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THE BIRD IN THE HAND FALLACY AND AGENCY PROBLEMS: A COMPARATIVE ANALYSIS

Binod Shah
Department of Management
Ramswarup Ramsagar Multiple Campus, Janakpurdham,
Tribhuvan University, Nepal
binod.sah@rrmc.tu.edu.np
https://orcid.org/0000-0001-8267-994X

Kiran Kumari Sah
Department of Management
Ramswarup Ramsagar Multiple Campus, Janakpurdham,
Tribhuvan University, Nepal
kiran.sah@rrmc.tu.edu.np
https://orcid.org/0009-0007-6109-0424

Rajesh Kumar Sah
Department of Management
Ramswarup Ramsagar Multiple Campus, Janakpurdham,
Tribhuvan University, Nepal
rajeshksah118@gmail.com

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Abstract: Through the conduction of comparative and comprehensive analysis of relevant data, literature review, and empirical evidence, this paper aims to apply to decision making and reasoning, the fallacy occurs when someone overvalues a sure thing, even when the potential benefits of an alternative option are significantly higher and more probable. Conversely, the agency problem, arising from conflicts of interest between managers and shareholders, can influence dividend decisions in ways that prioritize managerial interests over shareholder value maximization. The findings highlight significant influences of both the "bird in the hand" fallacy and the agency problem on dividend policy. However, their implications and the strategies to mitigate their effects vary significantly. The "bird in the hand" fallacy, rooted in a preference for certainty, tends to lead investors to favour immediate dividends over potentially higher future gains from reinvestment which may not materialize. The methodology employed in this study includes a descriptive analysis research design. Literature review is to establish theoretical foundations and empirical analysis is to substantiate these theoretical keystones. By examining historical data, the study aims to provide insights into how these factors shape corporate dividend policies and investor behaviour. Ultimately, the research underscores the importance of balancing short-term dividend pay-outs with long-term growth opportunities. It suggests that effective dividend policy should consider both investor preferences for current income and the potential benefits of reinvestment in enhancing future shareholder value. By understanding these dynamics and implementing appropriate strategies, firms can navigate the complexities of dividend policy to achieve sustainable financial performance and shareholder satisfaction

Keywords: Dividend, Agency Problem, Owner’s Interest, Re-investment, Stock Valuation

Intoduction

The Agency Problem and the Bird in the Hand Fallacy intersect in their implications for decision-making within corporations and financial markets. The Bird in the Hand Fallacy reflects a behavioural bias among investors who prioritize immediate dividends over potentially higher future returns from reinvestment or growth opportunities. This bias can lead to underinvestment in projects that could enhance long-term profitability, impacting overall economic efficiency and growth potential.

Conversely, the Agency Problem arises from the separation of ownership and control in corporations, where managers may prioritize their own interests over those of shareholders. This can manifest in decisions that favour short-term gains or risk aversion rather than maximizing shareholder wealth over the long term. The alignment of managerial incentives with shareholder interests becomes crucial in mitigating this problem and ensuring responsible corporate governance.

The interaction between these concepts is significant. The Bird in the Hand Fallacy can impair the Agency Problem if shareholders pressure managers to prioritize short-term dividends, aligning with the fallacy's preference for immediate returns. Effective corporate governance practices, such as independent boards, transparent reporting, and performance-linked incentives, are essential in addressing both issues. They help ensure that corporate decisions balance short-term shareholder interests with long-term strategic goals, fostering sustainable growth and maximizing shareholder value over time. Thus, understanding and managing these interconnected challenges are vital for optimizing decision-making processes and enhancing economic efficiency in corporate environments.

Statement of problems:

The Bird in the Hand Fallacy and agency problems pose significant challenges in corporate finance and governance. The fallacy suggests that investors may prefer immediate dividends over potential future gains, potentially impacting firm valuation and investment decisions. Concurrently, agency problems arise when managers prioritize personal interests over shareholder value, leading to conflicts and inefficiencies in corporate governance. This comparative analysis aims to explore the following questions:

1. How do investors' preferences for current dividends versus future gains influence firm valuation?
2. How do the Bird in the Hand Fallacy and agency problems manifest differently across various industries and regions?
3. What strategies can firms employ to mitigate the adverse effects of these phenomena on shareholder wealth and firm performance?

Objectives of the Study:

1. To analyse the impact of the bird in the hand fallacy on investor behaviour and agency problem.
2. To compare the effects of agency problem on dividend policy.
3. To identify strategies for balancing the benefits of dividends with the potential gains from reinvested earnings and mitigating agency problems.

Rationale of the Study:

The Bird in the Hand Fallacy and agency problems are profoundly impact shareholders wealth and firm performance. This study aims to provide a comparative analysis of these phenomena to:

Enhance Understanding of Investor Behaviour: By exploring the Bird in the Hand Fallacy, which suggests that investors prefer current dividends over uncertain future gains, the study aims to uncover the behavioural biases influencing investment decisions. Understanding these biases is crucial for designing effective investor communication strategies and optimizing dividend policy.

1. Illuminate Agency Issues in Corporate Governance: Agency problems arise when managers prioritize personal interests over shareholder value, leading to conflicts of interest and inefficiencies. By analysing these issues across different organizational contexts, the study seeks to identify common patterns and effective governance mechanisms that mitigate agency costs and enhance shareholder trust.
2. Inform Strategic Financial Decision-Making: Insights from this study can inform strategic financial decision-making processes, including dividend policy formulation, executive compensation design, and board structure optimization. By aligning these decisions with shareholder interests, firms can foster long-term value creation and sustainable growth.
3. Bridge Theoretical and Practical Perspectives: The study contributes to bridging the gap between theoretical insights and practical implications in corporate finance and governance. By integrating empirical evidence with theoretical frameworks, it provides actionable recommendations for practitioners, policymakers, and academics alike.
4. Promote Financial Market Efficiency: Addressing the Bird in the Hand Fallacy and agency problems promotes financial market efficiency by reducing information asymmetry, enhancing transparency, and improving investor confidence. This, in turn, fosters a more resilient and competitive business environment.

Overall, this study seeks to advance knowledge and understanding of the Bird in the Hand Fallacy and agency problems, offering insights that can guide stakeholders in navigating complexities within corporate finance and governance frameworks effectively.

Literature and Empirical Review:

Bird in the Hand Theory Gordon (1959) and Lintner (1962) argue that investors prefer dividends over potential future gains due to the certainty they provide. This preference can lead to an overvaluation of dividend-paying stocks and influence corporate decisions to favour immediate pay-outs.

Jain (2012) finds that dividend yields are higher when diverse shareholder demands are strong, extents of business disclosures and legal protections are weak, and the market qualities are poor, compare cross-sectional variation of dividend yields.

Kahneman and Tversky (1979) introduce prospect theory, highlighting how individuals value certain outcomes over uncertain ones, even when the uncertain outcomes have higher expected returns. This theory supports the bird in the hand fallacy in investor behaviours.

Agency Theory Jensen and Meckling (1976) suggest that dividend payments can help mitigate agency problems between managers and shareholders. By paying dividends, managers reduce the amount of free cash flow available for potential misuse, aligning their interests with those of the shareholders.

Studies by Fama and French (2001) and Brav et al. (2005) indicate that firms with stable dividend policies tend to have less volatile stock prices and attract a more risk-averse investor base. Empirical evidence also shows that dividend payments can reduce agency costs by limiting the funds available for managerial discretion.

Jensen (1986) argues that free cash flow (cash flow in excess of that required to fund all projects with positive net present values) can lead to agency problems as managers might invest in suboptimal projects. He suggests that paying out free cash flow as dividends can reduce the agency costs of free cash flow.

Rafael (2000) examines dividend policies and finds that firms in countries with stronger minority shareholder rights pay higher dividends. This supports the idea that dividends are used to mitigate the agency problem by reducing the amount of free cash flow under managerial control.

The study of Harry (2006) finds that firms with higher earnings retention ratios tend to pay lower dividends, consistent with the life-cycle theory of dividends. This suggests that mature firms with less investment opportunity pay out more dividends to reduce agency costs.

Fama and French (2001) find that the propensity of firms to pay dividends has declined over time. They attribute this to a change in firm characteristics, such as growth opportunities and profitability. However, they also note that firms that do pay dividends tend to have more stable earnings and lower agency costs.

The study of Varouj and Cleary (2003) investigates dividend policies in emerging markets compared to US firms. It finds that firms in emerging markets with higher growth opportunities tend to pay lower dividends, while those with higher free cash flow and lower growth opportunities tend to pay higher dividends, suggesting a link between dividend policy and agency costs.

Grullon and Michaely (2004) analyse share repurchase programs as an alternative to dividends and find that firms that repurchase shares also reduce agency costs by distributing excess cash to shareholders, similar to dividend payments

Methods

Methodology for addressing the intersection of the Agency Problem, the Bird in the Hand Fallacy, and their implications for corporate decision-making is as:

Data Collection:

By combining secondary data from financial statements with real-time updates from Sharesansar and company announcements data were collected. Sharesansar live of publicly traded companies (Nepal Telecom and Nabil Bank) dividend payout records histories are included.

Analysis:

Quantitative analysis techniques assess the relationship between Dividend Policies and Agency Cost volatility, as well as the impact of agency costs on dividend decisions. Qualitative data were analysed to understand corporate decision-making processes regarding dividend payouts, reinvestment strategies, and agency problems.

Conceptual frameworks:

Dividend policy (Independent variable)	Agency Problems (Dependent Variable)
Owners' interest (Independent variable)	

Result and Discussion

The Agency Problem and the Bird in the Hand Fallacy intersect significantly, influencing decision-making within corporations and financial markets. The Bird in the Hand Fallacy reflects a behavioural bias among investors who prioritize immediate dividends over potentially higher future returns from reinvestment or growth opportunities (Myers, 1984). This bias can lead to underinvestment in projects that could enhance long-term profitability, thereby impacting overall economic efficiency and growth potential.

Conversely, the Agency Problem arises from the separation of ownership and control in corporations, where managers may prioritize their own interests over those of shareholders (Jensen & Meckling, 1976). This can lead to decisions favouring short-term gains or risk aversion rather than maximizing long-term shareholder wealth. Aligning managerial incentives with shareholder interests becomes crucial in mitigating this problem and ensuring responsible corporate governance.

The interplay between these concepts is significant. The Bird in the Hand Fallacy can worsen the Agency Problem if shareholders pressure managers to prioritize short-term dividends, aligning with the fallacy's preference for immediate returns (Lintner, 1962). Effective corporate governance practices, such as independent boards, transparent reporting, and performance-linked incentives, are essential in addressing both issues. These practices help ensure that corporate decisions balance short-term shareholder interests with long-term strategic goals, promoting sustainable growth and maximizing shareholder value over time (Shleifer & Vishny, 1997).

Dividend policy plays a critical role in corporate strategy, serving not only as a means to return profits to shareholders but also as a mechanism to influence managerial behaviours. By distributing profits as dividends, companies can reduce the amount of free cash flow available to managers, thereby limiting their ability to invest in projects that may not align with shareholder interests. This reduction in free cash flow is particularly significant in mitigating the agency problems outlined by Jensen's Free Cash Flow Hypothesis, which suggests that excess cash can lead to inefficient investments and managerial opportunism.

Agency problems arise when there is a divergence between the goals of managers and shareholders. Managers may prioritize personal benefits, such as job security or expanding corporate influence, over maximizing shareholder value. Dividends act as a disciplinary mechanism in this context. Regular and predictable dividend payments impose a financial constraint on managers, encouraging them to utilize resources more efficiently and focus on profitable ventures that generate returns for shareholders.

Additionally, dividends serve as a signalling mechanism. When a company consistently announces or increases dividends, it signals confidence in its financial health and future prospects to the market. This signalling reduces information asymmetry between managers and shareholders, fostering greater trust and alignment of interests. Shareholders perceive that managers are confident in the company's cash flow and profitability, which can enhance the firm’s reputation and investor confidence.

Dividend policy and owner’s interest – independent variable and Agency cost – dependent variable:

Let’s assume that agency costs A are directly proportional to free cash flow FCF

A=K. FCF

where, k is proportionality constant

FCF is Free Cash Flow.

Now substituting FCF by E(1-P) into this relationship

A=K. E(1-P).

This equation highlights that increasing the payout ratio P reduces the free cash flow available to managers, thereby decreasing agency costs A. This framework underscores the role of dividend policy in mitigating agency problems by aligning managerial actions with shareholder interests.

Dividend pay-out ratio (DPS) = $\frac{Dividend}{Earning}$

Case Studies: Real-World Applications:

Examining real-world examples highlights how companies strategically use dividend policy to address agency problems.

Nepal Telecom (NTC), the largest telecommunication service provider in Nepal, has effectively utilized its dividend policy to align management and shareholder interests. As a state-owned enterprise with significant free cash flow, NTC faces the challenge of ensuring that its management prioritizes the best interests of its shareholders, which include the government and private investors.

Strategic Dividend Policy: adopted by Nepal Telecom (NTC):

High Dividend Payouts: NTC has consistently maintained a high dividend pay-out ratio. This approach serves to distribute a substantial portion of the company’s earnings to shareholders, reducing the free cash flow available for potential misuse by management.

Regular Dividends: The company’s commitment to regular and substantial dividend payments reassures shareholders of the company's financial health and management's dedication to maximizing shareholder.

Nabil Bank Limited, one of the leading commercial banks in Nepal, has strategically employed its dividend policy to address potential agency problems and align the interests of management and shareholders. As a major financial institution with significant earnings and growth opportunities, Nabil Bank has effectively balanced its dividend pay-outs to ensure both investor satisfaction and corporate growth.

Bonus Dividend(%)	Cash Dividend(%)	Total Dividend(%)	Fiscal Year
	40.00	40.00	2079/2080
0.00	40.00	40.00	2078/2079
20.00	20.00	40.00	2077/2078
0.00	40.00	40.00	2076/2077
0.00	45.00	45.00	2075/2076
0.00	55.00	55.00	2074/2075
0.00	55.00	55.00	2073/2074
0.00	51.00	51.00	2072/2073
0.00	50.00	50.00	2071/2072
0.00	47.00	47.00	2070/2071

Source: https://www.sharesansar.com/company/ntc#cdividend

Strategic Dividend Policy: adopted by Nabil Bank Ltd:

Consistent Dividend Payments: Nabil Bank has a history of providing consistent dividends to its shareholders. This consistency helps to build investor confidence and signals the bank's robust financial health and stable earnings.

Balancing Growth and Returns: While maintaining regular dividend payments, Nabil Bank also ensures adequate retention of earnings for reinvestment in expanding its services and enhancing its technological infrastructure. This balance helps mitigate agency problems by reducing excessive free cash flow that could be misallocated by management.

Dividend Reinvestment Plan (DRIP): Nabil Bank offers a dividend reinvestment plan that allows shareholders to reinvest their dividends into additional shares of the bank. This plan aligns the interests of management and shareholders by promoting long-term investment in the bank's growth and ensuring that retained earnings are used effectively.

Bonus Dividend(%)	Cash Dividend(%)	Total Dividend(%)	Fiscal Year
	11	11	2079/2080
18.5	11.5	30	2078/2079
33.6	4.4	38	2077/2078
33.5	1.76	35.26	2076/2077
12	22	34	2075/2076
12	22	34	2074/2075
30	18	48	2073/2074
30	15	45	2072/2073
30	6.842	36.842	2071/2072
20	45	65	2070/2071

Source: https://www.sharesansar.com/company/nbl

Investor Preference: Investors favour dividend-paying stocks because dividends offer a predictable income stream, which is attractive, especially in uncertain economic conditions.

This preference reflects the Bird in the Hand Fallacy, where immediate dividends are valued more than potential future capital gains. Companies that maintain stable dividend policies often enjoy higher stock valuations. This higher valuation is driven by investor demand for reliability and consistency in income generation, contributing to perceived lower investment risk.

Agency Costs: Dividend payments play a role in mitigating agency costs by reducing free cash flow available to managers. This restriction encourages managers to focus on projects and investments that align with shareholder interests rather than pursuing self-serving objectives. Firms may prioritize maintaining or increasing dividends even when alternative uses of cash, such as reinvestment in growth opportunities, could potentially yield higher long-term returns. This strategic decision is influenced by the desire to satisfy shareholder expectations and maintain stock price stability.

These findings underscore the complex interplay between dividend policy, investor behaviours, corporate strategy, and agency theory in corporate finance. They highlight the importance of balancing short-term shareholder returns with long-term value creation and the role of dividends in corporate governance and financial management

Conclusion

The bird in the hand fallacy and the agency problem significantly influences dividend policy and investor behaviour. While dividends provide immediate satisfaction, overemphasis on certainty can lead to missed growth opportunities. Agency problems can result in conflicts of interest that affect corporate decision-making. A balanced approach, considering both dividends and reinvestment, offers a more sustainable path to long-term financial success. Companies and investors should be aware of these factors and adopt strategies to optimize resource allocation and achieve a harmonious balance between immediate returns and future growth. Empirical evidence from these studies suggests that dividend payments can be an effective mechanism to mitigate the agency problem by reducing the amount of free cash flow available to management, aligning managerial incentives with those of shareholders, and signalling the firm's financial health to investors. While dividends are not the only tool for addressing agency problems, they play a significant role in corporate governance and financial policy

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