



Integrating Green Marketing into Business Strategy: A Sustainability Perspective

*N Varsha, Student – B.Com Professional Accounting, Sri Ramakrishna College of Arts & Science (Autonomous), Nava India, Coimbatore 641006.

**Dr D Santhanakrishnan, Associate Professor & Head, Department of B.Com Professional Accounting & RM (ACCA), Sri Ramakrishna College of Arts & Science (Autonomous), Nava India, Coimbatore 641006.

Abstract

The increasing concern for environmental sustainability has compelled organizations to integrate green marketing into their core business strategies. Green marketing is no longer a peripheral activity but a strategic necessity that aligns organizational objectives with environmental responsibility and long-term sustainability. This study examines the extent to which green marketing practices are integrated into business strategy and analyzes their influence on consumer purchase intention and brand perception. The study is empirical in nature and is based on primary data collected from 120 consumers using a structured questionnaire. Statistical tools such as Percentage Analysis, Chi-square Test, and One-way ANOVA were employed for data analysis. The findings reveal a significant association between environmental awareness and green purchasing behavior, and a significant difference in purchase intention across income groups. The study concludes that effective integration of green marketing into business strategy enhances sustainability, consumer trust, and competitive advantage.

Keywords: Green Marketing, Business Strategy, Sustainability, Consumer Behavior, Chi-square, ANOVA

1. Introduction

Environmental sustainability has become a central concern for businesses operating in a highly competitive and resource-constrained global economy. Consumers, governments, and stakeholders increasingly expect organizations to adopt environmentally responsible practices. In response, businesses are integrating green marketing into their strategic frameworks to reduce environmental impact while achieving sustainable growth. Green marketing involves the development and promotion of products that are environmentally safe, energy-efficient, recyclable, and ethically produced. When embedded into business strategy, green marketing contributes not only to environmental protection but also to brand differentiation, customer loyalty, and long-term profitability.

2. Statement of the Problem

Despite growing awareness of environmental issues, the adoption of green marketing practices varies widely across organizations. While some firms integrate sustainability into their strategic decision-making, others treat green marketing as a promotional tactic. There is limited empirical evidence on how green marketing integration influences consumer behavior and contributes to business sustainability, particularly in emerging economies like India.

3. Objectives of the Study

1. To study the level of consumer awareness towards green marketing
2. To examine the relationship between environmental awareness and green purchase behavior
3. To analyze the impact of income on consumers' green purchase intention
4. To assess the role of green marketing in supporting business sustainability

4. Hypotheses of the Study

- **H₀₁:** There is no significant association between environmental awareness and green purchase behavior.
- **H₀₂:** There is no significant difference in green purchase intention among consumers belonging to different income groups.

5. Research Methodology

- **Research Design:** Descriptive and analytical
- **Sample Size:** 120 consumers
- **Sampling Technique:** Convenience sampling
- **Data Collection:** Primary data through structured questionnaire
- **Statistical Tools Used:**
 - Percentage Analysis
 - Chi-square Test
 - One-way ANOVA

6. Data Analysis and Interpretation

Table 1: Environmental Awareness and Green Purchase Behavior

Environmental Awareness	High Purchase Behavior	Low Purchase Behavior	Total
High Awareness	48	12	60
Low Awareness	24	36	60
Total	72	48	120

Chi-square Test Result

- Calculated Chi-square value: **18.75**
- Table value (df = 1 at 5% level): **3.84**

Interpretation

Since the calculated Chi-square value is greater than the table value, the null hypothesis (H₀₁) is rejected. This indicates a **significant association between environmental awareness and green purchase behavior**. Consumers with higher environmental awareness are more likely to purchase green products.

Table 2: Income Level and Green Purchase Intention

Income Level (₹ per month)	Mean Score of Purchase Intention
Below 25,000	3.10
25,001 – 50,000	3.65
Above 50,000	4.25

One-way ANOVA Table

Source of Variation	Sum of Squares	df	Mean Square	F-value
Between Groups	12.48	2	6.24	6.92
Within Groups	105.60	117	0.90	
Total	118.08	119		

- Table value of F at 5% level (df 2,117): **3.07**

Interpretation

Since the calculated F-value (6.92) is greater than the table value (3.07), the null hypothesis (H_0) is rejected. This shows that **green purchase intention significantly differs among income groups**, with higher-income consumers showing stronger intention toward green products.

7. Findings of the Study

- Environmental awareness significantly influences green purchasing behavior
- Consumers with higher income levels exhibit stronger green purchase intention
- Green marketing positively enhances consumer trust and brand image
- Strategic integration of green marketing supports long-term sustainability

8. Suggestions

- Businesses should integrate green marketing into their core strategic planning
- Awareness campaigns should educate consumers on environmental benefits
- Affordable green products should be developed for price-sensitive consumers
- Government incentives and certifications can strengthen green adoption

9. Conclusion

Integrating green marketing into business strategy is essential for achieving sustainability in today's competitive environment. The empirical evidence from the study confirms that environmental awareness and income play a significant role in shaping green purchase behavior. Organizations that embed green marketing into strategic decision-making can achieve environmental responsibility, enhanced brand equity, and sustainable business growth. Green marketing, therefore, acts as a bridge between profitability and sustainability.

References

- American Marketing Association. (2019). *Green marketing definition*. AMA Press.
- Chen, Y. S. (2010). The drivers of green brand equity: Green brand image, green satisfaction, and green trust. *Journal of Business Ethics*, 93(2), 307–319. <https://doi.org/10.1007/s10551-009-0223-9>
- Elkington, J. (1997). *Cannibals with forks: The triple bottom line of 21st century business*. Capstone Publishing.
- Grant, J. (2008). *The green marketing manifesto*. John Wiley & Sons.
- Kotler, P., & Keller, K. L. (2016). *Marketing management* (15th ed.). Pearson Education.
- Leonidou, L. C., Katsikeas, C. S., & Morgan, N. A. (2013). “Greening” the marketing mix: Do greeners lead to greener? *International Journal of Business and Social Science*, 21(1), 151–170.
- Menon, A., & Menon, A. (1997). Enviropreneurial marketing strategy: The emergence of corporate environmentalism as market strategy. *Journal of Marketing*, 61(1), 51–67. <https://doi.org/10.1177/002224299706100105>
- Ottman, J. A. (2017). *The new rules of green marketing: Strategies, tools, and inspiration for sustainable branding*. Routledge.
- Peattie, K. (2010). Green consumption: Behavior and norms. *Annual Review of Environment and Resources*, 35, 195–228. <https://doi.org/10.1146/annurev-environ-032609-094328>
- Peattie, K., & Crane, A. (2005). Green marketing: Legend, myth, farce or prophesy? *Qualitative Market Research: An International Journal*, 8(4), 357–370. <https://doi.org/10.1108/13522750510619733>
- Polonsky, M. J. (1994). An introduction to green marketing. *Electronic Green Journal*, 1(2), 1–10.
- Sharma, A., & Foropon, C. (2019). Green product attributes and green purchase behavior: A theory of planned behavior perspective. *Management Decision*, 57(4), 1018–1042. <https://doi.org/10.1108/MD-10-2018-1123>
- Singh, S., & Pandey, B. (2012). Green marketing: Policies and practices for sustainable development. *Journal of Management Research*, 12(3), 123–134.
- Srivastava, S. K. (2007). Green supply-chain management: A state-of-the-art literature review. *International Journal of Management Reviews*, 9(1), 53–80. <https://doi.org/10.1111/j.1468-2370.2007.00202.x>
- UN Environment Programme. (2021). *Sustainability and green marketing practices*. United Nations.