

INDEX

| | | |
|---|---|----------------|
| CHAPTER- I INTRODUCTION | | 1 – 22 |
| 1.1 | Research Background | 1 |
| 1.2 | Research Problem | 21 |
| 1.3 | Aim and Objectives | 21 |
| 1.4 | Contribution of the Study | 21 |
| 1.5 | Thesis structure | 22 |
| CHAPTER- II REVIEW OF LITERATURE | | 23 - 47 |
| 2.1 | Introduction | 23 |
| 2.2 | Overview of Crude Oil | 24 |
| | 2.2.1 Uses of Crude Oil | 25 |
| | 2.2.2 Studies Relating to Crude Oil and Its Uses | 28 |
| 2.3 | Importance of Crude Oil in the Global Energy Landscape | 30 |
| 2.4 | Alternative Energy Sources | 35 |
| 2.5 | Influence of Crude Oil and Alternative Energy Sources on the Indian Economy | 37 |
| | 2.5.1 Impact of Crude Oil on the Indian Economy | 37 |
| | 2.5.2 Effect of Alternative Energy Sources on the Indian Economy | 39 |
| 2.6 | Indian Energy Sector | 40 |
| | 2.6.1 Growth of the Energy Sector in India | 43 |
| 2.7 | Research Gap | 44 |
| 2.8 | Conceptual framework | 46 |
| CHAPTER-III RESEARCH METHODOLOGY | | 48 – 59 |
| 3.1 | Introduction | 48 |
| 3.2 | Research Paradigm | 49 |
| | 3.2.1 Choosing a Research Paradigm | 50 |
| | 3.2.2 Justification for Adopting Positivism | 51 |
| 3.3 | Research Approach | 51 |
| | 3.3.1 Qualitative Research Approach | 51 |
| | 3.3.2 Quantitative Research Approach | 52 |
| | 3.3.3 Justification for Using the Quantitative Method | 52 |

| | | |
|---|---|------------------|
| 3.4 | Research Design | 53 |
| | 3.4.1 Descriptive Research Design | 53 |
| | 3.4.2 Exploratory Research Design | 53 |
| | 3.4.3 Explanatory Research Design | 54 |
| | 3.4.4 Justification for Using a Descriptive Research Design | 54 |
| 3.5 | Data Collection Method | 55 |
| 3.6 | Population and Sampling | 56 |
| | 3.6.1 Target Population | 56 |
| | 3.6.2 Sampling Design | 57 |
| | 3.6.3 Sample Size Determination | 57 |
| 3.7 | Data Analysis and Interpretation | 57 |
| | 3.7.1 Data Analysis Method | 57 |
| 3.8 | Ethical Consideration | 59 |
| CHAPTER- IV DATA ANALYSIS | | 60 - 82 |
| CHAPTER- V RESULTS AND DISCUSSION | | 83 – 91 |
| 5.1 | Introduction | 83 |
| 5.2 | Discussion on Statistical Data | 83 |
| CHAPTER - VI CONCLUSIONS AND RECOMMENDATIONS | | 92 – 102 |
| 6.1 | Major Findings | 92 |
| 6.2 | Recommendations | 92 |
| 6.3 | Limitations | 93 |
| 6.4 | Further Research | 94 |
| REFERENCES | | 103 - 117 |
| APPENDIX | | 118 - 122 |
| PUBLICATIONS | | |
| CERTIFICATES | | |

LIST OF TABLE

| Table No. | Particulars | Page No. |
|------------------|---------------------------------|-----------------|
| 4.1 | Gender | 61 |
| 4.2 | Age group | 62 |
| 4.3 | Work Experience | 63 |
| 4.4 | Annual income | 64 |
| 4.5 | Reliability Statistics | 65 |
| 4.6 | Survey on crude oil prices | 65 |
| 4.7 | Energy import dependence | 67 |
| 4.8 | Economic growth | 69 |
| 4.9 | Alternative energy adoption | 71 |
| 4.10 | Environmental impact | 73 |
| 4.11 | Regional and sectoral variation | 75 |
| 4.12 | Policy framework | 77 |
| 4.13 | Correlations | 79 |
| 4.14 | Model summary | 80 |
| 4.15 | ANOVA Table | 80 |
| 4.16 | Correlations | 81 |
| 4.17 | Correlations | 81 |
| 4.18 | Model summary | 82 |
| 4.19 | ANOVA ^a | 82 |

LIST OF FIGURE

| Fig. No. | Particulars | Page No. |
|-----------------|--|-----------------|
| 2.1 | Impact of crude-oil prices on energy import in India | 46 |
| 4.1 | Gender shown percentage of Male & Female | 61 |
| 4.2 | Age group | 62 |
| 4.3 | Work experience | 63 |
| 4.4 | Annual income | 64 |
| 4.5 | Crude oil prices | 66 |
| 4.6 | Energy import dependence | 68 |
| 4.7 | Economic growth | 70 |
| 4.8 | Alternative energy adoption | 72 |
| 4.9 | Environmental impact | 74 |
| 4.10 | Regional and sectoral variation | 76 |
| 4.11 | Policy framework | 78 |