# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>List of Tables</th>
<th>i-ii</th>
</tr>
</thead>
<tbody>
<tr>
<td>List of Figures/Charts</td>
<td>iii-iv</td>
</tr>
<tr>
<td>List of Abbreviations</td>
<td>v-vi</td>
</tr>
</tbody>
</table>

## CHAPTER 1: INTRODUCTORY BACKGROUND OF THE STUDY 1-25

1.0 INTRODUCTION 1

1.0.1 Public Sector Enterprise of India: An Overview 5

1.0.2 Cement Corporation of India: A Brief Profile 7

1.0.3 Appraisal of Financial Performance 9

1.2 SCOPE OF THE STUDY 11

1.3 OBJECTIVES OF THE STUDY 12

1.4 HYPOTHESES OF THE STUDY 12

1.5 RESEARCH METHODOLOGY OF THE STUDY 14

1.5.1 Sample of the Study 14

1.5.2 Nature and Sources of Data 15

1.5.3 Period of the study 15

1.5.4 Variables used in the study 15

1.5.5 Tools/Techniques Used in the Study 15

1.6 SIGNIFICANCE OF THE STUDY 20

1.7 LIMITATIONS OF THE STUDY 21

1.8 CHAPTERISATION SCHEME OF THE STUDY 21

REFERENCES 23

## CHAPTER 2: REVIEW OF LITERATURE 26-58

2.0 INTRODUCTION 26

2.1 STATEMENT OF PROBLEM 27

2.2 SPECIFIC REVIEW OF LITERATURE 28

2.3 GENERAL REVIEW OF LITERATURE 35

REFERENCES 51

## CHAPTER 3: AN OVERVIEW OF CEMENT INDUSTRY IN INDIA 59-83

3.0 INTRODUCTION 59

3.1 CEMENT INDUSTRY OF INDIA: AN OVERVIEW 61

3.2 ROLE OF CEMENT INDUSTRY IN INDIAN ECONOMY 68
3.3 PERFORMANCE OF CEMENT INDUSTRY OF INDIA 73
3.4 MAJOR PLAYERS OF CEMENT INDUSTRY IN INDIA 75

REFERENCES 80

CHAPTER 4: PROFILE OF CEMENT CORPORATION OF INDIA LIMITED 84-104

4.0 INTRODUCTION 84
4.1 CEMENT CORPORATION OF INDIA (CCI) LIMITED 84
   4.1.1 Evolution and Growth 84
   4.1.2 Products of CCI Ltd. 86
   4.1.3 Plants of Cement Corporation of India 88
   4.1.4 Vision of CCI Ltd. 91
   4.1.5 Mission of CCI Ltd. 91
4.2 PRESENT POSITION AND STRATEGIC INITIATIVE OF CEMENT CORPORATION OF INDIA 92
4.3 AWARDS WON BY CCI LTD. 94
4.4 SWOT ANALYSIS OF CCI LTD. 95
   4.4.1 Strengths & Weaknesses 95
   4.4.2 Opportunities & Threats 96
4.5 FINANCIAL HIGHLIGHTS OF CCI LTD. 97
4.6 CORPORATE GOVERNANCE OF CCI LTD. 100
4.7 CORPORATE SOCIAL RESPONSIBILITY OF CCI LTD. 101

REFERENCES 103

CHAPTER 5: CONCEPTUAL FRAMEWORK OF FINANCIAL PERFORMANCE APPRAISAL 105-141

5.0 INTRODUCTION 105
5.1 MEANING OF FINANCIAL STATEMENTS 106
5.2 MEANING OF FINANCIAL STATEMENT ANALYSIS 107
   5.2.1 Types of financial statements analysis 108
   5.2.2 Procedure of Financial Performance Appraisal 110
   5.2.3 Importance of Financial Analysis 111
   5.2.4 Limitations of Financial Analysis 112
5.3 TOOLS AND TECHNIQUES OF FINANCIAL PERFORMANCE 114
   5.3.1 Common Size Financial Statements Analysis 114
5.3.1.1 Common Size Balance Sheet 115
5.3.1.2 Common Size Income Statement 116
5.3.2 Comparative Financial Statements Analysis 116
5.3.2.1 Comparative Income Statement 116
5.3.2.2 Comparative Balance Sheet 118
5.3.3 Trend Analysis 118
5.3.4 Cash Flow Analysis 119
5.3.5 Fund Flow Analysis 119
5.3.6 Ratio Analysis 120
5.3.6.1 Meaning of Ratio Analysis 121
5.3.6.2 Advantages of Ratio Analysis 121
5.3.6.3 Limitations of Ratio Analysis 122
5.4 FUNCTIONAL CLASSIFICATION OF ACCOUNTING RATIOS 124
5.4.1 Liquidity Ratios 124
5.4.2 Profitability Ratios 125
5.4.3 Solvency Ratios 128
5.4.4 Turnover ratios 129
5.5 DUPONT ANALYSIS 131
5.5.1 Net Profit Margin 133
5.5.2 Asset Turnover 133
5.5.3 Equity Multiplier 134
5.6 ALTMAN Z SCORE MODEL 134
5.6.1 Interpretation of Variables used in Altman Z Score 135
REFERENCES 138

CHAPTER 6: DATA ANALYSIS AND INTERPRETATION 142-196

6.0 INTRODUCTION 142
6.1 FINANCIAL STATEMENTS ANALYSIS OF CCI LTD 142
6.1.1 Common Size Financial Statements Analysis 143
6.1.2 Comparative Statement Analysis of CCI Ltd.: Income Statement and Balance Sheet 148
6.1.3 Ratios Analysis of Cement Corporation of India Ltd. 152
6.1.3.1 Analysis of Liquidity Position of CCI Ltd. 152
6.1.3.2 Analysis of Solvency Position of CCI Ltd. 155
6.1.3.3 Analysis of Profitability Ratios of CCI Ltd. 157
6.1.3.4 Analysis of Turnover Ratios of CCI Ltd. 160

6.2 INDIAN CEMENT INDUSTRY AND CEMENT CORPORATION OF INDIA LTD: A COMPARATIVE ANALYSIS 163

6.3 DU-PONT ANALYSIS 177

6.4 ANALYSIS OF CCI Ltd. USING ALTMAN Z SCORE MODEL 180

6.5 RESULTS OF REGRESSION ANALYSIS 182

6.6 RESULTS OF PAIRED T-TEST 190

6.7 RESULT OF ONE SAMPLE T-TEST 192

REFERENCES 195

CHAPTER 7: FINDINGS, CONCLUSION AND SUGGESTIONS 197-218

7.0 INTRODUCTION 197

7.1 FINDINGS OF THE STUDY 197

7.1.1 Findings based on Common size balance sheet 197

7.1.2 Findings based on Common size Income statement 198

7.1.3 Findings based on Comparative Income Statement analysis of CCI Ltd. 200

7.1.4 Findings based on Comparative balance sheet analysis 200

7.1.5 Findings based on Ratio analysis 201

7.1.6 Findings based on comparison of financial ratios of CCI Ltd. with the Industry Averages 204

7.1.7 Findings based on DuPont Analysis 206

7.1.8 Findings Based on Regression Analysis 206

7.1.9 Findings based on Paired t-test (Impact of Financial Restructuring on Financial Performance of CCI Ltd.) 208

7.1.10 Findings based on Result of one sample t-test (Comparison of financial ratios of CCI Ltd with the industry averages ratio) 209

7.1.11 Findings based on Altman Z score analysis of CCI Ltd. 210

7.2 CONCLUSION BASED ON FINDINGS OF THE STUDY 211

7.3 SUGGESTIONS 214

7.3.1 Suggestions for improving the Liquidity position of CCI Ltd. 214

7.3.2 Suggestions for improving the Leverage/solvency position of CCI Ltd. 214
7.3.3 Suggestions for improving the management efficiency of CCI Ltd 215

7.3.4 Suggestions for improving the profitability of CCI Ltd. 216

7.3.5 Other suggestions 216

7.4 DIRECTIONS FOR FUTURE RESEARCH 217

BIBLIOGRAPHY 219-236

APPENDICES 237-249

PAPER