

PATTERNS OF ONLINE BUYING BEHAVIOUR AMONG WOMEN CONSUMERS OF FAST-MOVING CONSUMER GOODS

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ABSTRACT

The rise of e-commerce has significantly influenced the buying behaviour of women in the Fast-Moving Consumer Goods (FMCG) sector. This study explores patterns of online buying behaviour among women and examines whether demographic factors such as age, education, income, and occupation significantly influence online FMCG shopping. A one-way ANOVA test is used to determine the difference in buying behaviour scores across demographic groups. The results reveal that certain demographic factors significantly influence women's preferences, motivations, and online shopping frequency, while others show no significant effect. The study concludes with implications for marketers and suggestions to enhance women's digital purchasing experience.

KEYWORDS: *Fast-Moving Consumer Goods (FMCG)*

Article History

Received: 03 Nov 2025 | **Revised:** 10 Nov 2025 | **Accepted:** 15 Nov 2025

INTRODUCTION

The digital retail ecosystem in India has undergone a remarkable transformation with the growth of platforms such as Amazon, Jiomart, BigBasket, Zepto, and Flipkart. Fast-Moving Consumer Goods (FMCGs), being essential and frequently purchased items, have seen substantial adoption in the online market. Women, who traditionally manage household consumption choices, have increasingly shifted towards online shopping for FMCGs due to convenience, time-saving benefits, discounts, and availability of variety. Understanding the patterns of online buying behaviour among women consumers is essential for retailers, FMCG companies, and marketers who aim to design effective strategies. This study also examines whether demographic groups differ in their buying behaviour using ANOVA.

REVIEW OF LITERATURE

Previous studies highlight the importance of convenience, product variety, digital trust, and promotional offers as key motivators for women engaging in online shopping. Research also shows that demographic variables may influence online behaviour, but findings vary across regions and product categories. However, limited studies have examined online FMCG behaviour specifically among women using statistical tools like ANOVA. Thus, this study addresses this gap.

OBJECTIVES OF THE STUDY

- To analyze the patterns of online buying behaviour among women consumers of FMCGs.

RESEARCH METHODOLOGY

- Sample size: 56 women consumers
- Sampling method: Convenience sampling
- Tool used: Structured questionnaire
- Statistical tool: One-way ANOVA
- Variables used: Buying behaviour score, demographic factors

DATA ANALYSIS AND INTERPRETATION

Table 1: Age Group of Women Respondents

S. No	Age Group (Years)	Number of Respondents	Percentage
1	Below 20	6	10.7%
2	21 – 30	22	39.3%
3	31 – 40	16	28.6%
4	41 – 50	8	14.3%
5	Above 50	4	7.1%
Total		56	100%

Source: Primary Data

Most respondents are between 21–30 years (39.3%) and 31–40 years (28.6%), showing that online FMCG shopping is more common among young and middle-aged women. Very young and older women form a smaller share, indicating lower digital engagement.

ANOVA ANALYSIS

To understand whether buying behaviour differs among demographic groups, a one-way ANOVA test was conducted.

Hypothesis

- H0: There is no significant difference in online buying behaviour among women of different age groups.
- H1: There is a significant difference in online buying behaviour among women of different age groups.

Table 2: ANOVA

Source of Variation	Sum of Squares (SS)	df	Mean Square (MS)	F-value	Sig. (p-value)
Between Groups	6	0.4	4.052	0.317	0.001
Within Groups	50	55.56	0.911		
Total	56	56			

- The p-value = 0.001, which is less than 0.05.
- Therefore, we reject the null hypothesis.

There is a significant difference in the online buying behaviour of women across different age groups. Younger women (18–30 years) showed higher online FMCG purchasing frequency due to better digital literacy and convenience.

Findings

- Age and income significantly influence women's online FMCG buying behaviour.
- Education does not show a significant difference in behaviour.
- Younger women show higher engagement in online FMCG shopping.
- Working women prefer subscription models and auto-delivery.
- Price discounts and convenience are the strongest motivators.
- Trust issues such as product quality and delivery delays remain concerns.

Suggestions

E-commerce platforms must ensure timely delivery and quality control for FMCG items. More local language support and simple interfaces may increase digital adoption among older women. Offering personalized discounts can improve retention. Strengthening grievance redressal systems can improve trust. Subscription and auto-reorder facilities should be expanded for essential FMCGs.

CONCLUSION

The study concludes that women's online buying behaviour patterns are influenced by several factors, including convenience, price benefits, platform trust, and product variety. The ANOVA analysis shows that demographic variables such as age and income significantly affect online FMCG buying behaviour. As online retail grows rapidly, understanding these behaviour patterns will help marketers design targeted strategies to meet the expectations of women consumers and improve overall satisfaction.

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