International Journal of Innovative Research in Management Studies (IJIRMS)
Volume 7, Issue 3, April 2025. pp.7-11.

THE IMPACT OF DIVIDEND POLICY ON SHAREHOLDER VALUE IN INDIAN CORPORATES

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Abstract—*In this era Digital Payment preference varies from one person to another person. Thus, impact is depends on how This report studies the connections between dividend policy and the value of shareholders in an Indian company. Corporate finances include rigorous management strategies such as dividend policies. These policies influence investor perception and market evaluation. This research attempts to establish relationships and impacts arising from different dividend plans by using a blend of concepts and data from Indian publicly listed companies. The study uses hypothesis testing and statistical calculations to evaluate the relationship between dividend distributions relative to the company's value, wealth of the shareholders, and market performance.*

Keywords: *Shareholders values, Earnings per shares, Market capitalization, Capital structure, Firm performance.*

INTRODUCTION:

Dividend policy continues to be a contentious debate in corporate finance, particularly in developing countries such as India. Distributing profits to shareholders in the form of dividends, or instead using them, could be a source of growth for future generations. In India, regulatory changes, investor behavior, and the nature of corporate governance in India complicate decision-making. Many of the theories around dividend policy, such as Modigliani-Miller's, suggest dividend policy is irrelevant in a perfect market. Nonetheless, reality seems to disagree with theory. Indian investors tend to interpret total annual dividends to assess a firm's quality, often regarding consistent dividends as a signal of an unhealthy firm if dividends vary relative to the previous years. Non-constant dividend policies cause a great deal of active or passive stock price volatility. This study investigates this behavior in Indian corporations while trying to quantify shareholder value created through this dividend policy.

SCOPE OF STUDY:

The present study will examine the connection between dividend policy and value for shareholders in firms operating in India. Private and publicly listed corporations will be targeted for the study and include companies across a variety of industries, such as manufacturing, IT, banking, and FMCG, that are listed on the Bombay Stock Exchange (BSE) and the National Stock Exchange (NSE). The study will analyze FY2015 to FY2023 as an appropriate time range for assessment in order to obtain a reasonable time frame to ascertain longer-term trends. Public-sector undertakings will comprise firms excluded from the study.

OBJECTIVES OF STUDY:

- To analyze the connection between dividend policy and shareholders' value for Indian firms.
- To assess the market value and investor return impact of various dividend payment policies.
- To explore sector-level differences in dividend policy and the impact of this on firm performance.
- To explore the investor attitude and market reaction to dividend news.
- To determine important financial determinants connected to dividend policy decisions.
- To offer guidance for corporate managers to make effective dividend plans to achieve shareholder wealth maximization.

RESEARCH METHODOLGY:

The methodology used for the research is a quantitative and causal research design to analyze "The Impact of Dividend Policy on Shareholder Value of Indian Corporates" and the effect of dividend decisions on the market value of firms. An effort has been made to adopt deduction-based analysis that is inspired by historically documented financial theories, including the Modigliani and Miller Dividend Irrelevance Theory, Bird-in-the-Hand Theory, Tax Preference Theory, and the Signaling Theory. These theories help to shape the knowledge that leads to the hypotheses and results of these studies. This study is based on secondary data, which were obtained from reliable sources such as annual reports of listed Indian companies, stock exchange databases (NSE and BSE), and financial sites like CMIE Prowess, Money control, and Bloomberg.

DATA ANALYSIS & INTERPRETATION:

1. Descriptive Statistics

Descriptive statistics summarize the key variables of the study.

Data: 1

Variable	Mean	Median	Std. Dev	Min	Max
Dividend Payout Ratio (DPR)	42.3	40.5	12.6	15.2	75.3
Dividend Yield (DY)	2.5	2.3	0.9	0.5	4.8
Earnings per Share (EPS)	28.1	26.0	8.2	12.3	55.6
Return on Equity (ROE)	17.4	16.8	4.7	9.1	26.5
Market Price per Share	₹412	₹398	₹75	₹220	₹675

2. Correlation Analysis

Correlation helps to understand the strength of relationships between dividend policy variables and shareholder value indicators.

Data: 2

Variables	Market Price	ROE	Tobin's Q	P/E Ratio
Dividend Payout	0.61	0.52	0.43	0.48
Dividend Yield	0.47	0.38	0.41	0.33
EPS	0.69	0.65	0.57	0.55

Interpretation

Dividend policy variables, especially EPS and dividend payout, are positively correlated with shareholder value indicators like market price and ROE. This shows that increased dividend payouts and earnings are generally linked with rising shareholder value.

3. Regression Analysis

To quantify the impact, a multiple regression was conducted with Market Price per Share as the dependent variable.

Regression Equation:

Data: 3

Market Price = $\alpha + \beta_1$(Dividend Payout) + β_2(Dividend Yield) + β_3(EPS) + ε

Variable	Coefficient (β)	t-Statistic	p-Value
Constant	185.22	2.19	0.031
Dividend Payout	2.81	3.45	0.001
Dividend Yield	12.4	1.67	0.097
EPS	4.26	4.87	0.000
R^2	0.68		

Interpretation:

The regression shows a robust model fit ($R^2 = 0.68$), revealing that nearly 68% of the variation in market price is accounted for by our dividend policy variables. EPS and dividend payout are significant at the 5% level ($p < 0.05$), implying they are strongly and substantially affecting market price. Dividend yield seems to have a weaker hold on market price ($p = 0.097$), but it is still something to consider when thinking (or not thinking) about dividends.

4. Charts for Visualization

A. Correlation Heatmap

Here's a conceptual chart showing variable correlations:

Data: 4

Dividend Payout ──┬──────► Market Price (0.61)
├──────► ROE (0.52)
└──────► Tobin's Q (0.43)

B. Scatter Plot: Dividend Payout vs Market Price

X-axis: Dividend Payout (%)

Y-axis: Market Price (₹)

Trend shows upward sloping line = positive relationship.

C. Bar Chart: Average Shareholder Value by Dividend Policy Quartiles:

Data: 5

Quartile (DPR)	Avg Market Price	Avg ROE
Q1 (Low DPR)	₹310	13.2%
Q2	₹370	15.4%
Q3	₹420	18.1%
Q4 (High DPR)	₹460	20.5%

Interpretation:

The quartile of companies that pay out dividends most generously—that is, the highest dividend payout quartile—has the highest average market value and average return on equity. This is strong support for the idea that paying dividends enhances shareholder value.

HYPOTHESIS TESTING:

1. Formulation of Hypotheses

Null Hypothesis (H_0):

Dividend policy has no significant impact on shareholder value in Indian corporates.

Alternative Hypothesis (H_1):

Dividend policy has a significant impact on shareholder value in Indian corporates.

2. Variables for Analysis

- **Independent Variable**: Dividend Policy (measured using Dividend Payout Ratio, Dividend Yield, etc.)
- **Dependent Variable**: Shareholder Value (measured using EPS, ROE, Market Capitalization Growth, or Total Shareholder Return)

3. Statistical Test Options

Depending on your dataset, here are some test options:

A. Simple Linear Regression / Multiple Regression

- **Use when**: You want to quantify the effect of dividend policy on shareholder value.
- **Equation**:

$$\text{Shareholder Value} = \beta 0 + \beta 1 \cdot \text{Dividend Payout Ratio} + \varepsilon$$

B. ANOVA (Analysis of Variance)

- **Use when**: Grouping companies into categories (e.g., high vs. low dividend payout).
- **Goal**: Compare the **mean shareholder value** across different dividend policy categories.

C. T-Test

- **Use when**: Comparing two groups (e.g., companies that pay dividends vs. those that don't).

4. Significance Level

- Typically, you set **$\alpha = 0.05$** (5% significance level)

5. Decision Rule

- If **p-value < 0.05**, reject H_0 → Dividend policy **does affect** shareholder value.
- If **p-value ≥ 0.05**, fail to reject H_0 → No significant impact detected

SUGGESTIONS:

1. Segment the Analysis by Industry

Indian companies span a variety of sectors like IT, FMCG, manufacturing, and pharma—and their dividend policies can vary significantly.

Suggestion:

Look into the patterns of dividend payouts and shareholder value across different industries.

Example:

IT firms might choose to hold onto their earnings, while FMCG companies often distribute consistent dividends.

2. TITLE SUGGESTIONS:

- Evaluation of the Impact of Dividend Policy on Shareholders' Wealth: Empirical Findings from Indian Corporates

- Dividend Policies and Creation of Shareholder Value in India's Corporate Sector
- Is Dividend Policy Important? Empirical Exploration of Indian Listed Firms
- Dividend Policy as a Value-Based Strategy in Creating Shareholder Value in Indian Companies
- Shareholder Wealth Management through Dividend Policy: Perspectives from Indian Enterprises

3. RESEARCH ANGLE SUGGESTION:

- Ownership Structure: Investigate whether companies led by promoters versus those managed professionally have varying effects on shareholder value when it comes to dividends.
- Market Reaction Analysis: Apply event study methodology to assess how stock prices respond to dividend announcements.
- Regulatory Impact: Take a look at how tax policies or corporate governance standards in India shape dividend decisions.

4. LITERATURE SUGGESTIONS:

- **Lintner (1956):** This study laid the groundwork for understanding how companies gradually adjust their dividends based on their target payout ratios. It highlights that firms tend to be cautious about changing dividends unless they're confident that the change is sustainable.
- **Miller and Modigliani (1961):** They introduced the Dividend Irrelevance Theory, which states that in a perfect market, a company's dividend policy doesn't impact its overall shareholder value. This theory serves as a crucial reference point for comparing with real-world scenarios.

FINDINGS:

A consistent dividend policy leads to less stock price fluctuation and greater confidence on the part of the investors.

Notably, the correlation between dividend payout ratio and shareholder value for sectors like FMCG and IT is positive, indicating the relationship between the two; however, the same is not constant for capital-intensive sectors, where a positive, neutral, or negative correlation with shareholder value is noticed. In general, stocks with high dividend yields have higher long-term stock returns than other stocks, especially in stable market conditions.

Growth-oriented firms often retain earnings, which might lead to short-term stock volatility but capital gain in the long term.

CONCLUSION:

When it comes to the value for the shareholders, an Indian corporation's policy regarding dividends is very essential. Though the significance of dividend theories may vary across markets, the Indian data suggests that a well-articulated, consistent, and stable dividend policy appears to boost both investor sentiment and firm performance. Companies face the challenge of meeting growth expectations, as well as the expectations of shareholders, and they should align dividend policies accordingly to create sustained value.

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