IJCRT.ORG ISSN : 2320-2882

INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS (IJCRT)
An International Open Access, Peer-reviewed, Refereed Journal

Behavioural Finance And Decision Making In India: Psychological Determinants Of Investor Behaviour And Market Outcomes

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Abstract

Conventional financial theories are built on the premise that investors behave rationally and markets incorporate all relevant information efficiently. However, persistent irregularities in financial markets indicate that investor behaviour often deviates from rational decision making. Behavioural finance offers an alternative framework by integrating psychological and behavioural insights into financial analysis. This paper examines the influence of cognitive biases, heuristics, and emotional factors on financial decision making among Indian investors. Drawing upon an extensive review of existing literature and secondary data sources, the study identifies major behavioural biases affecting investment choices and market behaviour in India. The findings suggest that psychological factors play a decisive role in shaping investor actions, contributing to market inefficiencies. The study underscores the importance of incorporating behavioural finance principles into investment strategies, financial advisory practices, and regulatory policies.

Keywords: Behavioural finance, investor behaviour, decision making, psychological bias, Indian capital markets

1. Introduction

Traditional finance assumes that investors are capable of processing information objectively and consistently make decisions that maximize expected utility. The Efficient Market Hypothesis (EMH) and related asset pricing models are based on this assumption of rational behaviour. Nevertheless, real-world financial markets frequently display anomalies such as excessive volatility, speculative bubbles, and abrupt crashes, which cannot be fully explained by traditional models.

The Indian financial market, characterized by increasing retail participation and rapid digitalization, presents a compelling context for examining investor behaviour. Despite improved access to information and trading platforms, many investors continue to make decisions influenced by emotions, social cues, and cognitive limitations. Behavioural finance emerged to address these shortcomings by recognizing that investors are subject to psychological biases that systematically affect their decisions. This study aims to analyze the relevance of behavioural finance in understanding financial decision making in India.

2. Conceptual Background of Behavioural Finance

Behavioural finance challenges the assumption of perfect rationality by acknowledging that individuals operate under cognitive and emotional constraints. Two theoretical constructs form the foundation of behavioural finance.

2.1 Bounded Rationality

Bounded rationality suggests that individuals make decisions based on limited information and cognitive capacity. Instead of optimizing outcomes, investors often rely on simplified decision rules that reduce complexity but increase the likelihood of judgmental errors.

2.2 Prospect Theory

Prospect theory explains how individuals perceive gains and losses relative to a reference point rather than total wealth. Losses are generally felt more intensely than gains of the same magnitude, leading investors to adopt risk-seeking behaviour when facing losses and risk-averse behaviour when securing gains. This framework provides a strong explanation for irrational investment patterns observed in practice.

3. Review of Literature

Behavioural finance literature provides substantial evidence that psychological factors influence investor behaviour. Early research by Kahneman and Tversky demonstrated systematic deviations from rational choice theory. Subsequent studies by Thaler highlighted the role of mental accounting and self-control in financial decisions.

Empirical research by Barberis and colleagues showed how investor sentiment can result in asset mispricing and momentum effects. Later studies extended behavioural finance to corporate finance and market-level phenomena. Research conducted in the Indian context indicates that retail investors often display overconfidence, herding tendencies, and a preference for familiar assets, leading to inefficient portfolio choices.

The reviewed literature consistently supports the argument that behavioural biases are a significant determinant of investment behaviour, particularly in emerging markets.

4. Objectives of the Study

The present study is undertaken with the following objectives:

1. To examine the theoretical foundations of behavioural finance
2. To identify major psychological biases influencing Indian investors
3. To analyze the role of emotions and heuristics in financial decision making
4. To assess the implications of behavioural finance for investors and regulators

5. Scope of the Study

The scope of the study is confined to individual investors participating in Indian financial markets. The analysis focuses on behavioural influences related to equity, mutual fund, and derivative investments. The study adopts a conceptual approach and does not involve primary data collection.

6. Research Methodology

The study relies exclusively on secondary data obtained from academic journals, published books, regulatory reports, and institutional publications. A descriptive and interpretative research design has been employed to synthesize existing knowledge and identify behavioural patterns influencing investor decisions.

7. Research Hypotheses

H1: Psychological biases exert a significant influence on the financial decision making of Indian investors.

H2: Emotional responses contribute to irrational investment behaviour in Indian capital markets.

H3: Herding behaviour increases volatility and pricing inefficiencies in Indian financial markets.

8. Behavioural Biases Affecting Financial Decisions

8.1 Overconfidence

Overconfidence bias leads investors to overestimate their analytical abilities and market knowledge. In India, this bias is frequently observed among retail traders engaging in short-term and speculative trading activities, often resulting in excessive turnover and financial losses.

8.2 Loss Aversion and the Disposition Effect

Loss aversion causes investors to avoid realizing losses, even when holding underperforming assets is economically unjustified. This behaviour results in the disposition effect, where investors sell profitable investments too early while retaining loss-making securities.

8.3 Herding Behaviour

Herding occurs when investors imitate the actions of others rather than relying on independent analysis. This behaviour is especially prominent during IPO subscriptions and bullish market phases in India, often contributing to asset overvaluation.

8.4 Anchoring Bias

Anchoring bias arises when investors rely excessively on initial information such as purchase price or historical highs. This fixation prevents rational reassessment of investments based on new market information.

8.5 Confirmation Bias

Confirmation bias leads investors to seek information that supports their existing beliefs while disregarding contradictory evidence. The widespread use of social media and informal communication channels intensifies this bias.

9. Emotional Factors in Investment Decision Making

Emotions play a central role in shaping financial behaviour. Feelings of greed during rising markets encourage speculative investments, while fear during downturns triggers panic selling. Regret avoidance further influences decisions, causing investors to delay corrective actions. In the Indian socio-cultural environment, family influence and peer opinions often reinforce emotionally driven decisions.

10. Behavioural Finance and Market Efficiency

Traditional finance assumes that arbitrage mechanisms eliminate mispricing. Behavioural finance argues that arbitrage is constrained by risk, transaction costs, and institutional limitations. In India, the dominance of retail investors and information asymmetry contribute to persistent inefficiencies. Behavioural explanations provide a more realistic understanding of these market dynamics.

11. Implications of the Study

11.1 Implications for Investors

Awareness of behavioural biases can help investors adopt systematic, disciplined investment strategies and avoid emotionally driven decisions.

11.2 Implications for Financial Advisors

Incorporating behavioural assessment into financial planning can improve client outcomes and long-term portfolio performance.

11.3 Implications for Regulators

Regulatory authorities can design investor protection mechanisms and educational initiatives using behavioural insights to reduce irrational market participation.

12. Findings

- Investor behaviour in India is significantly influenced by cognitive and emotional biases
- Behavioural factors contribute to market volatility and inefficient pricing
- Financial literacy mitigates, but does not fully eliminate, behavioural errors

13. Conclusion

Behavioural finance provides a comprehensive perspective on financial decision making by recognizing the psychological dimensions of investor behaviour. In the Indian context, behavioural biases play a critical role in shaping market outcomes due to the high participation of retail investors. Integrating behavioural finance principles into investment education, advisory services, and regulatory frameworks can enhance decision quality and promote market stability.

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