International Journal of Economic Practices and Theories (IJEPT)
ISSN:2247-7225
Volume 2025 Issue 1

Impact of Financial Literacy on Financial Inclusion and Economic Growth of India

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ABSTRACT

Financial literacy and financial inclusion are essential drivers of sustainable economic growth, poverty alleviation, and social empowerment. This research delves into the nexus of these aspects, focusing on how the resource allocation of financially literate and included individuals is more efficient towards education, Health, and entrepreneurship, thus leading to increased incomes and productivity. It further elucidates how inclusive financial systems ensure equitable income redistribution, macroeconomic stability, and social cohesion, while promoting small and medium enterprises through affordable financial products and services.The research pursues five key objectives: (i) to analyze differences in financial literacy across demographic groups through surveys, interviews, and focus discussions; (ii) to investigate how financial literacy shapes access to and use of financial services such as savings, credit, pensions, and insurance; (iii) to assess the macroeconomic impact of financial inclusion on growth, employment, poverty alleviation, and digital economy expansion; (iv) to evaluate the roles of government, financial institutions, and NGOs (v) to identify barriers—structural, educational, psychological, and socio-cultural—that hinder inclusion.Results will inform policymakers, educators, and institutions to shape focused interventions that close knowledge gaps, improve access to finance, and create inclusive, resilient, and sustainable economies.

Keywords: Financial literacy, Financial inclusion, Economic growth , Financial Awareness Programs

Introduction

Financial literacy is no more something which has to be taught in order to understand the basics of savings and investment.It has become an integral part of our life ,which has been actively used in numerous tasks we perform in our everyday life. India has come a long way in terms of every kind of development; therefore has been tagged 'developing'. Financial development is another kind of development observed in diverse sections of society. This has been an active result of the efforts of GOI , dedicated financial institutions and aware citizens of India. The percentage of financially literate persons has increased drastically, despite this being a fact , a good number of people have still been observed to be financially excluded from the system, which highlights the need for financial inclusion. Moreover, this has also been associated with the socio-economic status of the marginalised section of society.Among them, women and the economically challenged people top the list. The lack of awareness among the population is the main cause of a lack of financial literacy among them. There are other factors which are responsible for the same.Mainly, lack of availability of funds for women and students is the reason why they are shy of investing. Also, many think that investing is risky and hence, limited funds cannot be employed there. People want to keep it safe in a bank account or in cash form in order to meet contingencies.It has been observed that, those who are financially literate and to some extent have been included in the financial system of the country are more aware and tend to invest more.

It is central to the development of an individual's and a nation's financial behaviour as well as the Socio-economic environment. As the financial environment is changing very fast in this era, the basic concepts like saving, investing, budgeting, and management of credit have become crucial in making sound financial decisions. Financial literacy is a driver of financial inclusion because it empowers individuals, particularly those belonging to marginalized and economically weaker sections also including women at large, to access and utilize formal financial services effectively. Financial inclusion, in turn, is an important driver of socio-economic development, leading to inclusive growth, poverty reduction, women empowerment and overall financial stability of a country.

In today's rapidly evolving global economy, particularly in underserved and marginalized communities, financial inclusion with financial literacy has emerged as a key driver for socio-economic development. Financial services are now expanding through digital banking with fintech solutions so people must understand and use these services in an informed way not just access them. This research investigates the detailed linkages between financial inclusion coupled with financial literacy for consideration of their collective impact on socio-economic progress. This study seeks for the uncovering of pathways toward sustainable development and toward poverty reduction and toward economic resilience by exploring how people aware of finances are able to make sound economic decisions. The findings might inform actions focused and inclusive policy-making. The goal is for these findings to shape decisions.

Due to the complexity and dynamic nature of today's financial environment, financial literacy has become a vital requisite for any individual, business, or nation. Financial literacy means the ability to understand and apply financial skills in areas such as personal finance, budgeting, and investing. A financially literate population is capable of making decisions regarding savings, credit, insurance, and investments that improve their personal financial well-being, thus acting as a major contribution to economic development.

By contrast, financial inclusion is a well-known global driver of poverty alleviation and economic growth. It ensures that individuals and businesses are not only able to attain but also to afford financial products and services that are useful to them.

Better money management, investing in health, education, and businesses, and cushioning against financial shocks are the dividends that come from financial inclusion.

The crossing point of financial literacy and financial inclusion has indeed far-reaching implications for economic development. A financially literate society is better equipped to put its financial services effectively to use- more savings, greater investments, increased consumption, and higher levels of entrepreneurship can be expected, all of these fundamental factors supporting sustained economic growth. Conversely, a lack of financial literacy causes underutilization or misuse of financial services, drawing up a poverty-exclusion cycle.

It examines the link between financial literacy, financial inclusion, and economic growth to determine how improved financial knowledge and skills can help in promoting economic growth inclusiveness and in reducing inequality.

Significance of the Study

In spite of many global and national efforts aimed at the enhancement of financial literacy among the masses, many gaps still continue to exist; chiefly among marginalised communities, like those in rural setups, women, and the low-income groupings. Indeed, financial literacy is one of the significant determinants of financial inclusion that ought to be studied by policymakers, educators, and financial bodies intending to create a conducive environment for the overall financial ecosystem.

At the same time, with the advent of the global digital economy in which competitiveness is determined by fintech and digital banking solutions, provision must also be made for equipping people with the skills to navigate new financial technology safely and effectively. The study could therefore provide insight into how financial literacy could act as a catalyst for financial inclusion, thus supporting the economic growth of countries.

Socioeconomic development of every developing country, like India, depends on its financial system, which typically converts savings into investments through intermediation. intermediation (Willis, 2008; Ribaj and Mexhuani, 2021). The strength of domestic financial markets not only enables this effective and efficient mobilization of savings into capital formation but also deepens the understanding of finances among individuals. (Kaur, Vohra and Arora, 2015).

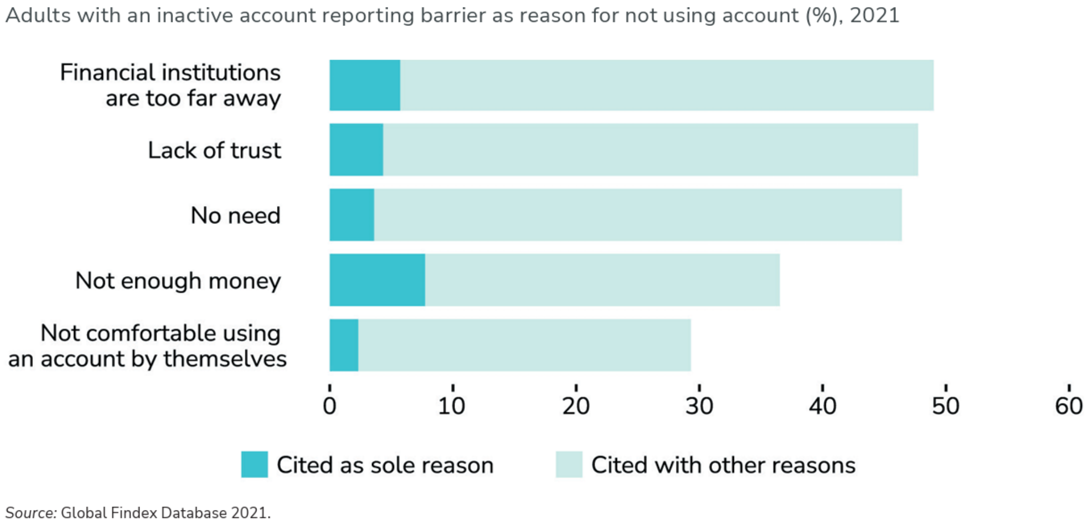
Financial Literacy can prove to be a strong weapon in the hands of individuals to uplift their financial status by making informed choices and decisions Financial literacy is a weapon in the hands of individuals to improve their financial status and well-being by making informed decisions in creating household budgets, saving plans, managing debt, planning for life cycle needs, and dealing with unexpected emergencies without incurring unnecessary debts (Lusardi and Mitchell, 2011; Lusardi, 2019).

Statement of the Problem

In recent years there have been growing concerns about the financial astuteness of consumers as research suggests they often make what appear to be welfare-reducing decisions. Many individuals do not hold a checking account (Hilgert et al., 2003); have large outstanding credit card balances when cheaper forms of credit are available (Gartner and Todd, 2005); accept payday loans with astronomical APRs even in the presence of other, cheaper, credit sources (Agarwal et al., 2009b); sub-optimally choose credit contracts (Agarwal et al., 2006); fail to refinance mortgages when it would be optimal to do so (Agarwal et al., 2008a); and fail to plan for retirement, reaching it with little or no savings (Lusardi and Mitchell, 2006). A leading explanation for this behavior is that consumers are not financially literate—they lack sufficient information about financial concepts and instruments to make informed financial decisions.(Agarwal, S., Amromin, G., Ben-David, I., Chomsisengphet, S., & Evanoff, D. D. (2015). Financial literacy and financial planning: Evidence from India. Journal of Housing Economics, 27, 4-21)

Moreover other hinderances in the way financial inclusion can be The Indian education system which generally lacks a structured financial literacy curriculum. Studies show that awareness of financial products—like stock markets or insurance—is scarce among youth and workers. For example, Agarwalla et al. (2012) found that young urban Indian workers have “a low level of literacy” regarding financial products and services. Also, Financial literacy isn’t just about knowledge—it includes attitudes and behaviors. Scholar Hung et al. (2009) propose a model where these three dimensions interrelate; without the attitude and behavior parts, knowledge alone isn’t enough.A study using the All-India Debt & Investment Survey (AIDIS) highlights how factors like income level, education, occupation type, and access to banking infrastructure significantly affect financial behavior among urban households ((https://arxiv.org/abs/2412.01867)Another project analyzing low-income households in Delhi’s unauthorized colonies found that “transaction costs, convenience, and financial knowledge” are key determinants of using financial services—not merely having access to them (https://arxiv.org/abs/2412.03033)Although more contextual than India-specific, research on caste-based digital inequality shows that lower education and income among marginalized caste groups lead to both physical access and skill gaps in using digital tools—including for financial purposes (https://arxiv.org/abs/2106.15917).Although there was a lot of government and non-governmental efforts, then financial inclusion still becomes an issue problem for developing and underdeveloped economies. Reserve Bank of India, has been aggressively working to increase the financial knowledge of the general population. The goal is similar to that set out by the OECD:…to help consumers “develop the skills and confidence to become more aware of financial risks and opportunities, to make informed choices, to know where to go for help, and to take other effective actions to improve their financial well-being” (OECD, 2005)...Moreover, the fear of investment can also be seen even in urban educated women. The marginalised section still suffers to maintain a bank account and understand basic banking servicesThis limits their participation in the formal economy. However, national economic growth propagation is hindered by the above limits.

According to Global Findex Database 2021 of Worldbank, distance to financial institutions, lack of trust, and lack of need were the most commonly cited reasons for account inactivity in India which , as a result has become a major roadblock in the path of achieving financial inclusion target. (Leora Klapper, Dorothe Singer, and Saniya Ansar, 2021, Global Findex Database 2021) The Global Findex Database 2021 - The World Bank



Importance of Financial Literacy

Individual financial literacy empowers people to manage finances better, and make informed decisions or plan for the future. It decreases the likelihood of getting trapped in debt or becoming a victim of financial fraud or crime and increases participation in economic activities. People who are financially literate save, invest, and make themselves risk-free through insurance.

In a rapidly digitizing economy, however, literacy defines how safely and effectively such services are accessed-and enjoyed by the population. Without literacy, individuals are not only blocked by this opportunity but also potentially exposed to cyber fraud and exploitation.

A Financial Literacy Index (FLI) for different Indian states is derived using the same methodology that underpins the calculation of the Human Development Index (HDI). The computation uses the following equation:

FLI is defined as the arithmetic mean of three constituent indicators:

The resulting FLI is scaled between 0 and 1, where a score approaching 1 denotes robust financial literacy and a score approaching 0 signifies very low financial capability. To enhance interpretability and highlight regional differ-ences, the FLI is classified into three descriptive bands: low, medium, and high.

$$Indicator = \frac{\text{Actual Value} - \text{Minimum Value}}{\text{Maximum Value} - \text{Minimum Value}}$$

Table 1 - Financial Literacy Index (FLI) across States:

Low (<=0.33)	Medium (>=0.34 to <=0.53)	High (>=0.53)
	Rural India	
Arunachal Pradesh, Assam, Bihar, Jharkhand, Manipur, Meghalaya, Nagaland, Uttar Pradesh	Andhra Pradesh, Chhattisgarh, Gujarat, Haryana, Jammu & Kashmir, Karnataka, Madhya Pradesh, Maharashtra, Mizoram, Orissa, Punjab, Rajasthan, Sikkim, Tamil Nadu, Telengana, Tripura, Uttaranchal, West Bengal	Chandigarh, Delhi, Goa, Himachal Pradesh, Kerala, Pondicherry

Urban India		
Assam, Bihar, Manipur, Meghalaya, Mizoram, Nagaland, Uttar Pradesh	Andhra Pradesh, Arunachal Pradesh, Chhattisgarh, Delhi, Gujarat, Haryana, Jharkhand, Kerala, Madhya Pradesh, Maharashtra, Orissa, Pondicherry, Punjab, Rajasthan, Sikkim, Tamil Nadu, Telengana, Tripura, Uttaranchal, West Bengal	Chandigarh, Goa, Himachal Pradesh, Karnataka

Source: Priyadarshi Dash & Rahul Ranjan's estimation based on data from NSS 77th round of the All India Debt and Investment Survey.

Cities are magnets for economic activity; therefore, their residents typically attain higher educational levels and enjoy greater income than their rural counterparts. Branch banks, which drive commercial activity, naturally proliferate in these environments. Over nine-tenths of Chandigarh's urban residents boast high financial literacy, while the figure for Goa exceeds 60 per cent. Karnataka and Himachal Pradesh show lower urban proportions, at 40 per cent and 20 per cent, respectively. Notably, a substantial share within these cohorts hovers just within the upper margin of what is statistically marked as medium financial literacy. In the capital, a remarkable 95 per cent of the urban populace registers moderate proficiency in finance, yielding a financial literacy composite score of 0.54. Pondicherry, too, mirrors this upward trend, with above 60 per cent of its urban residents similarly classed as moderately literate. Collectively, this evidence points to a pronounced upward trajectory in financial capability in the urban centres of the two metropolises.(Dash, P., & Ranjan, R. (2023). *Financial literacy across different states of India: An empirical analysis*. RIS, Research and Information System for Developing Countries.)

Importance of Financial Inclusion

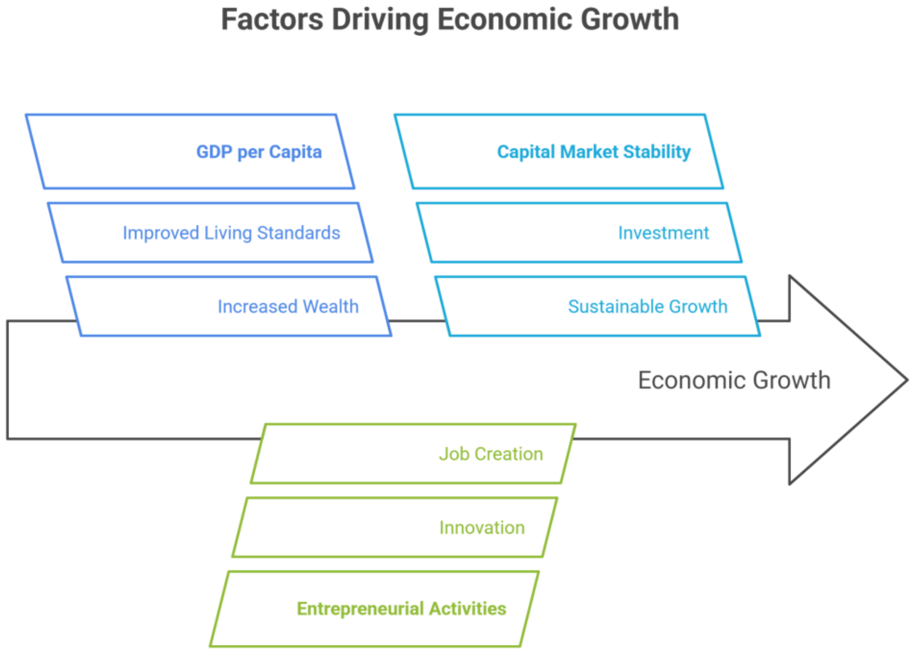
According to a number of studies, poverty and a lack of knowledge about financial services have been shown as the major barriers to formal financial services access. Financial literacy is the possession of knowledge of fundamental financial concepts to manage financial resources(Lusardi, A., Michaud, P. C., & Mitchell, O. S. (2017). Optimal financial knowledge and wealth inequality. Journal of political Economy, 125(2), 431-477.)
Financial inclusion cannot be merely defined as opening an account for an individual or a business. Instead, it begins with the accessibility of the entire range of financial services including loans, savings accounts, insurance and payment systems at very affordable prices and on a sustainable basis.
By creating an environment for wider participation in the financial markets, financial inclusion brings about economic activity. It enables the poor to save with security, to borrow at reasonable costs, to invest or spend in education or small business, and to protect against such economic shocks, thereby playing a big role in poverty alleviation and economic development.

Financial Literacy and Economic Development: The Link

Across the globe, there is an increased emphasis on FI, especially in emerging economies, with the motive to enhance economic growth and decrease poverty [GPFI. Global Standard-Setting Bodies and Financial Inclusion for the Poor: Towards Proportionate Standards and Guidance, White Paper. October 2011.)Many researchers have also highlighted how financial exclusion could hinder people from leading a normal life. According to Carbo Gardener and Molyneux [Carbo, S.; Gardener, E.P.M.; Molyneux, P. Financial exclusion in Europe. *Public Money Manag.* **2007**, *27*, 21–27], financial access has a robust causal association with social exclusion. Claessens [Claessens, S. Access to Financial Services: A Review of the Issues and Public Policy Objectives. Oxford University Press on behalf of the World Bank. 2006.] backed this viewpoint on social exclusion. Further, Basu and Srivastava [Basu, P.; Srivastava, P. Exploring possibilities: Micro finance and rural credit access for the poor in India. *Econ. Political Wkly.* **2005**,] found that 70% of rural marginal/farmers lacked access to bank accounts and 87% lacked access to loans.

This is prevailing despite researchers' consensus that financial inclusiveness is a basic pillar of sustainable growth .Financial literacy improves savings, diversifies portfolios, lowers borrowing costs, enhances risk management, and leads to higher personal well-being and economic growth.Financial literacy is a driver of national economic well-being, directly and positively correlating with GDP per capita and fostering better understanding and management of the economy.(Serhiichuk S, Grebeniuk N, Nazarenko T, Parshakov V, Chasnikova O. The role of financial literacy in economic development. Salud,).A financially literate society has lower rates of debt, better prepares for economic shocks, and contributes to a more stable, prosperous economy.(National Centre For Financial Education)It includes all the features of financial service in complementing them with economic outcomes for the population. They have been made to know about financial products, using them efficiently, saving much and manifold providing investments along with future planning exercising a protective seal against the vulnerability of a financial crisis, frauds, and economic shocks. Hence, higher savings contributed by responsible financial behaviour lead to higher investments in productive assets, better health and education outcomes, and greater economic resilience, which in turn contributes to overall economic development. Higher financial literacy-focused economies exhibit:

1. Higher GDP per capital
2. Higher rates of entrepreneurial activities
3. Stability in capital markets



Therefore, financial literacy has emerged as a key strategy for the countries that want to attain sustainable economic growth.

Digging Financial Literacy And Its Role In Enhancing Financial Inclusion.

Financial inclusion is making financial services available to all the people and businesses whether an individual's net worth is high or low or how big a company can be. Financial literacy, in a way, provides individuals with the necessary knowledge and confidence to reach out to banks, insurance companies, and financial institutions. Without adequate financial literacy, even the most well-directed financial inclusion programs are not able to achieve their goals. For example, those who do not know about the advantages attached to and operations of savings accounts, digital payments, microfinance services, and insurance products tend to be less inclined to use the same. A financially literate person is more likely to open bank accounts than a rich person in order, use formal savings and credit systems, and seek insurance and pension products. This active engagement is a way of increasing financial penetration and broadening the economic base for a firm foundation of sustainable economic development.

Impact on Economic Development

The importance between financial literacy, financial inclusion, and economic development, which in their severed forms are much interrelated to say the least. It was the economically literate and included persons who could manage their resources best for spending on education, health, and entrepreneurship, thus increasing their incomes. Economies with more financially included societies stimulate higher economic growth, smoother income distribution, and better social cohesion. SMEs that are the engines of economic growth through employment generation benefit immensely because of affordable and accessible financial services. However, comprehensive financial literacy and financial inclusion are bolstering investments made from savings mobilized domestically to strengthen national savings rates in infrastructure.

And industrial development. Hence, enhancing financial literacy does not only benefit the dwellers but also augments macroeconomic stability and inclusive growth.

Literature Review

Financial Literacy: An Introduction and Its Importance

Financial literacy is generally acknowledged as a very important key competence that directs an individual effectively in making decisions regarding the use and management of money. It comprises a group of competencies: interest rates, inflation, budgeting, or investment diversification. Lusardi and Mitchell (2011) refer to financial literacy as the ability to process economic information and make decisions concerning financial planning, wealth accumulation, and debt or pension. The importance of educational empowerment for self-financing systems determines how far an individual can survive within highly sophisticated and generally intricate systems toward improving the individual's economic well-being and eventually contributing toward economic stability.

Outline of Financial Literacy Concept Frames

Definition of Financial Literacy - The common conceptualization of financial literacy is that it is the ability to understand and use various skills related to personal finance, budgeting, and investment. Lusardi and Mitchell (2011) state, "it refers to basic knowledge about financial concepts such as interest compounding, inflation, and risk diversification." It does not stop at knowledge but also includes human attitude and behaviour concerning money. This equips an individual with the ability to assess his or her financial products or make solid choices, especially critical in a rapidly changing financial environment characterized by a greater focus on digital transactions and complex products.

- Highlighting Understanding of the Definition of Financial Literacy
- Difference between cognitive understanding and actual behaviour
- Necessary Skills: Budgeting, Interest Rates,

Evolution and Global Importance of Financial Literacy

Financial literacy, which has attained global importance owing to the realization of its economic empowerment and poverty alleviating ability, is, according to the OECD (2016), a core life skill. Developed countries have implemented financial education in their school curricula, while developing countries are catching up with digital and community-based programs. The findings of the S&P Global Financial Literacy Survey (2015) corroborate that financial literacy rates across the globe remain low in that only 33% of adults worldwide are considered financially literate: this necessitates urgent reform in education and urgent public policy scrutiny in both developed and developing contexts. Key Points:

- Global financial literacy statistics
- Policy initiatives in developed and developing countries
- OECD and World Bank involvement

Financial Literacy and Inclusive Financial Development

Increased awareness, confidence, and trust in financial systems would open financial inclusion. As put by Demirgüç-Kunt et al. (2018), financially literate individuals are more likely to have bank accounts, use credits, and take part in digital banking. A low level of financial literacy deters some people from seeking access to formal financial institutions; they fear, suspect, or do not know of such facilities. The resulting yield is a socio-economic dichotomy that poses a threat to inclusive growth. So it definitely follows that financial literacy will lead to universal financial inclusion. Key Points:

- Financial literacy as a driver of inclusion
- Barriers caused by illiteracy
- Use banking and digital services among literate individuals

Role of Financial Literacy in Economic Development

Financially literate masses are endowed with better capital allocations, giving rise to higher investment rates and lessening their financial vulnerability. Beck, Demirgüç-Kunt, and Levine (2007) concurred that financial literacy promotes macroeconomic outcomes by supporting entrepreneurship, reducing inequality, and increasing productivity. Furthermore, financially literate citizens are more likely to resort to formal credit, and such integration into the formal economy will favourably affect the national GDP while decreasing dependency on informal sources. Key issues:

- Economic benefits of financial literacy
- Positive correlation with GDP
- Entrepreneurship and access to formal credit

Financial Behaviour and Decision Making.

Financial behaviour individual budgeting, saving, investing, and borrowing would depend on levels of financial literacy. Literature establishes that individuals with informed levels of financial knowledge make decisions regarding insurance, retirement planning, and emergency savings. Financially illiterate individuals fall easily into debt traps and schemes. This behavioural dimension is crucial for policy design aimed at financial empowerment.

Special Points:

- Influencing factors on personal financial management
- Decision-making in credit, debt, and insurance contexts
- Behaviour aspects of finance

Gender Differences in Financial Literacy and Inclusion

Most studies confirm an appreciation of difference in financial literacy and inclusion based on gender. Women, especially in underdeveloped countries, are less likely to own bank accounts or to use any form of financial services. This usually results from socio-cultural norms or lack of education and digital illiteracy. Research by OECD (2020) indicates that women benefit greatly from customized financial education programs, especially when associated with empowerment or entrepreneurship initiatives.

In terms of:

- Financial literacy gap between women and men
- Socio cultural barriers
- Why gender-focused Interventions are important

Digital Finance Literacy and the Upward-Swing of Fintech

It has transformed the landscape of finance within a very short period making it more digital-oriented; hence, the need for digital financial literacy is rising with time. Most of the mobile banking, UPI equipment, and fintech availabilities such as micro-lending and robo-advisory services are extensively present, but for those using them competitively only. The World Bank findings (2021) show that digital financial literacy facilitates digital inclusion, which eventually could also lower the running cost for banks by increasing customer contact.

Importance:

- Emergence of digital financial services
- Need for digital awareness

- Patterns of mobile banking adoption

National and Institutional Financial Literacy Programs

The driving governments, as also their supportive financial institutions, are a number of international participating actors who have put the financial literacy campaigns into operation. India, where financial education has been introduced by entities like the Reserve Bank of India (RBI) and Finance Ministry in schools, has seen improvement. The findings further suggest that credit unions offer education services to its members, while their association and the various developmental bodies offer a mechanism to monitor and evaluate, and bring structure to the methods of financing action toward sustainability.

Key Points:

- Public and private financial literacy campaigns
- Effectiveness of school-based education
- Challenges in implementation and outreach

Financial Literacy and the Youth/Students

Most youngsters go through from childhood without the necessary skills to manage their financial affairs. The introduction of financial education at an elementary level is believed to influence good financial behaviour for a lifetime. As Lusardi and Mitchell argued in 2014, our responsibility tales of personal finance in high school would budget, save, and responsibly invest in their adult life. Youth financial literacy is imperative for future economic stability.

Key Points:

- Early education benefits
- Curriculum integration
- Youth financial decision-making patterns.

Research Methodology

Research Design

This descriptive and exploratory research design is guided in the study of the relationships existing between financial literacy and financial inclusion and economic development across demographic groups. A descriptive design was adopted to spell out the present state of financial literacy and the level of inclusion in both urban and rural places. It captures various factors responsible for financial decision-making behaviours; and exploratory organizes, indicating the underlying causes that limit financial participation. It is partly qualitative and part quantitative so it allows one to merge numerical data with human insights, opinions, and attitudinal beliefs. It also used cross-sectional design since all data were collected once from large population samples to analyse trends and correlations.

Nature of Data

The study was mixed-method using both the primary and secondary sources to ascertain the accuracy and depth of results. Primary data were collected directly from respondents through surveys and interviews, making it possible to obtain firsthand information about their financial behaviours, literacy levels, and perceptions of financial services. The survey enables accessing much real-time ways that money is understood and actions taken in the field of financial matters, such as banking, credit, insurance, and digital payments. The secondary data sources were for validating the primary data.

Secondary data

Secondary data was obtained from various sources such as government portals, financial regulatory bodies, global organizations, and published reports. Such data served to provide context, benchmarks, and validation for the primary findings.

Sources and Related References:

1. RBI – National Strategy for Financial Education (2020–2025)

- RBI NSFE Report PDF

→ it offers a national target and data on literacy rate across India.

2. World Bank – Global Findex Database 2021
- https://globalfindex.worldbank.org

→ Provides data on financial inclusion at a global level for cross-country comparisons.

3. Initiative of Financial Literacy for OECD
- https://www.oecd.org/financial/education/

→ Global standards and survey methods on financial education are included.

4. SEBI Investor Awareness Portal
- https://investor.sebi.gov.in

→ Provides insight into capital markets literacy and contribution of retail investors.

5. NABARD – All India Rural Financial Inclusion Survey (NAFIS)
- https://www.nabard.org

→ Concerned with rural financial behaviour and access to formal credit.

6. CRISIL Inclusive Report on Financial Inclusion
- https://www.crisil.com/en/home/our-analysis/reports.html

→ Monitors financial inclusion indicators and illiteracy rates at the district level.

7. Ministry of Finance (India) – Financial Services Reports

https://financialservices.gov.in

→ Source to access policy outcome and implementation data.

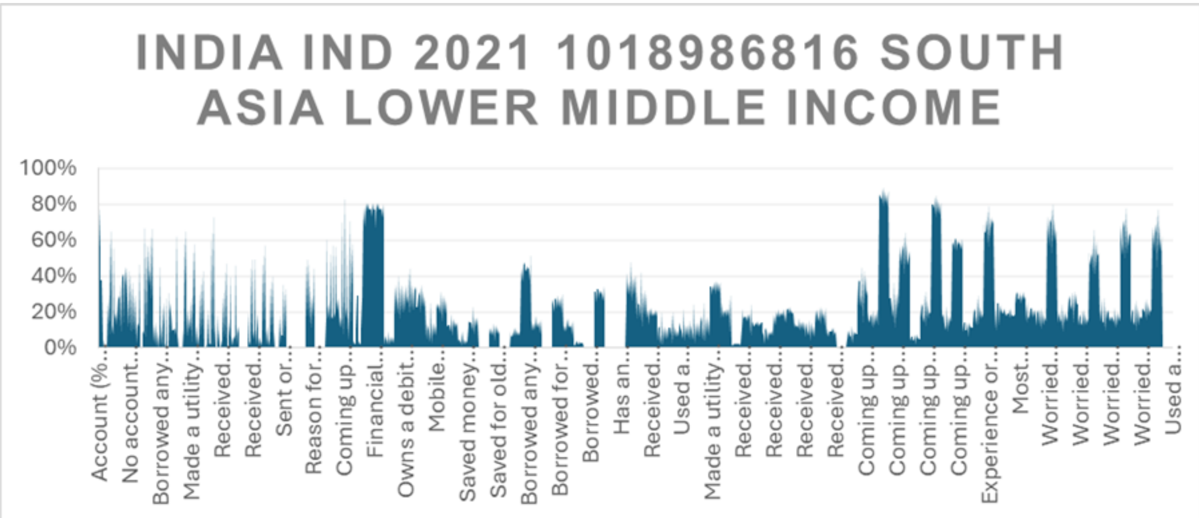
Government Data, Consumer Reviews, and Feedback

The data that emerged from government portals such as the Ministry of Finance, RBI, and NITI Aayog were analysed in tracing the policy interventions and outcome of the programs. Feedback from online platforms (consumer forums, reviews on apps for financial services, and social media sentiments) was investigated to get the gist of public opinion toward the various products and campaigns for financial literacy. This acted as an eye-opener to consumer grievances related to hidden charges, lack of transparency, and technical snags on digital platforms—issues that in most cases deter financial participation.

Data analysis And Interpretation.

This research report analyses and interprets data to identify patterns, trends, and relationships between the variables of financial literacy, financial inclusion, and economic development for disparate demography. The framework of the analysis borrows insights from primary as well as secondary data sources and thereby provide a multidimensional view of how financial awareness effects individuals' access to financial services and their economic behaviour at large.

Following data of Indian population depicts in-depth coverings of financial activities performed by Indians over a period of time , recorded in 2021 by World Bank.Supporting data follows up-World Bank India 2021



Academic Studies and Literature Review

In defining several scholarly perspectives, financial literacy is pivotal in enhancing financial inclusion. For instance:

● Lusardi & Mitchell (2014) stated that individuals with higher levels of financial literacy are more likely to plan for retirement and invest well.

Surveys conducted by the OECD (2020) confirmed that financial education leads to better consumer behaviour, less over-indebtedness, and better savings habits.

● Atkinson and Messy (2012) stressed that financial literacy enhances access to financial products, especially for women and low-income individuals.

These studies have set a theoretical justification for the hypothesis that individuals with financial awareness contribute more actively to economic development.

Government and Policy Reports

The National Strategy for Financial Education (NSFE) 2020-2025 of the RBI elaborates on the lifelong need of financial education and shows how financial inclusion can minimize the income and gender gap in it.

● RBI NSFE Report

According to the World Bank Global Findex Database 2021, account ownership has improved enormously in India, but the use of such accounts remains underutilized due to lack of financial awareness.

● Global Findex

The SEBI Investor Awareness Programmes stated that financial literacy determines the safety of investment as much as partakes in stock market participation, especially for first-time investors.

● SEBI Awareness Portal

Market Surveys and Industry Reports

The CRISIL Inclusive Reports track the index of financial inclusion of India according to rural and urban districts. According to latest data, the financially most backward areas also have the lowest levels of literacy.

● CRISIL Reports

As per NABARD's All India Financial Inclusion Survey (NAFIS), rural households rely mostly on informal sources of credit due to ignorance of formal banking systems.

● NABARD

Findings & Conclusion.

Findings

Across various demographic groups, the research underpins that there exists a significant correlation between financial literacy and financial inclusion. Those respondents having higher education and regular employment were presumed, in most cases, to be better aware regarding the basic and popular financial concepts of interest rates, inflation, credit scores, savings plans, and investment instruments. They were also presumed to use more formal financial services such as bank accounts, insurance, digital wallets, and government financial inclusion schemes. However, respondents having lower education levels and from rural and low-income backgrounds manifested little understanding or usage of these financial products, which gives an impression that educational and income disparities strongly mediate one's financial awareness.

The survey revealed that, notwithstanding the concerted efforts of government initiatives like Jan Dhan Yojana and the spread of digital banking infrastructure that have expanded access to financial institutions in urban and rural areas, actual usage of financial services remains low among certain segments. A large number of respondents were unwilling or uncomfortable using any digital payment systems, which creates the gap between financial access and true financial inclusion. The overwhelming fear of fraud and lack of trust in institutions coupled with inadequate digital literacy were outlined as the dominant-and major-barriers to the use of digital means towards finance, especially in the rural community and elderly population.

This means that financial literacy on its own is not nearly sufficient to ensure the effectiveness of policy measures and institutional support. The most constructive areas include banks, schools, non-government organizations, and local financial educators, all of whom play necessary roles toward behaviour change. Those who attended the financial literacy workshop or participated in some structured form of finance education were highly confident and consistent in managing their finances in budgeting and investing. Among the rest, community-based financial learning had a higher relative impact on the relative empowerment of most female respondents in making household-level decisions on finances.

It was further found that increased financial inclusion with supported financial literacy has a positive effect on economic development at personal and communal levels. Among the things recorded as responses to financial inclusion included better saving habits, access to credit, decreased dependence on informal money lenders, and improved ability to plan for emergencies or future milestones on education or investments in business. The spillover effects of financial inclusion have also reportedly found increased entrepreneurship, the diversification of income streams, and generally higher security levels in economically literate households.

Conclusion.

To conclude, this research shows that financial literacy is of utmost importance in making financial inclusion real and also for initiating economic development more widely. From these findings, it is clear that while some effort has gone into enhancing the accessibility of formal financial systems through technology and policy interventions, much more remains to be done about ensuring that these individuals actually make use of the services effectively. Financial literacy is the missing link that enables the individuals to gain the knowledge and confidence to make informed financial decisions. This knowledge does not merely enable the individuals to open a bank account but provides an understanding of how to save, invest, borrow responsibly, and plan for the future.

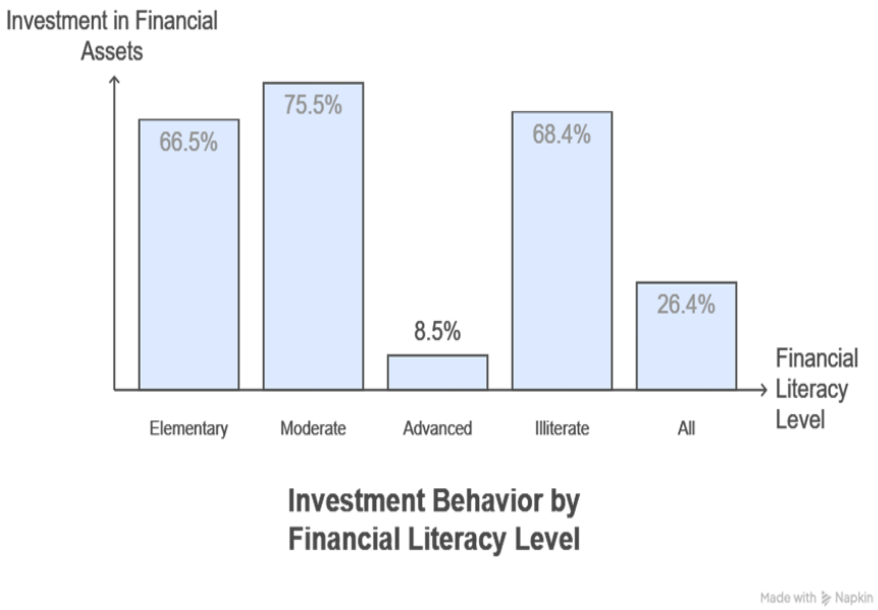
The study defines financial inclusion as never an isolated goal; rather, it is an outcome that relies on a plethora of enablers and financial literacy is the foremost among them. The enhancement of financial literacy, especially among the marginalized, the rural population, women, and informal sectors, actually brings them within the fold of the formal economy. This, therefore, leads to inclusive growth, poverty reduction, and sustainable development.

Multi-stakeholder effort is indeed required to guarantee the success of financial literacy initiatives, including government agencies, financial institutions, civil society, and educational institutions. The study recommends the integration of financial education into school curricula, raising awareness through advocacy programs at grassroots levels, and strengthening monitoring of financial inclusion schemes. People need to be brought into digital inclusivity within the digitally-age inclusion gap through a strategy that not only answers technological access but also a user education.

Less than a third of the population of India are financially literate. Many lack access to banks or microfinance, but might resort to loan sharks, exposing them to cycles of debt.Educating women about financial principles is key to breaking cycles of debt.ADB’s private sector investment supported the expansion of RBL Bank’s Saksham and Unnati programs, which combines access to loans with financial inclusion and financial literacy improvement.

India has made great progress in improving financial inclusion by making loans and other financial services available to low-income borrowers, through support from the Government of India, microfinance institutions (MFIs), and NGOs. In 2014 the government launched *Pradhan Mantri Jan-Dhan Yojana,* a program aimed at providing a bank account for every household. The program generated a record 443 million accounts for India’s households since its August 2014 launch through to early January 2022.

(In India, Financial Literacy Programs Are Lifting Families Out of Debt …)



Source: Priyadarshi Dash & Rahul Ranjan's estimation based on data from NSS 77th Round of the All India Debt and Investment Survey.

Theoretical implication

The present theoretical implications of the study entail an exploration of how the study results contribute to literature, financial behaviour theories, and socio-economic development models. It increases understanding of the interplay between financial knowledge, access to financial systems, and generalized social and economic outcomes. Below are the consequences discussed in various theoretical dimensions.

1. Foundation to Human Capital Theory

It strengthens the assumption that investments in education and knowledge result in better individual productivity and development in society. Financial literacy as economic education gives people the ability to use the resources efficiently, make informed financial decisions, and engage in economic activities more effectively. Findings of this study foster the idea that financial literacy when increased will be intangible form of human capital, directly affecting financial inclusion through an enhancement of the ability of people to participate in formal economic systems. Therefore, financial education is not only an empowering tool but this empowers economies at the micro and macro levels.

2. Financial Behaviour and Rational Choice Theory

This is in accordance with the theory regarding rationality premises as the basis of behavioural finance, which suggests that any decision made by an individual in the area of finance is based on examining the costs-benefit ratio. Despite this, the study shows how important financial literacy is towards such rational behaviour. Users, without the basic knowledge of finance, may not yield chances of optimal decisions resulting in mismanaged credit and underused savings. Extending further, it translates the existing theories that since rational decision-making regarding financial things is subject to the levels of literacy and not simply based on individual preference/logic, external influences or conditioning appear to play a role.

3. An Extension of the Theory of Financial Inclusion

The study has contributed greatly to the Theory of Financial Inclusion, which states that access to affordable financial services leads to economic empowerment, poverty alleviation, and inclusive growth. Yet, this research has extended that theory by placing financial literacy front and centre as an indispensable precondition for meaningful financial inclusion. Financial services rendered without the requisite information for effective usage lead either to underutilization or outright destruction. Therefore, the study advocated an integrated model of inclusion whereby financial access and financial capability must evolve together in the interest of sustainable development.

4. The Study Closing the Gap of Knowledge in Development Economics

From a development economics viewpoint, this study fills in the gap that exists between individual micro behaviour and outcomes of macroeconomic significance: individual financial knowledge and associated decisions on one side and economic development and financial stability on the other. The study supports theories that promote empowerment at the grassroots level, financial independence, and economic development. It offers theoretical foundations toward using financial literacy programs to induce inclusive growth and social equity by linking literacy to economic outcomes, including increased savings, investments, and entrepreneurship.

5. Behavioural Economics and Financial Decision-Making

This research has a bearing on behavioural economics in its broader borders, that is, the having-that-financial-decisions-are-influenced-not-just-by-knowledge-but-also-by-psychological-cultural-and-social-factors. The central focus of this study aims at knowledge, but it also highlights the fact that literacy may act as a buffer against a number of behavioural biases, such as overconfidence, loss aversion, and herd behaviour. These latter insights require model-building theories that can interlink literacy, behaviour, and access to explain financial decision-making. In a way, the present study thus paves the way for more sophisticated behavioural models of financial research.

6. Implications on Policy and Institutional Theory

From the institutional perspective, which holds that institutional structures, norms, and policies induce behaviour, the findings stress the importance of coordinated action involving governments, FIs, and educational institutions. The research suggests that institutional trust, regulatory transparency, and access to financial education are determinants of both literacy and inclusion. Thus, such findings contribute to better ideas on the impact of public policy on economic behaviour, notably in developing settings where informal financial practices still matter.

7. Capability Approach Strengthening

The findings now agree with Amartya Sen's Capability Approach, which advocates for increasing the freedom and capabilities of people to lead lives they value. The research findings have provided evidence that financial literacy is one of the enabling factors for economic agency, whereby people manage what risks to take, accumulate assets, and act independently in the financial choices they make. This idea is consistent with real development being more about opportunity than income; thus, the research strengthens the theoretical position that financial capability is a core issue in human development.

8. Reassessing Education and Development Theories

This research takes issue with the classic models of development that equate economic growth solely with infrastructural and capital investments. Rather, it treats education, primarily financial education, as a core element of development. In its findings, the research calls for theoretical considerations about how nonformal education can change behaviour at the individual level and promote macroeconomic stability for the long term. In this regard, the research contributes to theories on education and development by advocating for lifelong learning and community-based financial literacy as vehicles for development.

Suggestions

An important recommendation flowing from the study is to set up targeted financial literacy programs at the grassroots level, predominantly focusing on rural and semi-urban areas. Different programs cater to different needs of demographic groups like women, youths, elderly persons, and informal workers. Apart from such independent training programs, financial education should also be held in school and college curricula for inculcating a responsible financial behaviour lifestyle right from the onset. The last mile can be reached by tying up NGOs and educational bodies with government and regulating bodies such as the RBI, SEBI, and NABARD.

Another major recommendation is improved digital literacy, along with basic financial literacy. While schemes like the Pradhan Mantri Jan Dhan Yojana (PMJDY) have given access to banking facilities to many, still a considerable number of the population are unaware of how to carry out digital transactions safely and securely. Training the masses practically on digital banking platforms, mobile wallets, and online safety would plug that gap and help propel safe financial inclusion.

The study further emphasizes the importance of communicating better and simplifying financial products and services. Financial institutions should rephrase the language and terms of their products and services so that people with limited education can understand them. A customer-oriented interface with regional language options and outreach support will serve as a key trust builder, engaging users in formal financial systems better.

Besides, there are policymakers who should strive to enhance the regulatory framework targeting the protection of financially vulnerable consumers. Any law guaranteeing transparency, discouraging hidden charges, and punishing frauds in financial schemes will go a long way in restoring public confidence. Conducting timely financial awareness campaigns through mass media, local community leaders, or mobile vans can reinforce this confidence, therefore encouraging more participation in the formal financial ecosystem.

Finally, there is a necessity for a collaborative ecosystem of banks, microfinance institutions, fintech companies, and civil society organizations. A multi-stakeholder approach can help design and deliver context-specific financial literacy interventions. A combination of technology, with the community-based approach, can improve the reach and scale of interventions in far-off areas or underprivileged regions.

Limitations

Notwithstanding the all-encompassing nature of the study, various limitations need to be noted. To begin with,the research was overdependent on secondary sources and lacked self-exploratory data like surveys and interviews , which could be susceptible to recurring and a bit obsolete information. Cross-checking with multiple sources like actual real-time financial activity or bank statements was not possible in this research due to privacy and access constraints.

Another constraint is the geographical coverage, which was limited to India only. The results might not be able to reflect regional differences between various countries, especially overseas.Financial literacy and inclusion are likely to vary appreciably within such areas owing to variations in infrastructure, education, and cultural practices.

Also, the research mostly looked from the macro point of view; it lacked individual-level financial conduct on institutional or policy-level impediments. Individual consciousness is important though, but so are other drivers like bank branch density, access to credit, and mechanisms for delivering government programs. These drivers were not entirely examined.

Moreover this paper lacks research on impact of Financial inclusion on socio-economic development of India , which could have covered marginalised populations of India and their real time experiences with financial domain of market handling.

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