

## TABLE OF CONTENTS

|                                                         |              |
|---------------------------------------------------------|--------------|
| <b>UNDERGRADUATE THESIS APPROVAL .....</b>              | <b>ii</b>    |
| <b>UNDERGRADUATE THESIS EXAMINATION APPROVAL .....</b>  | <b>iii</b>   |
| <b>UNDERGRADUATE THESIS ORIGINALITY STATEMENT .....</b> | <b>iv</b>    |
| <b>MOTTO AND DEDICATION.....</b>                        | <b>v</b>     |
| <b>ABSTRACT .....</b>                                   | <b>vi</b>    |
| <b>ABSTRAK .....</b>                                    | <b>vii</b>   |
| <b>ACKNOWLEDGEMENTS.....</b>                            | <b>viii</b>  |
| <b>TABLE OF CONTENTS.....</b>                           | <b>xiii</b>  |
| <b>LIST OF TABLES .....</b>                             | <b>xvi</b>   |
| <b>LIST OF FIGURES .....</b>                            | <b>xvii</b>  |
| <b>LIST OF APPENDICES .....</b>                         | <b>xviii</b> |
| <b>CHAPTER I INTRODUCTION.....</b>                      | <b>1</b>     |
| 1.1 Background of the Problem.....                      | 1            |
| 1.2 Problem Formulation.....                            | 6            |
| 1.3 Research Objectives and Significance.....           | 7            |
| 1.3.1 Research Objectives.....                          | 7            |
| 1.3.2 Research Significance.....                        | 7            |
| 1.4 Thesis Outline.....                                 | 9            |
| <b>CHAPTER II LITERATURE REVIEW.....</b>                | <b>11</b>    |
| 2.1 Theoretical Background .....                        | 11           |
| 2.1.1 Stakeholder Theory.....                           | 11           |
| 2.1.2 Resource-Based View (RBV).....                    | 13           |
| 2.1.3 Innovation Theory.....                            | 15           |
| 2.1.4 Green Intellectual Capital .....                  | 17           |
| 2.1.5 Business Strategy .....                           | 18           |
| 2.1.6 ESG Performance .....                             | 19           |
| 2.1.7 Green Innovation .....                            | 20           |
| 2.2 Prior Research .....                                | 21           |
| 2.3 Conceptual Framework .....                          | 26           |

|                                                                                                                                  |           |
|----------------------------------------------------------------------------------------------------------------------------------|-----------|
| 2.4 Hypotheses Development.....                                                                                                  | 30        |
| 2.4.1 Green Intellectual Capital on ESG Performance .....                                                                        | 30        |
| 2.4.2 Business Strategy on ESG Performance .....                                                                                 | 35        |
| 2.4.3 Green Innovation on ESG Performance .....                                                                                  | 36        |
| 2.4.4 The Mediating Role of Green Innovation in the Relationship between<br>Green Intellectual Capital and ESG Performance ..... | 37        |
| 2.4.5 The Mediating Role of Green Innovation in the Relationship between<br>Business Strategy and ESG Performance .....          | 41        |
| <b>CHAPTER III RESEARCH METHODOLOGY .....</b>                                                                                    | <b>43</b> |
| 3.1 Operational Definitions and Measurement of Variables .....                                                                   | 43        |
| 3.1.1 Independent Variables .....                                                                                                | 43        |
| 3.1.2 Dependent Variable .....                                                                                                   | 48        |
| 3.1.3 Mediating Variable .....                                                                                                   | 49        |
| 3.2 Population and Sample .....                                                                                                  | 51        |
| 3.3 Type and Source of Data .....                                                                                                | 52        |
| 3.4 Data Collection Methods.....                                                                                                 | 53        |
| 3.5 Data Analysis Methods .....                                                                                                  | 53        |
| 3.5.1 Descriptive Statistics.....                                                                                                | 54        |
| 3.5.2 Panel Data Regression .....                                                                                                | 54        |
| 3.5.3 Classical Assumption Tests .....                                                                                           | 61        |
| 3.5.4 Hypothesis Testing .....                                                                                                   | 63        |
| <b>CHAPTER IV RESULTS AND DISCUSSION .....</b>                                                                                   | <b>67</b> |
| 4.1 Description of the Research Object.....                                                                                      | 67        |
| 4.2 Data Analysis .....                                                                                                          | 68        |
| 4.2.1 Descriptive Statistics.....                                                                                                | 68        |
| 4.2.2 Panel Data Regression Model Selection Tests .....                                                                          | 70        |
| 4.2.3 Panel Data Regression .....                                                                                                | 75        |
| 4.2.4 Classical Assumption Tests .....                                                                                           | 78        |
| 4.2.5 Hypothesis Testing .....                                                                                                   | 83        |
| 4.3 Discussion of Results .....                                                                                                  | 94        |
| 4.3.1 Green Intellectual Capital on ESG Performance .....                                                                        | 94        |

|                                                                                                                                  |            |
|----------------------------------------------------------------------------------------------------------------------------------|------------|
| 4.3.2 Business Strategy on ESG Performance .....                                                                                 | 100        |
| 4.3.3 Green Innovation on ESG Performance .....                                                                                  | 103        |
| 4.3.4 The Mediating Role of Green Innovation in the Relationship between<br>Green Intellectual Capital and ESG Performance ..... | 104        |
| 4.3.5 The Mediating Role of Green Innovation in the Relationship between<br>Business Strategy and ESG Performance .....          | 110        |
| <b>CHAPTER V CONCLUSION .....</b>                                                                                                | <b>113</b> |
| 5.1 Conclusions .....                                                                                                            | 113        |
| 5.2 Limitations.....                                                                                                             | 117        |
| 5.3 Suggestions.....                                                                                                             | 117        |
| <b>REFERENCES.....</b>                                                                                                           | <b>118</b> |
| <b>APPENDICES .....</b>                                                                                                          | <b>124</b> |

