# CONTENTS

CHAPTER 1. INTRODUCTION  
1.1. Motivation of the study  
  1.1.1. Sustainability issues  
1.2. Theoretical point of view  
1.3. Theoretical framework  
1.4. Choice of research area and overall data collection strategy  
1.5. Overview of research methodology  
1.6. Thesis structure overview

CHAPTER 2. LITERATURE REVIEW  
2.1. Introduction  
2.2. Auto-component supply chain  
2.3. Sustainable supply chain management practices and theories  
  2.3.1. Resource based view theory  
  2.3.2. Institutional theory  
2.4. Variables of sustainable supply chain management  
  2.4.1. Coercive pressure  
  2.4.2. Mimetic pressure  
  2.4.3. Normative pressure  
  2.4.4. Top management belief  
  2.4.5. Top management participation  
  2.4.6. Supply chain information sharing  
  2.4.7. Supply chain connectivity  
2.5. Sustainable supply chain performance  
  2.5.1. Economic performance  
  2.5.2. Environment performance  
  2.5.3. Social performance  
2.6. Review of focus areas and techniques
2.7. Research gaps 32
2.8. Research questions 35
2.9. Research objectives 36
2.10. Chapter summary 36

CHAPTER 3. THEORETICAL FRAMEWORK 39
3.1. Theoretical framework 40
3.2. Hypothesis development 42
  3.2.1. Linkage between coercive pressure and top management belief 43
  3.2.2. Top management belief and top management participation linkage 43
  3.2.3. Coercive pressure and top management participation linkage 44
  3.2.4. Linkage between normative pressure and TMP 44
  3.2.5. Mimetic pressure and TMP linkage 45
  3.2.6. Linkage between TMP and supply chain connectivity 45
  3.2.7. TMP and quality of information sharing linkage 46
  3.2.8. Linkage between SCC and supply chain performance 46
  3.2.9. SCIS and sustainable supply chain performance 47
3.3. Chapter summary 47

CHAPTER 4. RESEARCH DESIGN 50
4.1. Introduction 50
4.2. Research process 50
4.3. Hypotheses developed 52
4.4. Construct operationalization 56
4.5. Measurement instrument development 59
  4.5.1. Questionnaire development 59
  4.5.2. Testing of questionnaire 61
    4.5.2.1. Validity test of the questionnaire 61
    4.5.2.2. Reliability test of the questionnaire 63
    4.5.2.3. Final questionnaire 64
4.6. Sampling plan 64
4.6.1. Sampling firm identification 66
4.6.2. Data collection 66
4.7. Data adequacy assessment 67
4.8. Non-response bias test 67
4.9. Research tools for data analysis 68
4.10. Chapter summary 69

CHAPTER 5. DATA ANALYSES AND FINDINGS 71
5.1. Introduction 71
5.2. Data analysis 72
5.2.1. Preliminary statistical analysis 73
5.2.1.1. Linearity 73
5.2.1.2. Normality 74
5.2.1.3. Homoscedasticity 76
5.3. Discussions 77
5.3.1. Common method bias and model fit indices 81
5.3.2. Causality assessment 82
5.3.3. Model validation results 83
5.3.4. Assessing prediction accuracy 87
5.4. Hypotheses test results 87
5.5. Chapter summary 90

CHAPTER 6. DISCUSSION OF RESULTS AND FUTURE RESEARCH DIRECTIONS 92
6.1. Introduction 92
6.2. Key findings from the research 92
6.2.1. Variables of sustainable supply chain performance 93
6.3. Findings from data analysis 94
6.3.1. Findings from quantitative analysis 94
6.3.1.1. Findings from confirmatory factor analysis 94
6.3.1.2. Findings from hypothesis testing 95
6.4. Research contributions 96
6.4.1. Theoretical contribution to existing supply chain literature 97
6.4.2. Contributions to tier-1 Indian auto component industry 97
6.4.3. Managerial implications 99
6.4.4. Limitations of the study 100
6.4.5. Future research directions 101
6.4.6. Chapter summary 101

References 104
Appendix I: Questionnaire of the study 147
Research Publications 152