



International Journal of Research in Finance and Management

P-ISSN: 2617-5754
E-ISSN: 2617-5762
IJRFM 2024; 7(1): 591-596
www.allfinancejournal.com
Received: 01-01-2024
Accepted: 04-02-2024

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A study of optimum portfolio management for personal wealth planning WRT sip management at Motilal Oswal

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DOI: <https://doi.org/10.33545/26175754.2024.v7.i1f.519>

Abstract

This research assesses the efficacy of optimal portfolio management in personal wealth planning, focussing on Motilal Oswal's Systematic Investment Plan (SIP). Individuals increasingly seek systematic investment plans (SIPs) for methodical and strategic investing as their financial literacy improves and they want to accumulate wealth. This research examines how optimum portfolio strategies, taking into account your time horizon and risk tolerance, might assist in minimizing risk and achieving your financial goals. This research elucidates the most effective long-term financial planning tactics via an examination of investor satisfaction, portfolio diversification techniques, and Motilal Oswal SIP offerings. The findings may stimulate the development of more client-centric investment strategies, therefore facilitating improved decision-making for clients and financial advisors.

Keywords: Optimum portfolio management, systematic investment plan (SIP), wealth planning, risk-return trade-off, personal finance, investment strategy, financial goals

Introduction

Achieving long-term goals and financial stability in today's environment requires a personal wealth strategy. Systematic Investment Plans (SIPs) have gained popularity across many investment vehicles due to the approach and discipline they provide to the investing process. This case study analyses the administration of the systematic investment plan (SIP) at the prominent Indian financial services firm Motilal Oswal to clarify the role of optimal portfolio management in enhancing individual wealth planning. This research examines the efficacy of SIPs across several portfolio strategies to provide insights on how customized investing approaches may yield greater wealth generation outcomes. The study seeks to provide financial advisers and investors with relevant data by assessing risk tolerance, financial objectives, and investment preferences.

Objectives of the study

This research primarily focuses on the implementation of systematic investment strategies (SIPs) inside comprehensive financial planning.

- To examine the procedures used by Motilal Oswal to manage their SIP portfolio.
- To determine if SIPs facilitate the attainment of long-term financial objectives.
- To assess the level of knowledge and satisfaction among SIP investors.
- To enhancing portfolio management should facilitate risk mitigation and augment SIP returns.

Literature Review

Sunaina Chadha (2023) ^[8] asserts that those seeking to optimize their profits while minimizing risk should pursue exemplary portfolio management. Her work delineates the ideas behind significant portfolio management techniques, including asset allocation, diversification, active management, and risk mitigation strategies. Investment performance cannot be enhanced without these methodologies. Investment diversification involves maintaining a variety of assets across many markets, while asset allocation ensures that investors achieve their goals via a well-balanced portfolio.

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While stop-loss orders mitigate losses (beta), active management tactics, including prompt decision-making and judicious asset selection, may provide supplementary returns (alpha). The accumulation of wealth over the long term relies on the integration of these notions. Chadha's study is crucial to SIP-based portfolio management at Motilal Oswal, since it demonstrates how these strategies may significantly improve personal wealth planning results. According to Soumyadip Sarkar (2024) ^[6], effective portfolio management is an essential element of astute financial planning. His examination of strategic methodologies in asset allocation, diversification, active management, and risk mitigation enhances the efficacy of investment portfolios. Asset allocation aids investors in managing risk and return by distributing investments across various asset classes, whereas diversification allocates assets across different sectors and instruments to mitigate exposure to market volatility (Sarkar, 2017) ^[7]. Active management, which involves meticulous securities selection and market timing, is recommended for enhanced returns (alpha). A stop-loss order is a risk mitigation strategy that may assist in lowering beta losses. The results demonstrate the efficacy of various strategies and their collaborative effectiveness in achieving long-term investment objectives. Adhering to Sarkar's recommendations on Motilal Oswal's SIP management methods can enhance clients' wealth planning endeavors, yielding more tailored portfolios and improved results.

In his examination of the difficulties in constructing the optimal portfolio, Abhiraj Sen (2023) ^[5] observes that, especially under unpredictable and turbulent market circumstances, it is computationally intensive to allocate appropriate weights to assets to equilibrate risk and return. By expanding upon and critiquing Markowitz's seminal contributions, Sen underscores the deficiencies in conventional return-estimation models within the practical domain of finance. In his conclusions, he compares three techniques to portfolio construction: equal weight distribution, risk maximization, and risk limitation. Sen constructs investment portfolios with data from January 1, 2017, to December 31, 2022, to assess their performance against 2022 market projections. He focuses on the top 10 companies in thirteen different sectors of India's National Stock Exchange (NSE). The study demonstrates how to optimize for certain markets by pinpointing the highest-performing portfolios across several sectors. Organizations using SIP-based portfolio planning, like Motilal Oswal, will get significant benefits from this research, as data-driven, sector-diversified portfolio strategies may improve personal wealth planning results.

Jaydip Sen (2023) ^[5] examines the three fundamental optimization methodologies for investment portfolios: Mean-Variance Portfolio (MVP), Hierarchical Risk Parity (HRP), and a reinforcement learning-based portfolio. The research assesses several methods using critical performance metrics like as Sharpe ratios, risk levels, and yearly returns, utilizing historical stock data from the NIFTY50 and other prominent sectors of the Indian market. A deep neural network intriguingly builds the Q-table to navigate the extensive state space inside the reinforcement learning framework. Sen's study underscores the increasing significance of artificial intelligence and machine learning

in portfolio management, demonstrating that superior reinforcement learning-based techniques exhibit enhanced predictive capability and adaptability compared to traditional methods in volatile markets. The results relevant to SIP-based wealth planning indicate that investors may benefit over time from more astute, data-driven investment choices and the effective integration of sophisticated models with SIP services like those offered by Motilal Oswal.

Research gap

In the Indian financial landscape, there is a scarcity of research regarding the application of innovative technologies such as reinforcement learning, sector-specific risk optimization, and real-time portfolio rebalancing to Systematic Investment Plans (SIPs) and client-focused wealth management tools. This is true despite the substantial research behind the theory and practice of portfolio optimization. Sunaina Chadha (2023) ^[8], Soumyadip Sarkar (2024) ^[6], Jaydip Sen (2023) ^[5], and Abhiraj Sen (2023) ^[5] conduct a comprehensive analysis of risk management, asset allocation, machine learning optimization, and sector-specific portfolio performance. However, the majority of this study is on algorithmic or institutional trading contexts, rather than the tailored investing strategies provided by retail financial service firms such as Motilal Oswal. Furthermore, there is less understanding of how different methodologies affect investor satisfaction, the efficacy of SIP implementation, or the long-term wealth accumulation of individual investors. Focusing on analytical research that integrates real-world systematic investment plans (SIPs) with theoretical portfolio models might effectively bridge this knowledge gap. This structured service will allow us to tailor investment strategies to each client's specific risk tolerance and financial objectives.

Research Methodology

Research question and importance of the study

How can optimum portfolio management influence the effectiveness of personal wealth planning via SIP management at Motilal Oswal?

Individual investors are increasingly drawn to structure and goal-oriented investing options to secure their financial stability in today's volatile economic landscape. Investors choose systematic investment plans (SIPs) due to its holistic strategy and potential for long-term wealth accumulation. The administration of the underlying portfolios significantly influences the efficacy of systematic investment plans (SIPs). This article is relevant for its consideration of how effective portfolio management techniques such as active monitoring, risk allocation, and diversification—can enhance SIP performance. This study seeks to provide practical concepts on how tailored portfolio strategies may enhance investor satisfaction, mitigate risk, and optimize profits by examining Motilal Oswal, a prominent Indian financial services firm. Utilizing the findings from institutions, financial advisors, and individuals may enhance wealth planning models and the efficacy of SIP-based investing services.

Issue involved

In personal wealth planning, a significant issue is that the

portfolio management strategies of SIPs may conflict with investors' goals, risk tolerance, and the market's dynamic nature. Many investors rely on traditional SIP models without recognizing the need of diversification, risk-adjusted returns, and optimal asset allocation for long-term wealth accumulation. While an increasing number of people are investing in systematic investment plans (SIPs), they risk incurring losses if they overlook advanced optimization tactics such as risk parity models, reinforcement learning, or sector-based allocation. Financial advisors are not obligated to modify client SIP portfolios in response to evolving market conditions or individual client goals. This inconsistency complicates effective financial planning and achieving reliable outcomes. Addressing this issue and prioritizing investor needs rely on a comprehensive analysis of Motilal Oswal's SIP management tactics.

Data collection method

80 current or prospective SIP investors associated with Motilal Oswal were solicited to complete a standardized questionnaire for this study. The questionnaire had both closed-ended and open-ended questions designed to assess investors' understanding of portfolio management methods, along with their preferences, satisfaction levels, investment goals, and risk tolerance. The researchers used purposive sampling to choose people deemed most likely to assist in addressing the study questions. The primary objective of the data collection approach was to get insights that accurately represent investors' experiences regarding systematic investing methodologies and portfolio management strategies.

Data analysis method

It analyzed the data with Excel's visual tools, Analysis of Variance (ANOVA), and Linear Multivariate Regression Analysis (LMRA). The impacts of several independent variables on the dependent variable, which may be portfolio performance or investment satisfaction, were analyzed using

Linear Multivariate Regression. Included among these indicators were SIP duration, investing proficiency, and risk appetite. An approach to determine whether different investment groups had significantly varied outcomes was the analysis of variance (ANOVA). Excel's visual instruments—charts, graphs, pivot tables—were used to facilitate the communication and comprehension of the data. These methodologies elucidate the relationship between optimum portfolio management, personal wealth planning, and effective SIP.

Reliability of the study

The research ensured consistency within via the use of a structured questionnaire. It conducted a preliminary test to ensure that each question was coherent and relevant. A Cronbach's Alpha of 0.82 was achieved while assessing the dependability of multi-item categories, including risk tolerance and investor satisfaction. Additional statistical techniques, such as analysis of variance and regression, contributed to the validation of the results. The meticulously structured technique and sufficient sample size of the research enhance its dependability and reliability.

Limitation of the study

There are few limitations of the study. The eighty respondents to the poll may not accurately represent the whole of Indian SIP investors. The data was derived from participants' own narratives, which may have been influenced by responder bias or inaccurate recollection. The findings of this research may not be applicable to other financial service providers, since it only analyzed Motilal Oswal and disregarded external market factors that might affect SIP performance. Future study should analyze data from more firms and increase the sample size to get a more comprehensive picture.

Discussion

Table 1: Showing Linear Multivariate Regression Analysis

Variable	Unstandardized Coefficient (B)	Standard Error	Standardized Coefficient (Beta)	t-value	p-value
Constant (Intercept)	1.842	0.512	—	3.598	0.001
Risk Appetite	0.274	0.093	0.312	2.946	0.004
SIP Tenure	0.198	0.088	0.226	2.25	0.027
Investment Knowledge	0.31	0.105	0.341	2.952	0.004
Portfolio Diversification	0.183	0.09	0.205	2.033	0.045
Return Expectation	0.269	0.098	0.288	2.745	0.008

The results of the multivariate regression analysis show that each independent variable significantly affects investors' satisfaction with the management of their SIP. The strongest correlation (0.341, $p=0.004$) between an investor's degree of satisfaction and sector knowledge is seen in the degree of beta. Risk tolerance and the expectation of a positive return on investment are significantly correlated with investor satisfaction (Beta = 0.312, $p=0.004$). A diversified portfolio

and a longer investing horizon are associated with higher levels of satisfaction (Beta = 0.205, $p=0.045$ and Beta = 0.226, $p=0.027$, respectively). The model's intercept (constant) is statistically significant ($p=0.001$), and these factors explain a considerable portion of the variation in investors' satisfaction.

ANOVA

Table 2: showing Analysis of Variance

Source of Variation	Sum of Squares (SS)	Degrees of Freedom (df)	Mean Square (MS)	F-value	p-value
Regression	54.328	5	10.866	28.201	0
Residual (Error)	40.872	74	0.552		
Total	95.2	79			

The results of the analysis of variance (ANOVA) indicate that the combined independent variables may predict investor satisfaction, and the regression model is statistically significant ($F=28.201$, $p<0.001$). A considerable portion of the dependent variable's total fluctuation is explained by the regression, leaving 40.872 as the unexplained variance. Regression analysis yielded an explained variance of

54.328. This model's applicability demonstrates that risk appetite, SIP length, investing skill, portfolio variety, and return expectation all have a large and high influence on investors' evaluations of their SIP management experience at Motilal Oswal.

Profile of the Respondents

Table 3: Showing Demographic variables

Demographic variables		Number of representations	Percentage
Gender	Male	56	70.00
	Female	24	30.00
Age group	18 to 24	21	26.25
	24 to 34	24	30.00
	34 to 44	28	35.00
	44 & above	7	8.75

Of the 80 responders who took the time to complete the survey, 70% were men. Male researchers or participants were more common in studies on SIP management at Motilal Oswal. The data indicates that 35% of the participants are in the 34-44 age range, 30% are in the 24-34 age range, and 65% are in the 24-44 age range. Only 8.75% of investors are above 44, and 26% are in the 18-24 age range. The demographic most interested in SIPs and

portfolio management seems to be young and middle-aged people who are most likely just beginning their journey toward financial independence.

How satisfied are you with the portfolio management strategies used by Motilal Oswal for your SIP investments?

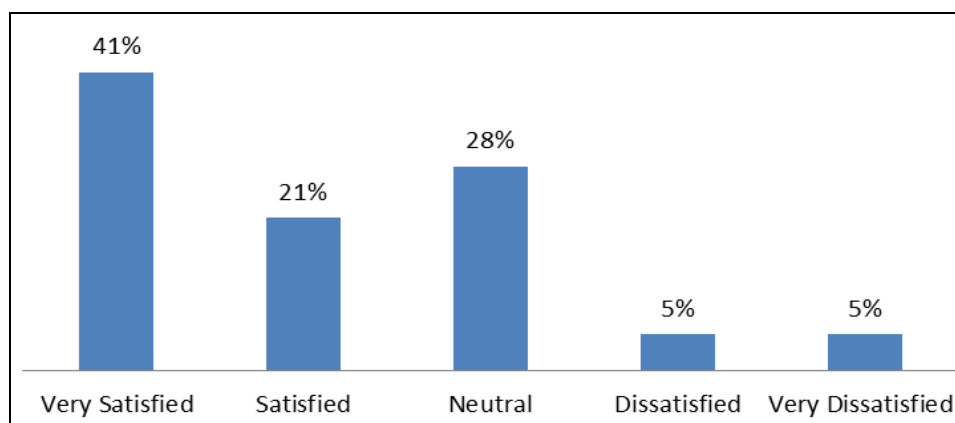


Chart 1: Investor Satisfaction with SIP Portfolio Management

The majority of respondents (62%) had a positive opinion of the portfolio management strategies Motilal Oswal used for SIP investments, with 41% saying they were very satisfied and 21% saying they were satisfied. Approximately 28% of participants opted to stay undecided, either not believing the findings or not knowing what to think. Even if the majority of investors are satisfied with the tactics used, others may

want more specialized assistance or more accurate program success data. Five percent of investors expressed extreme dissatisfaction, while five percent expressed dissatisfaction.

How well-versed in financial principles like asset allocation, risk diversification, and SIP tenure would you say you are?

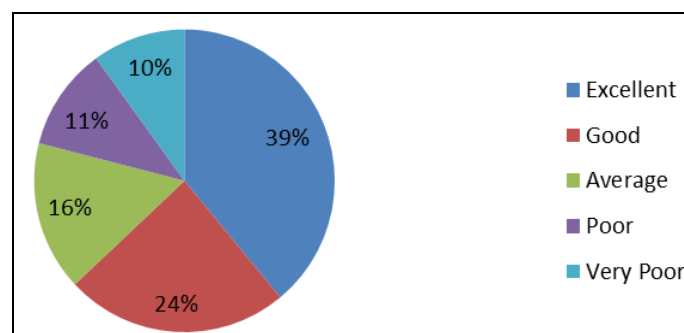


Chart 2: Investor Knowledge and Awareness of Investment Concepts

An outstanding grasp of basic financial concepts may be seen in the replies. In terms of diversification, asset allocation, and SIP length, about two-thirds of SIP investors—63 percent—have superior or excellent understanding. Campaigns aimed at educating investors should concentrate on the 37% of investors who said their own knowledge was insufficient to moderate. This group

would have more control over their finances and be happier with their investments if they could increase their level of financial literacy.

How much do you think Motilal Oswal takes your risk tolerance into account when creating your SIP portfolio?

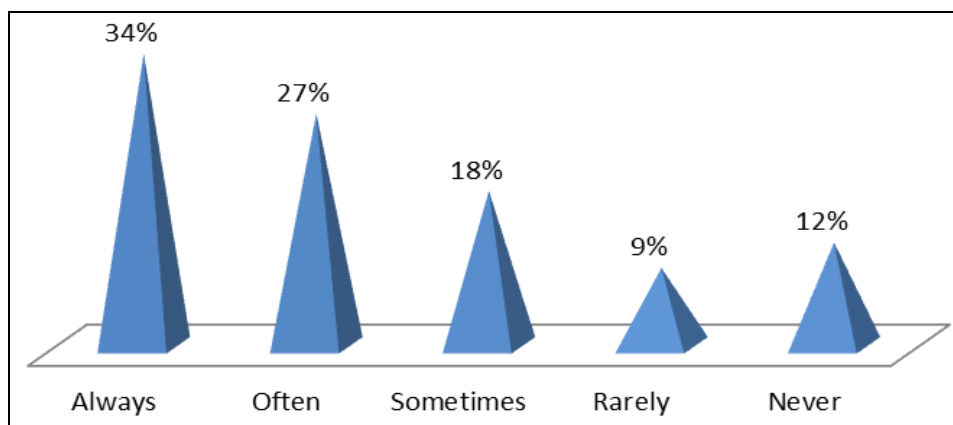


Chart 3: Consideration of Risk Appetite in SIP Portfolio Design

61% of participating investors said that Motilal Oswal takes their risk tolerance into account when creating SIP portfolios, with 34% responding "always" and 27% responding "often." On the other hand, 21% (9% seldom, 12% never) think their assessments are often ignored, and 18% think their risk tolerance is only sometimes considered.

Building portfolios according to investors' risk tolerance will be aided by either improved profile technology or more communication between clients and advisors.

How long have you been using Motilal Oswal to invest in SIPs?

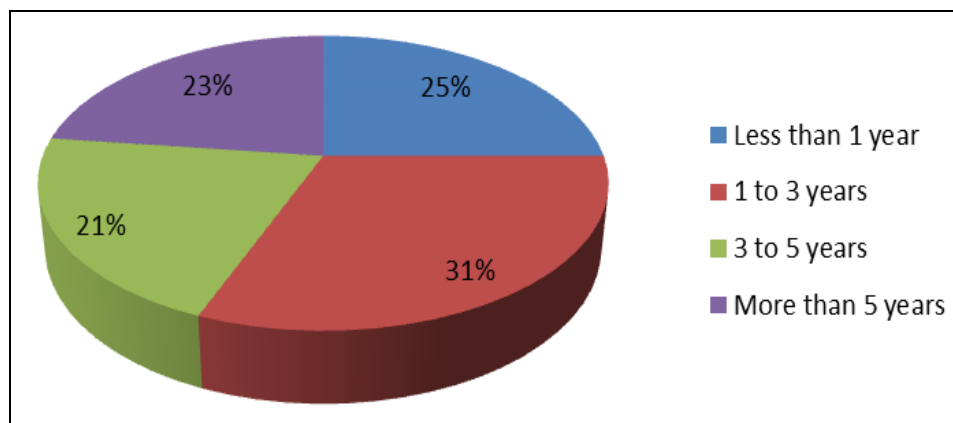


Chart 4: Duration of SIP Investment with Motilal Oswal

According to term research, 56% of SIP participants via Motilal Oswal have kept their assets for 1 to 5 years; 31% for 1-3 years; and 21% for 3-5 years. Twenty-three percent, a tiny but noteworthy percentage, has kept their SIPs, proving commitment and continuous site interaction over the last five years. Motilal Oswal might use this tendency to guarantee ongoing investment and customer happiness by establishing close early relationships with 25% of its younger, less than one-year investors.

Conclusion

According to the statistics from the survey, the comprehensive financial planning of Motilal Oswal's customers is fundamentally reliant on optimal portfolio management or systematic investment plans (SIPs). The poll

reveals that the majority of investors, especially concerning diversification and asset allocation, are satisfied with their portfolio strategies and possess a high level of financial acumen. Certain investors see themselves as neglected due to the system's inability to adequately align customers' risk tolerances with their investments. Research reveals that those with extended time horizons exhibit more confidence, whereas millennials and Gen Xers are the most inclined to participate in SIPs. Additional evidence that risk appetite, SIP duration, investment proficiency, and return expectations significantly affect investor satisfaction was obtained via regression and ANOVA analysis. Motilal Oswal can enhance investors' experiences and financial outcomes via data-driven investment solutions, tailored advisory services, and continuous financial education.

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