	174
IX.	Discussion of Findings and Conclusion.....	177
1.	Integration of Findings	177
1.1.	Overview	177
1.2.	Organizational conditions at established firms for pursuing disruptive innovations.....	178
2.	Theoretical Contributions	184
2.1.	BOP as a context for disruptive innovations	185
2.2.	Organizational ambidexterity and disruptive innovation theory	185
2.3.	Leadership and disruptive innovation theory	187
2.4.	Paradox theory	189
3.	Implications.....	190
3.1.	Managing disruptive innovations within established firms	190
3.2.	Policy implications for healthcare sector	192
4.	Limitations of the Research	194
5.	Future Research Agenda.....	195
6.	Conclusion	196
X.	Bibliography.....	198
XI.	Appendix.....	221
A.	Indian BOP innovations from studies by C.K. Prahalad	221
B.	Profiles of selected BOP innovations from India in the Healthcare Sector	223
C.	Interview list Study I.....	227
D.	Interview list Study II.....	228

E.	Interview list Study III and Addendum	229
F.	Interview Guidelines.....	230
XII.	Curriculum Vitae	236