Library Progress International
Vol.44 No.3, Jul-Dec 2024: P. 23183-23192

Print version ISSN 0970 1052
Online version ISSN 2320 317X

Original Article
Available online at www.bpasjournals.com

Gender-Based Financial Investment Decisions: Lessons from the Global Literature Tailored for the Indian Context

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How to cite this article: Ruban Christopher. A, A.R. Nithya (2024). Gender-Based Financial Investment Decisions: Lessons from the Global Literature Tailored for the Indian Context. Library Progress International, 44(3), 23183-23192

Abstract:
: This research examines gender-based financial investment decisions with a focus on global literature and its relevance to the Indian context. It highlights the significant differences between men and women in investment behavior, risk tolerance, and financial literacy. Globally, women tend to be more risk-averse, often preferring safer investments like bonds and savings accounts, while men lean toward riskier options such as stocks. In India, gender disparities are more pronounced due to socio-cultural factors, lower financial literacy, and limited access to investment opportunities, particularly in rural areas. The study also reviews global examples of women-focused financial products and policy interventions, providing lessons for Indian policymakers to improve financial inclusion for women. A systematic methodology was used to analyze 29 peer-reviewed papers from global and Indian literature. Key recommendations include enhancing financial literacy programs tailored to women, developing inclusive financial products, and addressing societal barriers to women's financial autonomy. The findings suggest that improving women's financial knowledge and participation in investment markets can contribute to greater financial security and economic growth in India.

Keywords: gender-based investment, financial literacy, risk aversion, financial inclusion, India, women investors

1. 1. Introduction

The importance of gender in financial investment decisions has become an increasingly relevant topic globally. Studies have highlighted significant differences between men and women in their approach to financial investments, with various factors such as financial literacy, risk aversion, and socio-economic conditions playing a role. Globally, it has been observed that women tend to be more conservative in their investment choices compared to men. This is often attributed to higher levels of risk aversion among women, with studies suggesting that women are more likely to choose less risky investments such as bonds and savings accounts over stocks (Embrey & Fox, 1998). In India, women's participation in financial investments has been historically limited, but recent years have seen an increase in women taking control of their financial futures, influenced by growing financial independence and educational advancements (Chaudhery, 2017).

Financial literacy also plays a crucial role in shaping investment decisions, with women generally exhibiting lower levels of financial literacy than men, which can impact their confidence and ability to make informed decisions (D'silva, 2013). In India, despite some progress, significant barriers remain, particularly in rural areas where cultural and social norms further limit women's financial autonomy (Kumar & Kumar, 2020). Additionally, the rise of digital banking and financial services has provided more opportunities for women to engage in investments, yet the gender gap persists in terms of participation and outcomes. Globally, women control approximately $20 trillion in financial investments, but studies show they often lack confidence in their investment knowledge, leading to lower satisfaction and outcomes compared to men (Gaur et al., 2012). This review seeks to explore these global trends and tailor the findings to the Indian context to highlight the unique challenges and opportunities faced by Indian women in financial investment decisions.

1.1. Scope:

This review focuses on understanding the gender-based differences in financial investment behavior, particularly in relation to risk tolerance, decision-making processes, and financial literacy. Globally, it is well-established that women are generally more risk-averse than men, which leads them to prefer safer, lower-yielding investments. For example, research conducted by Embrey & Fox (1998) found that women are more likely to invest in conservative assets like bonds and savings accounts, whereas men tend to favor riskier assets like stocks and mutual funds. This risk-averse behavior is often shaped by socio-economic factors, education, and cultural attitudes toward gender roles (Prashanta Kumar & Sanjeet Kumar, 2020).

In the Indian context, gender plays a significant role in financial decision-making, with women often being discouraged from engaging in risky investments due to societal expectations (Kansal & Singh, 2013). Moreover, women's investment decisions are heavily influenced by their marital status, income, and education levels. Research by Kansal & Singh (2013) further highlights that married women tend to be more conservative in their investment choices than single women, as they prioritize the financial security of their families over personal financial growth.

Financial literacy is another critical factor affecting investment decisions. Globally, women tend to have lower levels of financial literacy compared to men, which impacts their ability to make informed investment decisions. In India, despite the increasing financial independence of women, the gap in financial literacy remains significant, particularly in rural areas (D'silva, 2013). Women in urban India are more likely to invest in financial markets than their rural counterparts, reflecting the disparities in access to education and financial services (C. Sharma & B. Joshi, 2016). This review will also explore how cultural and societal norms in India impact women's financial autonomy, and the role that financial institutions can play in closing this gap.

1.2 Problem Statement:

The gender gap in financial literacy and investment participation is a persistent issue, both globally and in India. Studies have consistently shown that women are less likely to invest in financial markets than men, due in large part to lower levels of financial literacy and higher risk aversion. In India, the problem is further compounded by social and cultural barriers that discourage women from taking an active role in financial decision-making (Ruchi Patel, 2018). According to a report by the National Centre for Financial Education (NCFE), only 27% of Indian women are financially literate, compared to 39% of men, which severely limits their ability to make informed investment decisions. Additionally, the lack of targeted financial education programs for women exacerbates this issue, as many women are unaware of the various investment options available to them (Sanjeet Kumar & Prashant Kumar, 2020).

Investment participation is also influenced by socio-economic factors such as income, education, and marital status. Research by Kansal & Singh (2013) found that women with higher levels of education and income are more likely to invest in financial markets, but the majority of Indian women, particularly in rural areas, do not have access to the necessary resources or information to make sound investment decisions. This lack of access to financial resources is a major barrier to women's economic empowerment, as it limits their ability to build wealth and achieve financial security.

In terms of risk aversion, studies have shown that women are generally more conservative in their investment choices than men, which can lead to lower returns over time (Embrey & Fox, 1998). This conservative approach is often driven by a fear of financial loss, as well as a lack of confidence in their financial knowledge. In India, this risk aversion is particularly pronounced among women, with many opting for safe, low-yielding investments such as fixed deposits and gold (Chaudhery, 2017). However, this conservative approach can also limit women's ability to build wealth over the long term, as they are less likely to take advantage of higher-risk, higher-return investment opportunities.

This review aims to explore these issues in greater detail, drawing on global literature to identify strategies that can help close the gender gap in financial literacy and investment participation, particularly in the Indian context.

1.3. Research Questions:

- What lessons can India learn from global studies on gender-based financial investment decisions?
- How do gender differences in financial behavior, risk tolerance, and decision-making processes vary globally?
- What specific strategies can be implemented in India to address the gender gap in financial literacy and investment participation?

2. 2. Systematic Research Methodology

In conducting this comprehensive review on gender-based financial investment decisions, we employed a systematic methodology to identify and analyze relevant research papers. The aim was to extract insights from both global and Indian literature to understand the factors influencing women's investment behaviors and how these findings can be applied to the Indian context. A structured approach was used to ensure the selection of

high-quality, peer-reviewed research that would contribute valuable data and analysis to the review.
To begin, a detailed search strategy was designed to cover a broad range of topics related to gender-based financial investment decisions. Databases such as JSTOR, Google Scholar, Scopus, and Web of Science were used to conduct the search. Keywords such as “gender-based investment decisions,” “financial literacy and gender,” “risk aversion in investment,” “women financial inclusion,” and “gender disparity in financial behavior” were applied. The search was further refined by including geographic filters to capture both global and Indian-specific studies. Studies published between 1998 and 2023 were included to ensure that the review reflected both historical trends and recent developments.
After conducting the initial search, 87 research papers were identified based on their titles and abstracts. These papers were then screened to determine their relevance to the research questions posed in this review. Papers that specifically focused on gender differences in financial literacy, risk tolerance, decision-making, and investment patterns were prioritized. The inclusion criteria required that the studies be peer-reviewed, published in reputable journals, and available in English. Studies that solely focused on regions outside India without generalizable findings were excluded. Following this screening, 46 papers were deemed relevant for further consideration.
To refine the selection further, data extraction was carried out, focusing on specific aspects of the research. Key data points such as the geographical context (global or Indian), the target demographic (male vs. female investors), the type of financial products studied (stocks, bonds, savings, etc.), and the methodologies used (surveys, interviews, case studies, etc.) were recorded. This extraction helped in narrowing down the papers that offered both quantitative and qualitative insights into the gender dynamics of financial investment. Studies that provided empirical evidence on gender-specific risk behavior, financial literacy, and socio-cultural influences were given higher priority. After this stage, 35 papers were shortlisted based on their comprehensive data and relevance to the Indian context.
The quality assessment phase involved critically evaluating the robustness of the research methodologies used in the shortlisted papers. Papers that employed large sample sizes, rigorous statistical analysis, and longitudinal studies were rated highly. The assessment also considered whether the studies controlled for important variables such as education, income levels, and marital status, which are known to influence investment decisions. Papers that lacked methodological rigor, such as those with small sample sizes or limited data analysis, were excluded at this stage. This quality control process reduced the final number of selected papers to 29, ensuring that only the most reliable and relevant research was included in the review.
Ultimately, the 29 selected papers represented a diverse range of studies, including both global perspectives and Indian-specific research. These papers covered key areas such as gender differences in risk tolerance, the role of financial literacy in shaping investment behavior, cultural factors influencing women’s financial decisions, and the effectiveness of financial inclusion initiatives. The final set of papers allowed for a comprehensive exploration of the gender gap in financial investment decisions and provided valuable lessons for policymakers and financial institutions in India.

3. 3. Global Literature Review: Gender-Based Financial Investment Decisions

3.1 Investment Patterns by Gender:

Research on gender-specific investment behavior reveals consistent patterns in risk aversion and portfolio management. Women generally exhibit higher levels of risk aversion compared to men, which influences their investment decisions. A study by Embrey and Fox (1998) shows that women tend to prefer less risky assets, such as bonds and savings accounts, whereas men are more likely to invest in stocks and other high-risk financial instruments. This difference in risk tolerance has significant implications for portfolio management, as women’s conservative approach often results in lower long-term returns (Christiansen et al., 2010).
Global studies have shown that women are less likely to invest in risky assets, such as equities, but instead prefer safer options like fixed deposits and government bonds. For example, a report on gender and investment trends by Raees and Raheem (2017) highlighted that women in developing economies, including India, favor investments in gold and real estate, while men are more inclined toward stock market investments. This conservative approach to investment may limit women's wealth accumulation over time. Additionally, women tend to invest for long-term goals, such as family welfare and retirement, with lower expectations of immediate financial gains (Gaur et al., 2012).

3.2 Influence of Financial Literacy:

Financial literacy is a critical factor in shaping investment decisions, with numerous studies confirming that a lack of financial knowledge can significantly hinder women’s participation in financial markets. Women often face challenges in accessing financial education, which limits their ability to make informed investment decisions. Research by Sharma and Joshi (2016) found that women with higher levels of financial literacy are more likely to invest in financial markets, suggesting that educational programs aimed at improving financial literacy could bridge the gender gap in investment behavior.
A study by Graham et al. (2002) emphasized the importance of financial literacy in enhancing women’s investment confidence. Women generally exhibit lower confidence in their financial knowledge, which results in more conservative investment decisions. This lack of confidence can lead women to rely more on financial

advisors or male family members for investment decisions, further limiting their financial autonomy. Moreover, Pinto (2013) highlights that women's financial literacy levels are often lower than men's, particularly in developing countries, which contributes to the gender disparity in investment participation.

3.3 Cultural Factors:

Cultural norms and societal expectations play a significant role in shaping gender-based investment behavior. In many countries, traditional gender roles dictate that men are the primary financial decision-makers, which influences women's participation in financial investments. A study by Patel (2018) found that in India, cultural attitudes toward gender roles significantly restrict women's involvement in financial decisions, particularly in rural areas where patriarchal norms are more prevalent.

In contrast, studies from more gender-equal societies show that women's participation in financial investments is higher, and the gender gap in financial behavior is narrower. For instance, Alsos and Ljunggren (2017) found that in Scandinavian countries, where gender equality is more established, women are more likely to invest in financial markets and take on greater financial risks. This indicates that cultural attitudes toward gender roles can either encourage or discourage women from participating in financial investments, depending on the level of gender equality in a given society.

3.4 Lessons for Developing Economies:

Developing economies, such as India, can learn valuable lessons from countries that have successfully reduced gender gaps in financial investment. One key strategy is improving financial literacy through targeted education programs. Research by Sharma and Joshi (2016) emphasizes the importance of financial education in empowering women to make informed investment decisions. In countries like Canada and the United Kingdom, government-led initiatives aimed at improving financial literacy among women have resulted in higher levels of investment participation (Graham et al., 2002).

Another lesson is the role of financial institutions in creating products that cater to women's investment needs. Studies from developed economies show that women are more likely to invest in financial products that are tailored to their risk preferences and long-term financial goals. For example, in Scandinavian countries, financial institutions offer women-specific investment products, which have contributed to higher levels of female participation in financial markets (Alsos & Ljunggren, 2017). Developing economies can adopt similar strategies to encourage women's investment participation and reduce the gender gap in financial behavior.

4. 4. Gender-Specific Investment Behavior in the Indian Context

4.1 Overview of Financial Inclusion in India:

India has made significant strides in promoting financial inclusion over the past decade, but gender disparities remain prominent. Women continue to face barriers to accessing financial products and services, resulting in lower participation in the formal financial sector. According to a 2020 report, only 27% of women in India are financially literate, compared to 39% of men (Kumar & Kumar, 2020). This disparity in financial literacy limits women's ability to make informed investment decisions. Additionally, women in rural areas are less likely to have access to banking and investment products due to infrastructural and societal constraints. For example, the Pradhan Mantri Jan Dhan Yojana (PMJDY) has played a crucial role in providing access to banking for women, but their engagement with investment products remains low (Chaudhery, 2017).

A study by Kansal and Singh (2013) highlights that women in India tend to invest more conservatively, opting for savings accounts and gold as safe assets. This risk-averse behavior is often driven by limited financial inclusion and a lack of exposure to investment opportunities. Moreover, women account for a smaller proportion of participants in formal investment markets, with only about 15% of stock market participants being women. Despite recent improvements, women's financial participation remains significantly lower than men's, reinforcing the need for policies and programs to close this gap.

4.2 Social and Cultural Barriers:

Societal norms and cultural expectations significantly influence women's financial independence and risk-taking behavior in India. Traditional gender roles often position men as the primary financial decision-makers, while women are expected to focus on household responsibilities. This societal pressure limits women's autonomy in making investment decisions. A study by Kumar and Kumar (2020) found that women's participation in investment markets is restricted by social constraints, cultural values, and familial expectations. These barriers are particularly pronounced in rural areas, where patriarchal norms are more entrenched.

Research by Patel (2018) further illustrates that societal attitudes toward gender roles discourage women from engaging in high-risk investments, contributing to their conservative investment behavior. Women are often discouraged from taking financial risks due to concerns about potential losses that may impact the family. This cultural reluctance to embrace risk-taking behavior limits women's ability to participate fully in financial markets and prevents them from capitalizing on opportunities for wealth creation.

4.3 Financial Literacy and Education in India:

The gender gap in financial literacy is a significant barrier to women's participation in financial markets in India. Studies have shown that women, on average, score lower in financial literacy tests compared to men, which affects their ability to make informed investment decisions. A study by Sharma and Kaur (2019) revealed that working women in India, particularly those in the education sector, are more likely to prioritize savings over investments due to a lack of financial knowledge. This underscores the importance of financial education programs tailored to women's needs.

In rural areas, the gender gap in financial literacy is even more pronounced, with many women lacking access to basic financial education. This limits their ability to understand investment products and make informed decisions. The National Centre for Financial Education (NCFE) has reported that women are less likely to be aware of investment products such as mutual funds, stocks, and bonds, which contributes to their lower participation in formal financial markets (Kalyani, 2020). Addressing this gap through targeted financial literacy programs could empower women to take more control of their financial futures and increase their participation in investment markets.

4.4 Existing Initiatives and Programs:

Several government initiatives and programs have been implemented in India to promote financial inclusion for women. The Pradhan Mantri Jan Dhan Yojana (PMJDY), launched in 2014, has been instrumental in providing women with access to basic banking services. As of 2021, more than 220 million women have opened Jan Dhan accounts, representing a significant step toward financial inclusion (Kumar & Kumar, 2020). However, while these accounts provide access to savings, women's engagement with investment products remains low.

The Sukanya Samriddhi Yojana (SSY) is another initiative aimed at encouraging long-term investments for the girl child. Under this scheme, parents can invest in a savings account for their daughters, offering higher interest rates than regular savings accounts (Chaudhery, 2017). This program has been particularly effective in promoting financial literacy among women and encouraging them to invest for the future.

Furthermore, the Reserve Bank of India (RBI) has launched initiatives to promote financial literacy among women, particularly in rural areas. These programs aim to educate women about the importance of saving and investing, with a focus on building long-term wealth through formal investment channels (Sharma & Kaur, 2019). Despite these efforts, more needs to be done to bridge the gender gap in financial literacy and investment participation in India.

5. 5. Gender and Risk Aversion in Investment

5.1 Global Perspectives on Risk Aversion:

Gender-based differences in risk aversion have been widely documented across various global studies. Research consistently shows that women tend to be more risk-averse than men, influencing their investment preferences and financial decision-making. For instance, Embrey and Fox (1998) found that women are more likely to invest in conservative assets such as bonds and savings accounts, while men are inclined to invest in riskier assets like stocks and mutual funds. This difference is often attributed to women's greater focus on long-term financial security and aversion to financial loss.

Another study by Barasinska et al. (2009) examined risk attitudes across European countries, revealing that women generally exhibit higher risk aversion than men. This results in women holding less risky portfolios, with a lower percentage of their wealth allocated to stocks compared to men. Similarly, Mittal and Vyas (2009) noted that women's methodical information processing style influences their risk perception, making them more likely to choose low-risk, fixed-income investments over volatile stocks.

Cultural factors also play a role in shaping risk attitudes. Research by Olsen and Cox (2001) highlights that social and cultural norms often encourage men to take more financial risks, while women are socialized to be more cautious with their investments. This is consistent with findings from Brooks et al. (2018), who observed that men tend to dominate joint investment decisions in households, often pushing for riskier financial strategies.

Interestingly, some studies challenge the stereotype that women are universally more risk-averse than men. Barasinska et al. (2011) found that when controlling for investment probability, men and women allocate similar shares of wealth to risky assets, suggesting that factors other than gender, such as financial literacy and experience, may play a more significant role in investment behavior.

5.2 Indian Case Studies on Risk Behavior:

In the Indian context, gender disparities in investment behavior are evident, with women displaying higher levels of risk aversion compared to men. Kansal and Singh (2013) found that women in India tend to invest more conservatively, opting for assets like gold and fixed deposits, which are perceived as safe. This is particularly true for women in rural areas, where social and cultural barriers limit their exposure to riskier investment products like stocks.

Chattopadhyay and DasGupta (2015) conducted an empirical study on Indian investors and found that demographic factors such as age, education, and marital status significantly influence risk behavior. The study revealed that Indian women, especially those with lower income and savings, are more risk-averse than men, reflecting a broader trend of conservative investment strategies among Indian women. However, the study also noted that higher education and income levels tend to decrease risk aversion, suggesting that financial empowerment can play a crucial role in shaping investment behavior.

Kalyani (2020) explored the investment patterns of working women in Mumbai and found that women's participation in investment decisions is often influenced by their risk-taking capability and awareness of available financial options. The study highlighted that women who are more financially literate and independent are more likely to invest in riskier assets, such as mutual funds, compared to those who rely on traditional saving instruments.

Other Indian studies, such as Hemavathy and Gurusamy (2015), have examined women's resistance to equity investments, identifying psychosomatic fear and lack of financial education as key factors contributing to their risk aversion. The study emphasized the importance of investor education programs in boosting women's confidence and encouraging greater participation in the stock market.

Finally, Kumar and Kumar (2020) pointed out that social constraints, religious practices, and cultural values significantly restrict women from investing in the stock market in India. These findings underscore the need for targeted financial literacy initiatives to address gender-based barriers and support women in making more informed investment decisions.

6. 6. Role of Financial Institutions and Products Tailored for Women

6.1 Global Innovations in Women-Focused Financial Products:

Globally, financial institutions have recognized the importance of developing women-focused financial products to address the unique needs of female investors. These innovations include savings accounts with tailored incentives, microfinance platforms, and women-centric investment schemes. Microfinance institutions, especially in developing economies, have played a crucial role in empowering women by providing access to capital for entrepreneurial activities. In countries like Bangladesh, the Grameen Bank has been a pioneer in offering microcredit to women, enabling them to start small businesses and improve their economic standing (Govindapuram et al., 2022).

In addition to microfinance, women-focused savings accounts and investment platforms have been introduced in several countries. For instance, in Latin America, various banks have launched products specifically aimed at female clients, offering lower fees, higher interest rates, or bonuses tied to life events such as childbirth (Cartajena et al., 2017). Similarly, financial institutions in the UK have introduced investment platforms targeting women, recognizing that women tend to prefer lower-risk investments and are more likely to invest in socially responsible ventures (Borkar, 2023).

Tailored financial education is also a key element in fostering women's financial inclusion. Programs designed to improve financial literacy among women have been implemented in countries like Canada and the United States. These programs aim to build women's confidence in managing finances and encourage them to participate in investment markets (Igwe & Adelusi, 2021).

6.2 Indian Financial Institutions and Gender Inclusivity:

In India, financial institutions have increasingly recognized the need to cater to women investors, particularly in light of the growing emphasis on financial inclusion. One notable initiative is the Bharatiya Mahila Bank (BMB), which was established to provide financial services specifically to women. While the BMB merged with the State Bank of India in 2017, its impact on promoting women's financial inclusion continues to be significant (Kar, 2018). The bank's focus on offering women-centric products, such as savings accounts with special benefits and loans at lower interest rates for female entrepreneurs, laid the groundwork for other financial institutions to follow suit.

Financial literacy programs targeting women have also been launched by the Reserve Bank of India (RBI) and various non-governmental organizations (NGOs). These programs aim to educate women about financial products and encourage their participation in the formal financial system (Borkar, 2023). Additionally, microfinance institutions in India, such as Bandhan Bank, have been instrumental in providing credit to women in rural areas, helping them to engage in income-generating activities and improve their economic independence (Sarkar et al., 2022).

Indian banks and financial institutions have also introduced women-specific investment products, such as the Sukanya Samriddhi Yojana, which encourages parents to invest in their daughters' education and future. This long-term savings scheme offers attractive interest rates and tax benefits, making it a popular choice among women investors (Sirajuddin, 2017). Moreover, several private banks have launched women-centric credit cards and savings accounts with features tailored to women's needs, such as insurance benefits and exclusive discounts.

6.3 Challenges and Opportunities:

Despite these initiatives, significant challenges remain in promoting gender inclusivity in India's financial system. One of the key gaps is the lack of women-specific financial advisory services. Research shows that women are often less confident in their financial knowledge and are more likely to seek advice from family members or male financial advisors (D'silva et al., 2013). This lack of tailored advisory services for women prevents them from fully engaging in the investment market and making informed financial decisions.

Additionally, cultural and societal norms continue to act as barriers to women's financial independence. Many women, particularly in rural areas, are discouraged from participating in financial markets due to patriarchal norms that prioritize male decision-makers in households (Sarkar et al., 2022). These challenges underscore the need for financial institutions to develop more inclusive products that cater to the unique financial needs of women, particularly in underserved areas.

Opportunities for creating more inclusive products include expanding microfinance services and introducing digital platforms that offer financial education and investment advice tailored to women. With the increasing penetration of mobile technology in India, digital financial services can play a crucial role in bridging the gender gap in financial inclusion. Mobile banking platforms that provide women with access to savings accounts, loans, and investment products can significantly enhance their participation in the financial system (Borkar, 2023).
Moreover, there is potential for Indian financial institutions to collaborate with global organizations that have successfully implemented women-focused financial products. By learning from best practices in countries like Bangladesh and Kenya, where microfinance and digital banking have been effectively used to empower women, Indian financial institutions can develop more innovative products that address the specific challenges faced by women investors.

7. 7. Policy Implications and Recommendations for India

7.1 Policy Lessons from Global Examples:

Countries that have successfully closed the gender gap in financial investment have implemented various innovative policies that focus on women's financial inclusion. For instance, in Canada, gender-responsive financial education programs have been introduced to increase financial literacy among women. These programs offer tailored content to improve women's confidence in managing investments and participating in the financial market (Borkar, 2023). Studies suggest that increasing financial literacy not only boosts women's investment participation but also positively impacts their decision-making processes regarding savings and retirement planning.
Tax incentives have also been used effectively to encourage women's investments. In the United Kingdom, for example, tax incentives are provided to women investors in startups and small businesses, which significantly increases their participation in high-risk, high-return investment avenues. This policy has been particularly successful in encouraging women to invest in innovative sectors such as technology (Sarkar et al., 2022).
Microfinance and savings products tailored for women have also proven effective in many developing countries. In Bangladesh, microfinance institutions like the Grameen Bank have played a pivotal role in empowering women by providing access to credit without collateral. This has helped women become financially independent and contribute to their households' economic growth (Chakraborty & Abraham, 2023). Such programs demonstrate the importance of targeted financial policies that address the specific needs of women in different economic and social contexts.

7.2 Recommendations for Indian Policymakers:

To bridge the gender gap in financial investment in India, several targeted recommendations can be made for policymakers. First, enhancing financial literacy programs tailored to women is crucial. Women in India often face financial illiteracy, which prevents them from fully engaging in the financial system (Deka, 2015). Policymakers should introduce gender-specific financial education programs that cater to the unique needs of women, particularly in rural areas where access to financial education is limited. Programs that teach women about saving, investing, and managing their finances can empower them to make informed decisions.
Additionally, incentivizing financial institutions to develop women-friendly investment products can boost women's participation in the financial market. Indian financial institutions should be encouraged to introduce savings accounts, insurance policies, and investment schemes tailored specifically to women. For example, the Sukanya Samriddhi Yojana has been successful in promoting long-term savings for girls' education, indicating the potential for more women-focused financial products (Sirajuddin, 2017).
Addressing socio-cultural barriers is also essential for increasing women's financial inclusion. In India, patriarchal norms often discourage women from taking active roles in financial decision-making (Kumari & Subrahmanyam, 2017). Public awareness campaigns that challenge these norms and promote women's financial autonomy can help shift societal attitudes. For example, campaigns like "Beti Bachao, Beti Padhao" have successfully raised awareness about the importance of educating girls, and similar efforts could be made to promote women's financial independence.

7.3 Private Sector Involvement:

The private sector, particularly financial institutions and fintech companies, plays a critical role in promoting financial inclusion for women in India. Fintech companies, with their ability to provide digital financial services, can reach women in remote areas where traditional banking services are unavailable (Kulkarni & Ghosh, 2021). Mobile banking platforms that offer women access to savings accounts, credit, and investment products can significantly enhance their financial autonomy.
Private financial institutions can also develop women-focused financial advisory services to address the gender gap in investment participation. Studies show that women often lack confidence in their financial knowledge and are more likely to seek advice from family members or male advisors (Borkar, 2023). By offering advisory services tailored to women's needs, financial institutions can encourage more women to engage in the financial market.
Incentives for private sector companies to invest in women's financial inclusion initiatives can also drive change. For example, financial institutions could be offered tax benefits for developing women-centric products or for

reaching financial inclusion targets for women in underserved areas (Sarkar et al., 2022). Moreover, fintech companies could collaborate with NGOs and government agencies to develop financial literacy programs for women, ensuring a broader reach and greater impact.

8. 8. Conclusion and Future Research Directions

The global literature highlights several key findings regarding gender-based financial investment decisions, with significant implications for India. Studies consistently show that women are generally more risk-averse than men, preferring safer investment options like bonds, savings accounts, and gold, while men tend to invest in riskier assets such as stocks (Embrey & Fox, 1998; Christiansen et al., 2010). This difference in risk appetite has been attributed to various factors, including lower financial literacy, limited access to financial products, and cultural and social barriers that discourage women from participating fully in financial markets. In India, these barriers are particularly pronounced due to deeply entrenched patriarchal norms and the lack of financial education targeted at women (Kansal & Singh, 2013).

The literature also suggests that financial literacy plays a crucial role in shaping investment decisions. Women with higher levels of financial literacy are more likely to engage in riskier investments and participate in the stock market (Sharma & Joshi, 2016). However, in many countries, including India, women generally have lower financial literacy levels compared to men, which affects their confidence and ability to make informed financial decisions (Sirajuddin, 2017). This gap in financial knowledge limits women's ability to take advantage of investment opportunities, further exacerbating the gender gap in financial participation.

Cultural factors also significantly influence gender-based investment behavior. In many countries, traditional gender roles dictate that men are the primary financial decision-makers, while women are often excluded from important financial decisions (Patel, 2018). This cultural norm is particularly prevalent in India, where women's participation in financial investments is limited by societal expectations and the perception that they should prioritize household responsibilities over financial independence (Kumari & Subrahmanyam, 2017). These social constraints are especially pronounced in rural areas, where patriarchal norms are more deeply ingrained.

From the Indian context, several lessons can be drawn from global literature. First, the importance of targeted financial education programs cannot be overstated. Countries like Canada and the UK have implemented gender-responsive financial education programs that have successfully increased women's participation in financial markets (Borkar, 2023). These programs can serve as a model for India, where financial literacy among women remains low, particularly in rural areas. By implementing similar programs, India can empower women to make informed investment decisions and reduce the gender gap in financial participation.

Another lesson from global literature is the effectiveness of tax incentives in encouraging women to invest. In the UK, tax incentives for women investors have increased their participation in high-risk, high-return investments (Sarkar et al., 2022). India could adopt similar policies, offering tax breaks or other financial incentives to women investors, particularly those investing in startups or other innovative sectors.

The potential benefits of gender equity in financial investment decisions for India's economic growth are significant. By closing the gender gap in financial participation, India can unlock the full potential of its female population, contributing to increased economic growth and poverty reduction. Studies show that when women are empowered to make financial decisions, they are more likely to invest in education, health, and other areas that benefit their families and communities (Das, 2016). This ripple effect can lead to improved economic outcomes not only for women but for society as a whole.

Gender equity in financial investment decisions can also lead to more stable and diversified financial markets. Women tend to be more conservative investors, which can contribute to financial stability, especially during times of economic uncertainty (Embrey & Fox, 1998). By encouraging more women to participate in financial markets, India can create a more balanced and resilient economy that is less vulnerable to market volatility.

Additionally, gender equity in financial participation can help reduce income inequality and promote inclusive growth. Women are often excluded from formal financial systems, limiting their ability to save, invest, and build wealth (Kumari & Subrahmanyam, 2017). By promoting policies that encourage women's financial inclusion, India can help reduce the gender wealth gap and create a more equitable society.

Future research should focus on several key areas. First, there is a need for longitudinal studies that track women's investment behavior over time. These studies can provide valuable insights into how women's financial participation evolves as they gain more financial knowledge and experience. They can also help identify the long-term impact of financial education programs on women's investment decisions.

The role of technology in empowering women investors is another important area for future research. Fintech companies have the potential to revolutionize financial inclusion by providing women with access to digital financial services, even in remote areas where traditional banking services are unavailable (Kulkarni & Ghosh, 2021). However, more research is needed to understand how women use these services and what barriers they face in accessing digital financial products. Understanding the role of technology in promoting financial inclusion can help policymakers and financial institutions develop more effective strategies for reaching women investors.

Finally, future research should explore the long-term impact of financial education programs on women's financial behavior. While many studies have shown that financial literacy improves women's confidence and

participation in financial markets, there is limited research on the sustainability of these effects. Longitudinal studies that follow women over several years can provide valuable insights into how financial education influences their investment decisions in the long run.
In conclusion, gender equity in financial investment decisions has the potential to transform India's economy by empowering women, promoting financial stability, and reducing income inequality. However, achieving this goal requires targeted policies that address the unique challenges faced by women investors, including financial literacy, access to financial products, and socio-cultural barriers. By learning from global examples and conducting further research on women's financial behavior, India can take important steps toward closing the gender gap in financial participation and unlocking the full potential of its female population.

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