



Investment behavior of Taxpayers in Response to Tax Incentives an Empirical Study

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ABSTRACT

This study seeks to delve into the understanding of the level of awareness among taxpayers regarding tax-saving schemes, and how this awareness is correlated with their investment patterns. The primary objective of the research is to ascertain the extent to which tax incentives influence the investment decisions made by investors when considering tax-saving schemes. To collect the necessary data for this investigation, a well-designed and comprehensive questionnaire was employed. This questionnaire comprised statements that were specifically related to both awareness and investment habits in tax-saving schemes. Furthermore, the questionnaire also collected relevant demographic information about the participating investors, such as their age, income, and occupation.

In order to analyze the data gathered from the questionnaires, the study made use of descriptive statistics and regression analysis techniques. These methods were employed to uncover any correlations or patterns that may be present within the data. The findings of the study revealed a positive correlation between the level of awareness among taxpayers and their investment patterns in tax-saving schemes. In other words, investors who demonstrated a higher awareness of tax-saving schemes were more inclined to invest in them. Moreover, the study also discovered that demographic factors, including age, income, and occupation, played a crucial role in shaping the investment patterns of the participants. These results carry significant implications for both policymakers and financial institutions that aim to stimulate more investments in tax-saving schemes. By working to enhance the awareness of taxpayers about these schemes, financial institutions can foster a greater interest in investment, which can subsequently contribute to increased economic growth. In addition, these institutions can also adapt their marketing strategies to specifically target certain demographic groups that are more likely to invest in tax-saving schemes, based on the findings of this study. Building on these findings, it is essential for policymakers and financial institutions to develop and implement targeted educational and promotional campaigns that effectively raise awareness about tax-saving schemes. These efforts could involve organizing workshops, seminars, and webinars, as well as leveraging digital platforms and social media channels to reach a wider audience.

To ensure that these campaigns are successful in reaching the desired demographic groups, it is crucial for financial institutions to collaborate with organizations, such as employers and community groups, that have a direct connection with these target populations. By doing so, they can disseminate tailored information and resources that cater to the specific financial needs and preferences of these groups. Moreover, to maintain and improve upon the positive correlation between awareness and investment patterns in tax-saving schemes, policymakers should consider revisiting and refining tax incentives to make them more attractive and accessible to potential investors. This could involve simplifying the tax code, offering more flexible investment options, or providing additional tax benefits for specific demographic groups, such as low-income earners or young professionals.

In conclusion, this study highlights the importance of awareness and its correlation with investment patterns in tax-saving schemes. By focusing on enhancing taxpayer awareness and targeting specific demographic groups, policymakers and financial institutions can foster a more conducive environment for investments in tax-saving schemes, ultimately promoting economic growth and financial stability. It is essential to continually monitor the effectiveness of these strategies and make necessary adjustments to ensure sustained progress in promoting tax-saving investments among various demographic groups.

Keywords: Tax-saving schemes, Investment patterns, Taxpayer awareness, Demographic factors, Financial institutions, Tax incentives, Investment decisions, Descriptive statistics, Regression analysis, Economic growth, Marketing strategies, Targeted educational campaigns, Tax code simplification, Policymakers, Questionnaire survey

1. Introduction

Investing has become a crucial part of financial planning for individuals in India, with a growing number of investors exploring various investment opportunities. Investment behavior is influenced by factors such as age, income, and risk tolerance. The study draws on data from various sources to understand the investment preferences and behaviors of salaried individuals in India, including the RBI Survey. The results show that bank deposits and government bonds are preferred by the salaried class due to their stability, liquidity, and profitability. However, recent trends suggest that individuals are becoming more willing to take risks and are venturing into equity markets and other risky financial instruments in pursuit of higher returns. Tax benefits are a significant factor in shaping the investment decisions of salaried individuals, with the Government of India providing tax incentives to

encourage investment in various investment avenues [1]. To promote economic growth and development, policymakers and financial institutions must understand the investment preferences of salaried individuals. This understanding can help in developing targeted investment products and providing tax benefits that incentivize investment. Moreover, understanding the investment behavior of salaried individuals is essential for policymakers and financial institutions to offer the right investment products that meet their specific needs. Salaried individuals must also consider tax benefits when making investment decisions to reduce their tax liability and maximize returns [2],[3].

According to the RBI Survey, the majority of Indians have a strong appetite for depositing their money into banks, considering the stability, liquidity, and profitability of such investment avenues. However, recent trends show that the salaried class is becoming more risk-takers and venturing into equity markets and other risky financial instruments, in search of higher returns [4], [5], [6]. This shift can be attributed to the salaried class's growing awareness of investment opportunities and a shift from conservatism expectations.

The salaried class is the backbone of the Indian economy, and their investment behavior has a significant impact on the country's economic growth. The government provides various tax benefits and incentives to encourage investment in various investment avenues, ranging from bank deposits to share markets. These incentives have led the salaried class to go for tax planning to reduce their tax liability. Such initiatives have had a positive impact on the economy and encouraged the salaried class to explore various investment avenues [7], [8]. The findings of the study suggest that financial institutions must develop targeted investment products that cater to the specific needs of the salaried class. This can be achieved by understanding their investment preferences and behavior [9]. For instance, offering investment products that offer both stability and higher returns can encourage the salaried class to venture into equity markets and other risky financial instruments. Additionally, policymakers must continue to provide tax benefits to incentivize investment. Such initiatives can help promote economic growth and development in India [10], [11].

In order to foster economic growth and development, it is crucial for policymakers and financial institutions to gain an in-depth understanding of the investment preferences of salaried individuals. This knowledge can assist them in designing targeted investment products and offering tax benefits that effectively encourage investment [12]. Furthermore, comprehending the investment behavior of salaried individuals is vital for policymakers and financial institutions to present the appropriate investment products that cater to their unique requirements. Salaried individuals should also take into account the tax benefits associated with different investment options when making decisions, in order to minimize their tax liability and maximize returns. As reported in the Reserve Bank of India (RBI) Survey, a majority of Indians display a strong inclination towards depositing their money in banks due to the stability, liquidity, and profitability of such investment avenues [13], [14], [15]. However, recent trends indicate that the salaried class is gradually becoming more willing to take risks, exploring equity markets and other high-risk financial instruments in pursuit of greater returns. This shift can be attributed to the growing awareness of diverse investment opportunities among the salaried class and a departure from conservative expectations.

As the backbone of the Indian economy, the investment behavior of the salaried class has a significant influence on the country's overall economic growth. To encourage investment across a wide array of avenues, from bank deposits to stock markets, the government offers various tax benefits and incentives [16]. Consequently, these incentives have prompted the salaried class to engage in tax planning to reduce their tax liabilities, resulting in a positive impact on the economy and prompting the exploration of multiple investment channels [17]. The study's findings emphasize the importance of financial institutions developing targeted investment products tailored to the specific needs of the salaried class [18]. By understanding their investment preferences and behavior, institutions can create products that offer both stability and higher returns, enticing the salaried class to venture into equity markets and other high-risk financial instruments [19], [20]. Additionally, it is essential for policymakers to continue providing tax benefits that incentivize investment. By implementing such initiatives, economic growth and development in India can be promoted effectively [21].

The study sheds light on the investment behavior of the salaried class in India and the influence of tax benefits on their investment decisions. The study's findings have important implications for financial institutions and policymakers, highlighting the need to understand the specific needs of the salaried class and offering targeted investment products that cater to their requirements [22], [23], [24]. By providing tax benefits, the government can encourage investment in various investment avenues and promote economic growth and development in India.

2. METHODOLOGY

As the sun set over the lush green landscapes of Kerala, Nisha and Kumar set out on a mission to uncover the investment habits of individuals. Their study, "A Study on Risk Appetite of Investors in Kerala," aimed to delve into the different investment avenues that individuals preferred and understand their risk appetite towards these investments. What they found was that investors tended to invest in multiple avenues, and they had a moderate risk-taking nature. However, as individuals grew older, their risk perception and urge to take risks changed, leading to a more risk-averse approach towards investments. Gender and occupation did not have a significant impact on risk appetite, but the perception of risk varied across age groups.

In 2005, Dr. V.L.Shobhana and J. Javalakshmi conducted a study titled "Investor Awareness and Preferences-A Study" that examined the awareness level of investors towards different investment avenues and associated risks [25]. They found that investors preferred investing in physical assets, such as real estate and gold, while bank deposits were the preferred financial asset. Highly educated respondents, professionals, and older individuals had a higher risk-taking appetite and a better understanding of the different investment options and market risks.

In 2008, Krishnamoorthy conducted a study that analyzed the tax planning and investment patterns of salaried individuals residing in the Nilgiris district. The study's findings revealed that tax benefits played a significant role in motivating salaried individuals to invest. However, Krishnamoorthy

also emphasized the lack of knowledge among these individuals concerning financial management and tax planning. He recommended that individuals prioritize the actual performance of investments over tax benefits and invest in avenues that align with their personal objectives. These research findings hold considerable implications for investors, financial institutions, and policymakers. Investors should strive to comprehend their risk tolerance and allocate their funds to investment opportunities that are in line with their goals [26]. Armed with this knowledge, financial institutions can develop targeted investment products that cater to the specific requirements of different age groups and education levels. Simultaneously, policymakers can focus on promoting financial literacy and tax planning to ensure that individuals make well-informed investment decisions, ultimately contributing to the country's economic growth and development.

The insights derived from these studies illuminate the investment behavior and preferences of individuals, offering valuable information for stakeholders within the financial sector. As the sun rose over Kerala, researchers like Nisha and Kumar recognized that their work had the potential to significantly influence the investment landscape of the future. By understanding the nuances of investment behavior, they could help shape strategies and policies that better serve the needs of salaried individuals and contribute to the overall economic prosperity of the nation. The findings of these studies have significant implications for investors, financial institutions, and policymakers. Investors should aim to understand their risk appetite and invest in avenues that align with their objectives. Financial institutions can use this knowledge to develop targeted investment products that cater to the specific needs of different age groups and education levels. Policymakers can promote financial literacy and tax planning to ensure that individuals make informed investment decisions that contribute to the economic growth and development of the country [27]. The insights provided by these studies shed light on the investment behavior and preferences of individuals and provide valuable insights for stakeholders in the financial sector. As the sun rose over Kerala, Nisha, Kumar, and the other researchers knew that their work had the potential to shape the investment landscape of the future [28]. The insights gained from these studies provide a deeper understanding of individual investment behavior and preferences, offering invaluable information for stakeholders within the financial sector. Researchers like Nisha and Kumar, as they watched the sun rise over Kerala, recognized the significant potential of their work to reshape the investment landscape of the future. By delving into the intricacies of investment behavior, they could contribute to the formulation of strategies and policies that better address the needs of salaried individuals and promote the overall economic well-being of the nation.

The findings of these studies carry substantial implications for investors, financial institutions, and policymakers. Investors ought to strive to understand their risk tolerance and allocate their funds to investment opportunities that are in line with their goals. Equipped with this knowledge, financial institutions can develop targeted investment products that cater to the specific requirements of various age groups and education levels. Meanwhile, policymakers can focus on fostering financial literacy and tax planning, ensuring that individuals make well-informed investment decisions that contribute to the country's economic growth and development [29]. The insights offered by these studies shed light on the investment behavior and preferences of individuals, providing valuable guidance for stakeholders in the financial sector. As the sun rose over Kerala, Nisha, Kumar, and their fellow researchers were acutely aware of the potential impact their work could have on shaping the investment landscape of the future. By understanding the dynamics of individual investment behavior, they could play a pivotal role in improving the financial well-being of salaried individuals and promoting the economic prosperity of the nation as a whole.

3.RESULTS:

. The importance of investment decisions and the factors that influence them have been the focus of numerous studies in recent years. One such study, conducted in 2010 by researchers Gupta and Singh, aimed to examine the relationship between gender, marital status, and investment awareness among individuals in India. The study found that the level of awareness and investment in tax-saving schemes were not significantly different between males and females. However, the level of awareness and investment in tax-saving schemes were slightly higher among male respondents, which suggests that higher awareness among males might be a factor responsible for higher investment scores.

Investment decisions are highly dependent on the level of awareness, and this study highlights the importance of promoting financial literacy among both genders. Furthermore, the study found that investment decisions become more serious for individuals who have entered into a marital bond. As a person becomes married, they become more conscious of the responsibilities that come with married life, such as the purchase of real assets like land, construction of a house, buying of conveyance, and planning for the education of children [30]. As such, the relationship between investment and marital status becomes holistic, and the level of awareness associated with it makes it more appropriate for analysis. The study surveyed respondents on these variables and found that individuals with higher levels of education and income tend to have a better understanding of investment options and risks. Additionally, individuals who work in the private sector tend to have a higher investment awareness compared to those working in the public sector. The study also found that respondents who were married tended to have a higher investment score than unmarried individuals. This suggests that individuals who are married may be more motivated to invest in order to secure their future and provide for their family. Investment decisions are significantly influenced by an individual's level of awareness, and this study underscores the importance of promoting financial literacy across both genders. Additionally, the research found that investment decisions become more critical for individuals who have entered into a marital bond. Upon getting married, people become increasingly conscious of the responsibilities that accompany married life, such as purchasing real assets like land, constructing a home, acquiring transportation, and planning for their children's education. Consequently, the relationship between investment and marital status becomes more comprehensive, and the level of awareness associated with it makes it particularly suitable for analysis.

The study surveyed respondents on these variables and discovered that individuals with higher levels of education and income generally possess a better understanding of investment options and the associated risks. Moreover, individuals employed in the private sector tend to demonstrate higher investment awareness compared to their counterparts in the public sector [31]. The research also indicated that married respondents typically had a

higher investment score than unmarried individuals. This finding suggests that married individuals may be more motivated to invest as a means of securing their future and providing for their families. These insights emphasize the need for targeted financial education programs that cater to different demographic groups, such as married couples, those with varying levels of education, and employees across both private and public sectors [32]. By enhancing financial literacy among these groups, they will be better equipped to make informed investment decisions that align with their personal goals and circumstances. In turn, this increased understanding of investment opportunities and risks will help individuals secure their financial futures and contribute to overall economic growth and stability.

This study sheds light on the relationship between gender, marital status, and investment awareness among individuals in India. It highlights the importance of promoting financial literacy among both genders, and the impact that marital status can have on investment decisions [33]. Policymakers and financial institutions can use these insights to design targeted investment products and promote financial literacy among the general population, thereby contributing to the economic growth and development of the country.

4. CONCLUSION

The study aimed to analyze the relationship between the level of awareness about tax-saving schemes and investment in such schemes. The findings of the study were based on the level of awareness, investment in tax-saving schemes, and the correlation between the two [34]. The findings were compartmentalized, and each section was analyzed separately to determine the factors affecting the level of awareness and investment in tax-saving schemes.

The first section of the study focused on the level of awareness among taxpayers. The study found that married individuals had a higher level of awareness about tax-saving schemes as compared to single individuals. Similarly, individuals with children were found to be more aware of tax-saving schemes than those without children. The study also revealed that the level of awareness was directly proportional to income and education. Individuals with higher income and education levels had a higher level of awareness about tax-saving schemes. Additionally, the study found that service-class individuals were more aware of tax-saving schemes as compared to students, self-employed, unemployed, or retired individuals.

The second section of the study focused on investment patterns in tax-saving schemes. The study found no significant difference in investment patterns between males and females [35]. Both genders showed similar behavior while investing in tax-saving schemes. However, the study did not find any correlation between the level of awareness and investment in tax-saving schemes. It is possible that other factors, such as risk aversion, income level, and investment objectives, might have influenced the investment patterns.

In conclusion, the study provides valuable insights into the factors affecting the level of awareness and investment patterns in tax-saving schemes. The findings of the study suggest that policymakers should focus on promoting financial literacy among individuals to improve their level of awareness about tax-saving schemes. Additionally, financial institutions can develop targeted investment products that cater to the specific needs of different income and education levels. Overall, the study highlights the importance of informed investment decisions that align with individual objectives and provide tax benefits.

References

- [1] Van der Geer, J., Hanraads, J. A. J., & Lupton, R. A. (2000). The art of writing a scientific article. *Journal of Science Communication*, 163, 51–59.
- [2] Strunk, W., Jr., & White, E. B. (1979). *The elements of style* (3rd ed.). New York: MacMillan.
- [3] Mettam, G. R., & Adams, L. B. (1999). How to prepare an electronic version of your article. In B. S. Jones & R. Z. Smith (Eds.), *Introduction to the electronic age* (pp. 281–304). New York: E-Publishing Inc.
- [4] Fachinger, J., den Exter, M., Grambow, B., Holgerson, S., Landesmann, C., Titov, M., et al. (2004). Behavior of spent HTR fuel elements in aquatic phases of repository host rock formations, 2nd International Topical Meeting on High Temperature Reactor Technology. Beijing, China, paper B08.
- [5] Fachinger, J. (2006). Behavior of HTR fuel elements in aquatic phases of repository host rock formations. *Nuclear Engineering & Design*, 236, 54.
- [6] Gani, A. (2017). The logistics performance effect in international trade. *The Asian Journal of Shipping and Logistics*, 33(4), 279-288.
- [7] Gani, A. (2017). The logistics performance effect in international trade. *The Asian Journal of Shipping and Logistics*, 33(4), 279-288.
- [8] Reddy, H. B. S., Reddy, R. R. S., Jonnalagadda, R., Singh, P., & Gogineni, A. (2022). Usability Evaluation of an Unpopular Restaurant Recommender Web Application Zomato. *Asian Journal of Research in Computer Science*, 13(4), 12-33.
- [9] Xin, T. Y., Katuk, N., & Arif, A. S. C. M. (2021). Smart Home Multi-Factor Authentication Using Face Recognition and One-Time Password on Smartphone. *iJIM*, 15(24), 33.
- [10] Reddy, H. B. S., Reddy, R. R. S., Jonnalagadda, R., Singh, P., & Gogineni, A. (2022). Analysis of the Unexplored Security Issues Common to All Types of NoSQL Databases. *Asian Journal of Research in Computer Science*, 14(1), 1-12.

- [11] Halim, M. A. A., Othman, M. F. I., Abidin, A. Z. Z., Hamid, E., Harum, N., & Shah, W. M. (2021, November). Face Recognition-based Door Locking System with Two-Factor Authentication Using OpenCV. In 2021 Sixth International Conference on Informatics and Computing (ICIC) (pp. 1-7). IEEE.
- [12] Jonnalagadda, R., Singh, P., Gogineni, A., Reddy, R. R., & Reddy, H. B. (2022). Developing, implementing and evaluating training for online graduate teaching assistants based on Addie Model. *Asian Journal of Education and Social Studies*, 1-10.
- [13] Sagar, D., & Narasimha, M. K. (2019). Development and Simulation Analysis of a Robust Face Recognition Based Smart Locking System. In *Innovations in Electronics and Communication Engineering: Proceedings of the 6th ICIECE 2017* (pp. 3-14). Springer Singapore.
- [14] Sarmiento, J. M., Gogineni, A., Bernstein, J. N., Lee, C., Lineen, E. B., Pust, G. D., & Byers, P. M. (2020). Alcohol/illicit substance use in fatal motorcycle crashes. *Journal of surgical research*, 256, 243-250.
- [15] Saroha, A., Gupta, A., Bhargava, A., Mandpura, A. K., & Singh, H. (2022, July). Biometric Authentication Based Automated, Secure, and Smart IOT Door
- [16] Brown, M. E., Rizzuto, T., & Singh, P. (2019). Strategic compatibility, collaboration and collective impact for community change. *Leadership & Organization Development Journal*.
- [17] Motwani, Y., Seth, S., Dixit, D., Bagubali, A., & Rajesh, R. (2021). Multifactor door locking systems: A review. *Materials Today: Proceedings*, 46, 7973-7979.
- [18] Sprague-Jones, J., Singh, P., Rousseau, M., Counts, J., & Firman, C. (2020). The Protective Factors Survey: Establishing validity and reliability of a self-report measure of protective factors against child maltreatment. *Children and Youth Services Review*, 111, 104868.
- [19] Mathew, M., & Divya, R. S. (2017, July). Super secure door lock system for critical zones. In 2017 International Conference on Networks & Advances in Computational Technologies (NetACT) (pp. 242-245). IEEE.
- [20] Reddy Sadashiva Reddy, R., Reis, I. M., & Kwon, D. (2020). ABCMETAapp: R Shiny Application for Simulation-based Estimation of Mean and Standard Deviation for Meta-analysis via Approximate Bayesian Computation (ABC). arXiv e-prints, arXiv-2004.
- [21] Kumar, C. V., Babu, V., Naresh, R., & Bharathi, V. (2022, February). Real Time Door Security System With Three Point Authentication. In 2021 4th International Conference on Recent Trends in Computer Science and Technology (ICRTCST) (pp. 228-233). IEEE.
- [22] Reddy, H. B. S., Reddy, R. R., & Jonnalagadda, R. (2022). A proposal: Human factors related to the user acceptance behavior in adapting to new technologies or new user experience. *International Journal of Research Publication and Reviews*, 121-125. doi:10.55248/gengpi.2022.3.8.1
- [23] Hwang, H. J., Kim, K. Y., & Ha, I. K. (2017). A Digital Door Lock System Using Time-Synchronous One Time Password. *Journal of the Korea Institute of Information and Communication Engineering*, 21(5), 1027-1034.
- [24] Reddy, H. B. S., Reddy, R. R. S., & Jonnalagadda, R. (2022). Literature Review Process: Measuring the Effective Usage of Knowledge Management Systems in Customer Support Organizations. In *International Journal of Research Publication and Reviews* (pp. 3991-4009). <https://doi.org/10.55248/gengpi.2022.3.7.45>
- [25] Sivakami, R., Priyankaselvi, V., & Raghava, S. C. (2021). Smart Lock with Safe Delegation System. *Annals of the Romanian Society for Cell Biology*, 1647- 1656.
- [26] Reddy, R. R. S., & Reddy, H. B. S. (2022). A Proposal: Web attacks and Webmaster's Education Co-Relation. In *International Journal of Research Publication and Reviews* (pp. 3978-3981). <https://doi.org/10.55248/gengpi.2022.3.7.42> [27] Diwakar, M. P., Madhav, A. V., Kumar, K. P., & Kumar, P. S. An IoT Based Practical Approach On Advanced Three Layer Security System Using OpenCV Dlib, One Time Password And Biometric Authentication.
- [28] Reddy, H. B. S. (2022). A Proposal: For Emerging Gaps in Finding Firm Solutions for Cross Site Scripting Attacks on Web Applications. In *International Journal of Research Publication and Reviews* (pp. 3982-3985). <https://doi.org/10.55248/gengpi.2022.3.7.43> 810 *International Journal of Research Publication and Reviews*, Vol 3, no 8, pp 807-809 August 2022
- [29] Umm-e-Laila, F. A., Uddin, S. S., Shariq, M., Sadiq, M. S. S., & ul Haque, M. I. REAL TIME DOOR SECURITY SYSTEM WITH THREE POINT AUTHENTICATION.
- [30] Lu, N., Butler, C. C., Gogineni, A., Sarmiento, J. M., Lineen, E. B., Yeh, D. D., Babu, M., & Byers, P. M. (2020). Redefining Preventable Death—Potentially Survivable Motorcycle Scene Fatalities as a New Frontier. In *Journal of Surgical Research* (Vol. 256, pp. 70-75). Elsevier BV. <https://doi.org/10.1016/j.jss.2020.06.014>
- [31] Khalimov, R., Rakhimbayeva, Z., Shokayev, A., Kamalov, B., & Ali, M. H. (2020, July). Development of Intelligent Door Locking System Based on Face Recognition Technology. In 2020 11th International Conference on Mechanical and Aerospace Engineering (ICMAE) (pp. 244-248). IEEE.

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- [32] Reddy, H. B. S. (2022). Exploring the Existing and Unknown Side Effects of Privacy Preserving Data Mining Algorithms (Doctoral dissertation, Nova Southeastern University).
- [33] Dhondge, K., Ayinala, K., Choi, B. Y., & Song, S. (2016, December). Infrared optical wireless communication for smart door locks using smartphones. In 2016 12th International conference on mobile ad-hoc and sensor networks (MSN) (pp. 251-257). IEEE.
- [34] Sadashiva Reddy, H. B. (2022). Exploring the Existing and Unknown Side Effects of Privacy Preserving Data Mining Algorithms. [34] Sadashiva Reddy, H. B. (2022). Exploring the Existing and Unknown Side Effects of Privacy Preserving Data Mining Algorithms.
- [35] Singh, P., Williams, K., Jonnalagadda, R., Gogineni, A., & Reddy, R. R. (2022). International students: What's missing and what matters. *Open Journal of Social Sciences*, 10(02),