International Journal of Advanced Research in Commerce, Management & Social Science (IJARCMSS)
(An International Quarterly Multidisciplinary Open Access Double Blind Peer Reviewed Refereed Journal)
ISSN :2581-7930 (Online), Impact Factor (Cosmos): 7.270 & PIF (I2OR): 5.010, Volume 09, No. 04(I), October-December, 2026, pp 18-24

Microfinance and the Socio-Economic Empowerment of Rural Women: Evidence from Pathanapuram Taluk, Kerala

Dr. Ambily C R*

Associate Professor, Department of Commerce, St. Stephen's College, Pathanapuram, Kerala.

*Corresponding Author: ambilycr1985@gmail.com

Citation: *Ambily, C. (2026). Microfinance and the Socio-Economic Empowerment of Rural Women: Evidence from Pathanapuram Taluk, Kerala. International Journal of Advanced Research in Commerce, Management &Amp; Social Science, 09(04(I)), 18–24. https://doi.org/10.62823/ijarcmss/9.4(I).9608*

Abstract

Microfinance has become a core element of development policy worldwide, aiming to offer essential financial services such as microloans, savings, insurance and remittance services to people who remain isolated from the formal banking system. This study examines the relationship between participation in microfinance and the socio-economic empowerment of rural women in Pathanapuram Taluk, Kollam district, Kerala. It situates the local inquiry within the institutional development of Indian microfinance, tracing the transition from community-based initiatives to formal group-linked lending and Kerala's Kudumbashree model. The findings indicate high self-reported levels of economic empowerment across the sample. Educational attainment was associated with variation in several empowerment measures, with post-graduate respondents recording relatively high scores for income growth, household contribution, self-confidence, legal awareness and independence from moneylenders. Differences were also observed across household-income groups. At the same time, the analysis identifies persistent operational constraints. Complex documentation recorded the highest overall challenge score (M = 4.00), followed by high interest rates (M = 3.84) and strict repayment schedules (M = 3.68). The paper concludes with specific policy recommendations to narrow the gap between basic access to micro credit and the growth of sustainable, high value business. The evidence therefore suggests that access to microfinance is accompanied by substantial perceived gains in financial agency and social participation, while administrative burden, cost of credit and limitations in institutional support continue to constrain effective use.

Keywords: *Microfinance, Financial Inclusion, Women's Empowerment, Self-Help Groups, Kudumbashree, Rural Development.*

Introduction

Microfinance has become an important institutional response to the exclusion of low-income households from formal financial services. The traditional range of activities not only includes small credits but savings, insurance and other types of financial services that traditional banking structures have been unable to provide to the poorer segments of the population and rural dwellers. The importance of those services for rural women lies in their direct relation to having control over the income earned and access to the resources needed for productivity and decision-making in household and community settings.

The development of microfinance in India was marked by the evolution from the grassroots level into a more institutionalized structure, including public bodies, banks, non-governmental organizations and other financial service providers. The creation of SEWA Bank in Gujarat in 1974 showed the possibilities of banking services of poor working women. The launch of Bank Linkage Program of the Self-Help Group (SHG) by NABARD in 1992 provided a formal framework for linking group savings with

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bank loans without collateral. The sector gradually changed the focus of its activities from credits only to financial education, skills and social support.

Kerala is one such exceptional institutional environment in this regard. Kerala introduced Kudumbashree in 1998 as the "poverty eradication mission," which linked women to the local administration through Neighbourhood Groups (NHGs). This model created a wider context of collective business, savings, and civic engagement in microfinance. This paper attempts to explore the role of financial engagement of women in their economic and social life of rural areas in Pathanapuram Taluk.

Statement of the Problem

Development of financial infrastructures alone has not done away with financial exclusion of women living in rural areas. Lack of adequate formal collateral, poor level of financial and overall literacy in certain sections of people, and reliance on informal moneylenders have contributed to the problems in obtaining cheap finance for women, setting up businesses, and building wealth. Micro-finance through groups emerged as one way of overcoming these challenges, but it cannot be presumed that access to loans implies empowerment.

The interaction between borrowing and empowerment depends upon how borrowing is used, the strength of the institution, support from the family members, availability of markets, and conditions of repayment. There might be issues of over-indebtedness, revolving loans, and difficulties in making sustainable businesses in competitive local markets. Moreover, standardized and shorter duration loans do not always cater to the needs of insurance or asset accumulation. Hence, there is a need to look into results other than the process of loan giving and repayment, especially in terms of economic agency and social participation of women.

Scope and Significance of the Study

This study considers the experiences of rural women taking part in microfinance schemes in Pathanapuram Taluk, Kollam District of Kerala. The analysis revolves around two major dimensions of the women's experience: firstly, their perceptions about the economic impacts of their involvement such as increased income, family contributions, growth of their enterprise, savings, ownership of assets, confidence in dealing with banks and freedom from moneylenders; and secondly, the social impact aspects like decision making, social status, increased self-confidence, legal knowledge, local governance, social networking and crisis management capabilities.

The significance of the local context lies in the fact that the process of microfinance depends on the context in which it operates. Pathanapuram Taluk can thus be considered as an environment where community institutions, banks and local governance interact. It enables us to understand practical problems that cannot emerge out of any quantitative measurement of access to finances. It also provides a starting point to assess how well the financial products and the institutional arrangements cater to the needs of the women economically.

This paper is especially important to the development of flexible, gender-sensitive financial products. In addition, it highlights some of the operational challenges that include issues such as documentation, indebtedness, access to markets, loan size, and institution-building. In the context of social development of Kerala, this paper adds an empirical dimension of the link between microfinance involvement and women empowerment.

Objectives of the Study

- To assess the effects of microfinance on economic empowerment of rural women.
- To assess the social empowerment of rural women via their participation in microfinance operations.
- To determine the main problems and obstacles encountered by rural women in the process of accessing and using microfinance services.

Research Methodology

This research employs information from both primary and secondary sources. Primary information was gathered from 50 rural women who actively participated as members of microfinance institutions within Pathanapuram Taluk. A structured interview schedule was used in this case to collect information regarding household income, saving pattern, decision making and problems encountered

while dealing with the microfinance loans. Convenience sampling was employed due to the constraints prevailing within the field.

The secondary information was acquired from official documents, organizational records, brochures, journals and websites. The survey data was analyzed using SPSS software. The data analysis was descriptive in nature, employing mean scores and standard deviation of respondents' perceptions towards certain economic, social and operational indicators. The scale for all empowerment indicators was 1= Strongly Disagree to 5= Strongly Agree.

These findings must be considered with regard to the constraints imposed by the study design. In this case, the sample size is 50 respondents who have been recruited using convenience sampling. This implies that the findings do not reflect an estimation of how things are among all the rural women in Kerala. Furthermore, the measures used in the study are self-reports and descriptive; hence, they only show patterns of perceptions and operation difficulties.

Results and Discussion

- **Educational Attainment and Economic Empowerment**

Respondents were categorized under five categories of education, which included Primary, High School, Higher Secondary, Degree, and Post-Graduate. Mean and standard deviation of seven economic empowerment indicators are presented in Table 1.

Table 1: Economic Empowerment Indicators by Educational Attainment

Educational Level	Statistic	Income Growth	Household Contribution	Business Expansion	Savings Habits	Asset Ownership	Banking Confidence	Independence from Moneylenders
Primary (N=3)	Mean	4.00	3.00	4.00	5.00	4.33	4.67	4.67
	SD	1.73	1.73	1.73	0.00	0.58	0.58	0.58
High School (N=7)	Mean	4.00	3.71	3.43	3.86	4.29	4.29	3.86
	SD	1.53	1.38	1.27	1.35	1.11	1.11	1.07
Higher Secondary (N=4)	Mean	4.00	3.75	3.75	4.25	4.25	4.75	4.25
	SD	0.82	0.50	0.96	0.50	0.96	0.50	0.96
Degree (N=17)	Mean	3.94	3.76	3.65	3.71	4.24	4.18	4.18
	SD	1.20	0.83	0.86	0.77	1.03	0.81	0.81
Post-Graduate (N=19)	Mean	4.11	4.05	3.79	3.84	4.16	4.05	4.58
	SD	1.29	1.08	1.03	0.96	1.30	1.27	0.61
Total Sample (N=50)	Mean	4.02	3.82	3.70	3.90	4.22	4.22	4.32
	SD	1.24	1.04	1.02	0.93	1.09	1.02	0.79

Source: Primary Data

Note: Values are mean scores followed by standard deviations; scale = 1 (Strongly Disagree) to 5 (Strongly Agree).

Across the full sample, every economic empowerment indicator recorded a mean above 3.70. The highest overall mean was observed for independence from moneylenders (M = 4.32), followed by asset ownership and banking confidence (both M = 4.22). Income growth recorded a mean of 4.02, while household contribution, business expansion and savings habits recorded means of 3.82, 3.70 and 3.90, respectively. These values indicate a generally favourable pattern in respondents' reported economic outcomes.

Differences by educational attainment are also visible. Post-graduate respondents recorded the highest mean scores for income growth (M = 4.11), household contribution (M = 4.05) and independence from moneylenders (M = 4.58). The primary-education group reported the highest savings score (M = 5.00). The consistency of relatively high scores for asset ownership and banking confidence across educational categories suggests that perceived benefits were not confined to a single educational group.

- **Household Income and Economic Empowerment**

Economic empowerment was also examined across four monthly household-income categories. Table 2 shows the distribution of the seven indicators.

Table 2: Economic Empowerment Indicators by Monthly Income Category

Income Category (₹)	Statistic	Income Growth	Income Growth	Business Expansion	Savings Habits	Asset Ownership	Banking Confidence	Independence from Moneylenders
Below 10,000 (N=12)	Mean	4.33	3.75	4.00	3.75	4.00	4.33	4.17
	SD	1.07	1.36	1.35	1.36	1.48	0.98	1.03
10,000–20,000 (N=10)	Mean	3.40	3.40	3.30	3.80	4.10	3.90	4.20
	SD	1.17	1.17	0.95	1.03	0.74	1.20	0.63
20,000–30,000 (N=10)	Mean	4.00	3.70	3.70	3.90	4.50	4.30	4.20
	SD	1.63	0.95	0.82	0.57	0.71	0.82	0.79
Above 30,000 (N=18)	Mean	4.17	4.17	3.72	4.06	4.28	4.28	4.56
	SD	1.10	0.71	0.89	0.73	1.18	1.07	0.70
Total Sample (N=50)	Mean	4.02	3.82	3.70	3.90	4.22	4.22	4.32
	SD	1.24	1.04	1.02	0.93	1.09	1.02	0.79

Primary Data.
Note: Values are mean scores followed by standard deviations; scale = 1 (Strongly Disagree) to 5 (Strongly Agree).

The highest-income group, with monthly household income above ₹30,000, recorded the highest means for household contribution (M = 4.17), savings habits (M = 4.06) and independence from moneylenders (M = 4.56). At the lower end of the income distribution, respondents earning below ₹10,000 reported relatively high scores for income growth (M = 4.33) and business expansion (M = 4.00). The ₹20,000–30,000 group recorded the highest asset-ownership score (M = 4.50).

The pattern does not suggest a simple linear relationship between income and every dimension of empowerment. Rather, the figures indicate that microfinance participation was associated with favourable economic perceptions across income groups, while the ability to convert financial access into particular forms of household security varied by baseline income.

- **Educational Attainment and Social Empowerment**

Seven indicators were used to assess social empowerment: decision-making, social status, self-confidence, legal awareness, local governance, social networks and crisis handling. Table 3 presents the corresponding mean scores and standard deviations.

Table 3: Social Empowerment Indicators by Educational Attainment

Educational Level	Statistic	Decision Making	Social Status	Self Confidence	Legal Awareness	Local Governance	Social Network	Crisis Handling
Primary (N=3)	Mean	4.00	4.33	5.00	5.00	5.00	5.00	5.00
	SD	1.00	1.00	1.00	1.00	1.00	1.00	1.00
High School (N=7)	Mean	4.14	4.14	3.71	3.71	3.57	4.00	3.71
	SD	1.57	1.21	1.11	0.95	1.40	1.00	1.50
Higher Secondary (N=4)	Mean	4.00	3.75	3.75	3.75	4.00	4.25	3.50
	SD	0.82	0.50	1.26	1.26	0.82	0.50	1.29
Degree (N=17)	Mean	3.76	3.76	3.88	3.47	3.47	3.71	3.59
	SD	1.35	1.03	0.86	1.01	0.94	0.85	1.00
Post-Graduate (N=19)	Mean	4.05	3.95	4.11	4.11	3.53	3.58	3.58
	SD	1.03	1.22	0.81	1.05	0.90	0.77	1.12
Total Sample (N=50)	Mean	3.96	3.92	4.00	3.86	3.64	3.82	3.68
	SD	1.18	1.07	0.90	1.05	1.01	0.85	1.13

Source: Primary data.
Note: Values are mean scores followed by standard deviations; scale = 1 (Strongly Disagree) to 5 (Strongly Agree).

For the total response, self-confidence had the highest social-empowerment mean (M = 4.00), followed by decision-making (M = 3.96) and social status (M = 3.92). Legal awareness averaged 3.86, while social networks, crisis handling and local governance recorded means of 3.82, 3.68 and 3.64, respectively. The results therefore point to stronger perceived gains in personal confidence and household decision-making than in formal civic participation or crisis-management capacity.

Post-graduate respondents recorded the highest scores among the larger educational groups for self-confidence (M = 4.11), legal awareness (M = 4.11) and decision-making (M = 4.05). The primary group recorded values of 5.00 on several indicators, but its size of three respondents makes direct comparison with larger groups inappropriate. The results are therefore better read as descriptive differences within the sample rather than as evidence of a causal educational effect.

- **Household Income and Social Empowerment**

Table 4 examines the same social indicators across monthly household-income categories.

Table 4: Social Empowerment Indicators by Monthly Income Category

Income Category (₹)	Statistic	Decision Making	Social Status	Self Confidence	Legal Awareness	Local Governance	Social Network	Crisis Handling
Below 10,000 (N=12)	Mean	4.25	4.33	4.25	4.25	4.08	4.17	3.92
	SD	1.22	1.15	0.97	1.22	1.24	1.11	1.31
10,000–20,000 (N=10)	Mean	3.40	3.70	4.10	3.70	3.80	4.20	3.70
	SD	1.07	0.82	0.57	0.82	0.79	0.63	1.25
20,000–30,000 (N=10)	Mean	3.60	3.40	3.50	3.40	3.20	3.40	3.50
	SD	1.71	1.17	1.08	1.17	0.79	0.63	1.25
Above 30,000 (N=18)	Mean	4.28	4.06	4.06	3.94	3.50	3.61	3.61
	SD	0.67	1.00	0.87	0.94	0.62	0.61	1.04
Total Sample (N=50)	Mean	3.96	3.92	4.00	3.86	3.64	3.82	3.68
	SD	1.18	1.07	0.90	1.05	1.01	0.85	1.13

Source: Primary data.
Note: Values are mean scores followed by standard deviations; scale = 1 (Strongly Disagree) to 5 (Strongly Agree).

Women in the highest income category reported the strongest decision-making score (M = 4.28). Respondents below ₹10,000 reported relatively high scores for social status (M = 4.33), legal awareness (M = 4.25) and local governance (M = 4.08). The middle income categories scored slightly lower in other variables, such as decision-making and civic engagement at the local level. In both cases, however, the means stayed within the range from 3.64 to 4.00, regardless of the income category, on all sample variables.

These results imply that the social component of microfinance is not determined by the household income only. The very organizational nature of participation can create the opportunity for social interaction and mutual support even in the context of economically deprived households of women. On the other hand, relatively low results in local governance and crisis management point out some aspects of social agency, in which mere financial participation may not be enough.

- **Microfinance Provider Models and Operational Challenges**

The last stage of the analysis covers the practical difficulties associated with the participants. There were seven areas of difficulty assessed – interest rate pressure, paperwork complexity, inflexibility of repayments, lack of institutional support, lack of family support, size of loan amount and transport problems. Table 5 shows how the four types of providers compare.

Table 5: Perceived Operational Challenges by Microfinance Provider

Microfinance Provider	Statistic	High Interest Rates	Complex Documentation	Strict Repayment	Institutional Support Gaps	Lack of Family Support	Inadequate Loan Amounts	Transport Constraints
Kudumbashree (N=21)	Mean	3.95	4.29	3.67	4.00	3.62	3.86	3.81
	SD	1.02	1.06	1.24	1.18	1.20	1.11	1.17
NGO-Led (N=2)	Mean	3.50	4.00	3.50	4.50	4.00	3.50	4.00
	SD	0.71	1.41	0.71	0.71	1.41	0.71	1.41
Bank-Led (N=21)	Mean	3.95	3.81	3.67	3.05	2.19	3.14	3.24
	SD	0.92	0.81	0.91	0.80	0.98	0.65	0.62
Others (N=6)	Mean	3.17	3.67	3.83	3.67	3.67	3.17	3.17
	SD	1.47	1.37	0.98	1.03	1.03	0.75	0.75
Total Sample (N=50)	Mean	3.84	4.00	3.68	3.58	3.04	3.46	3.50
	SD	1.04	1.01	1.04	1.09	1.29	0.93	0.95

Source: Primary Data
Note: Values are mean scores followed by standard deviations; scale = 1 (Strongly Disagree) to 5 (Strongly Agree).

Both Kudumbashree and bank-led groups constituted 21 cases each, making up 84% of the total sample size. Among the total sample, the strongest factor was difficult documentation (M = 4.00). Next came the high interest rates (M = 3.84) and strict repayment conditions (M = 3.68). This data suggests that credit access does not necessarily reduce costs of borrowing money.

Provider level analysis yields different results. Kudumbashree members have faced the most difficult documentation process (M = 4.29), followed by the problem of lack of institutional support (M = 4.00) and lack of enough loan amount (M = 3.86). The bank-led participants encountered lesser family resistance (M = 2.19) and less lack of institutional support (M = 3.05), but still faced the problem of high interest pressure (M = 3.95). The NGO-led group included only two participants. In this small group, lack of institutional support (M = 4.50) and family support constraints (M = 4.00) were common issues.

When taken collectively, these results suggest a differentiation between financial inclusion and financial efficacy. The subjects of the study have positive economic and social experiences; however, administrative procedures, high interest rates, loan repayment requirements, and the differences in institutional support are still seen as obstacles. It is, thus, possible to conclude that microfinance is an institutional practice with its advantages being contingent on the conditions of lending.

Conclusion

This research paper presents an empirical analysis of the perceptions of rural women in Pathanapuram Taluk regarding the shifts in their status both economically and socially as a result of their involvement in microfinance programs. For all seven indicators of economic empowerment, the average score among the 50 participants in the study exceeded 3.70, while for social empowerment, overall positive numbers were recorded. Economic perception was best expressed in the form of independence from lenders, and social empowerment was seen in self-confidence and decision-making in the home.

While at the same time, the results highlight the fact that participation should not be conflated with full empowerment. Documentation, interest rates and repayment plans were some of the operational issues identified, while the type of support provided through institutions was different depending on the types of providers. This shows that improving the results of the microfinance strategy involves not just providing access to credit but also simplifying administration, adequate loans, repayment plan and continuous institution support. In terms of the local environment that is being examined, microfinance does more than just serve as a tool to acquire credit. It is linked to positive changes such as financial confidence, household contributions, savings, decision making and social participation. The fact that there are still operational challenges means that the quality of institutional relationship with respect to credit is just as important as access to it.

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