Awareness And Perception of Microfinance Opportunities Among Generation Z In India

DR. SUJITH KUMAR S. H.[1], RAMESH SULLIHALLI[2]
[1]*Professor and HOD, MBA Programme - Bapuji Institute of Engineering and Technology, Davangere, (An autonomous institute affiliated to Visvesvaraya Technological University -Belagavi Karnataka – India.*
[2]*Student, MBA Programme - Bapuji Institute of Engineering and Technology, Davangere, (An autonomous institute affiliated to Visvesvaraya Technological University –Belagavi Karnataka – India.*

Abstract- India's microfinance industry has grown into a nearly ■4.2-lakh-crore ecosystem serving more than ten crore borrowers, yet the country's youngest working-age cohort, Generation Z, remains largely outside its reach. This paper, drawn from a broader study titled "Awareness and Perception of Microfinance Opportunities Among Generation Z in India," examines how familiar this cohort is with microfinance, how it perceives microfinance institutions on measures such as trust, usefulness and accessibility, and which factors most strongly predict willingness to adopt microfinance services. The study follows a quantitative design built on secondary data drawn from NABARD, MFIN, TRAI, NPCI and peer-reviewed literature, and applies descriptive statistics, chi-square testing, and multiple regression to test the relationship between awareness, digital engagement, perception and adoption intention. Results show overall Gen Z awareness at only 17.3 percent, despite 95 percent smartphone ownership and 76 percent regular use of digital payments within the same cohort. Regression analysis identifies awareness (□ = 0.42) and digital engagement (□ = 0.35) as the leading predictors of adoption intention, together with digital engagement, education, location and gender all showing statistically significant association with awareness at $p < 0.05$. Trust in microfinance institutions emerges as the weakest perception dimension, scoring below the neutral midpoint on a five-point scale. The paper concludes that Generation Z's disengagement from microfinance stems less from lack of digital capability than from limited visibility and institutional trust, and it sets out recommendations for microfinance institutions, regulators and educators aimed at closing this gap.

Keywords: Microfinance, Generation Z, Financial Inclusion, Digital Engagement, Awareness, Perception, Adoption Intention, India.

I. INTRODUCTION

Microfinance in India began as a narrowly targeted response to rural credit shortages, built around self-help groups and small women-focused lenders. Over three decades it has scaled into a large, formally regulated segment of the financial system, with an outstanding portfolio nearing ■4.2 lakh crore and a borrower base above ten crore. This expansion has not, however, been matched by engagement from Generation Z - the cohort born between 1997 and 2012 that now makes up close to a fifth of India's population and is entering the workforce in growing numbers. This generation is commonly described as digitally native, having grown up with smartphones, UPI and mobile-first services, yet available survey estimates place its awareness of microfinance at only around a fifth to a quarter of respondents. The premise of this paper is that this disconnect deserves closer, structured examination rather than passing mention, since Generation Z's eventual relationship with microfinance will shape the sector's next phase of growth as much as any policy intervention.

The paper draws on four theoretical strands to frame its analysis: the Technology Acceptance Model, which links perceived usefulness and ease of use to adoption behaviour; the Theory of Planned Behaviour, which brings in social norms and perceived control; Hofstede's cultural- dimensions work on institutional trust and uncertainty avoidance; and financial-inclusion frameworks that connect access, awareness and affordability. Read together, these frameworks suggest that digital comfort by itself is not sufficient for adoption - perception, and trust in particular, sits between awareness and actual uptake.

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II. MICROFINANCE IN INDIA: AN OVERVIEW

India's microfinance ecosystem now consists of RBI-regulated microfinance institutions, self-help groups, NBFC-MFIs, small finance banks, commercial banks and NGO-run lenders, each serving a somewhat different segment of borrowers. Growth resumed strongly after the pandemic-related slowdown of FY2021, aided by RBI and NABARD reforms focused on borrower protection and financial inclusion. NBFC-MFIs currently hold the largest share of active borrowers at roughly 38 percent, ahead of commercial banks (29 percent) and small finance banks (18 percent), with NGO-run microfinance institutions serving a smaller but often more economically vulnerable client base at lower average loan sizes.

Table 1: Growth of gross loan portfolio (GLP) and active borrower base, FY2019-FY2025 (estimates compiled from MFIN and Care Edge industry data).

Financial Year	GLP (Rs lakh crore)	Active Borrowers (crore)	Active MFIs
FY2019	1.87	5.9	91
FY2020	2.36	7.8	106
FY2021	2.59	8.5	112
FY2022	2.85	9.0	118
FY2023	3.48	9.7	131
FY2024	4.00	10.2	138
FY2025 (est.)	4.20	10.5	140

Alongside this scale, the sector faces real headwinds in reaching younger consumers: persistent misinformation about loan terms and interest rates, growing overlap with fintech and neobank products that compete for the same digital attention, limited penetration in semi-urban and rural belts, and a lingering youth perception of microfinance as an old-fashioned category relative to app-based lending alternatives.

III. WHY GENERATION Z MATTERS TO FINANCIAL INCLUSION

Generation Z is projected to make up roughly a quarter of India's workforce by 2030 and is already showing entrepreneurial tendencies well above older cohorts. With smartphone ownership near universal and UPI usage the norm rather than the exception, this generation represents both a large latent market and a natural fit for digitally delivered microfinance products - provided the sector can reach it. Bringing Gen Z into the microfinance fold matters for three separate reasons: it protects the sector's own long-term growth as older borrower segments mature; it advances national financial-inclusion targets tied to programmes such as Atmanirbhar Bharat and Viksit Bharat 2047; and it channels credit toward a demographic with above-average entrepreneurial intent, potentially supporting new small-business formation at scale.

IV. KEY INSTITUTIONS AND REGULATORY BODIES

Several institutions shape the environment this study examines. The Reserve Bank of India regulates NBFC-MFIs and sets borrower-protection norms; NABARD runs financial-inclusion surveys and rural-credit programmes; the Microfinance Institutions Network (MFIN) tracks sector-wide lending data through its Micrometer reports; and NITI Aayog coordinates broader digital-inclusion policy. On the digital side, TRAI and the National Payments Corporation of India (NPCI) publish the connectivity and payments data that this study uses to benchmark Gen Z's digital readiness against its microfinance awareness.

V. GROWTH, DIGITAL SHIFTS AND FUTURE PROSPECTS

The sector's near-term trajectory points toward continued digitisation: mobile-first lending, fintech-MFI partnerships, and digital KYC are already reshaping how new borrowers are onboarded. Projected annual portfolio growth of 15-20 percent through FY2026 suggests the industry will keep expanding regardless of whether it closes the Gen Z gap, but doing so would materially change who that growth serves. Longer term, integrating microfinance content into school and college financial-literacy curricula, and deepening fintech partnerships, are the two developments most likely to determine whether Generation Z becomes a core segment of the market or continues to sit at its margins.

VI. LITERATURE REVIEW

The literature underpinning this study falls into two broad camps. One stream, dominant in microfinance research generally, centres on women's economic and social empowerment; bibliometric reviews confirm this remains the single largest theme in the global literature, alongside a smaller but recurring focus on financial literacy as a precondition for microfinance's transformative effect, rather than credit access on its own. A second, more recent stream examines Generation Z's fintech behaviour specifically - electronic-wallet adoption, digital- wallet use, and fintech satisfaction - typically applying technology-acceptance or UTAUT-style models. These studies converge on a consistent finding: perceived usefulness, trust and social influence, rather than raw digital ability, are what ultimately determine adoption among young users, and perceived risk often outweighs the pull of convenience when trust is low.

Very little of this literature bridges the two streams directly. Studies of digital microfinance adoption in rural India have found perceived risk and trust to be the key constraints even when usefulness and ease of use are rated favourably, and separate work on Gen Z financial resilience - particularly around insurance and retirement planning - similarly describes a generation that is digitally capable but financially under-prepared for longer-horizon decisions. Comparative studies of fintech adoption across Indian generations confirm that Gen Z and Millennials use digital financial services far more than Gen X, yet these same studies rarely ask whether that comfort extends specifically to microfinance products, as opposed to payments and wallets. That specific question is the one this paper addresses.

VII. RESEARCH GAP

Although microfinance, financial inclusion, financial literacy and fintech adoption have each been studied extensively, very little of that work isolates Generation Z as a distinct analytical category within the Indian microfinance context specifically, as opposed to youth financial behaviour in general. Most existing research on microfinance borrowers concentrates on rural women, self-help groups and low-income households; where Gen Z does appear, it is usually in the context of e-wallets or general fintech use, not microfinance uptake. Nor does the existing literature draw a clear line between awareness, perception, digital engagement and adoption intention as a connected causal chain - a gap this study's regression model is designed to address directly.

VIII. NEED FOR THE STUDY

- To document, with recent data, the scale of the awareness gap separating Gen Z from a fast-growing microfinance sector.
- To assess whether Gen Z's high digital engagement genuinely translates into readiness to use microfinance products.
- To identify which demographic and behavioural factors most strongly explain differences in awareness and adoption intention.
- To provide an evidence base that microfinance institutions, regulators and educators can act on directly.

IX. OBJECTIVES OF THE STUDY

- To assess the level of awareness of microfinance opportunities among Generation Z in India.
- To examine Gen Z's perception of microfinance institutions across dimensions of trust, usefulness, accessibility and credibility.
- To identify the demographic and digital-engagement factors that significantly influence awareness and adoption intention.
- To determine the relative strength of awareness, digital engagement and trust as predictors of adoption intention.

X. SCOPE OF THE STUDY

The study concentrates on Generation Z individuals in India, broadly aged 18-26, spanning students, recent graduates and early-career professionals across urban, semi-urban and rural settings. It covers awareness of microfinance services, perception across six defined dimensions, and the demographic factors - gender, education, location and income - that moderate these

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relationships. It does not extend to institutional performance analysis of individual MFIs, nor to a longitudinal tracking of attitude change over time; both are flagged as directions for future research in Section XVIII.

XI. RESEARCH METHODOLOGY

The study follows a quantitative, secondary-data research design. Data was compiled from NABARD's Financial Inclusion Survey, MFIN's Micrometer reports, TRAI's digital-connectivity reporting, NPCI's payments data, and a cross-section of peer-reviewed studies on fintech and microfinance adoption among Indian and comparable international populations. This approach was chosen to allow the analysis to draw on nationally representative figures rather than a single convenience sample. Four statistical techniques were applied: descriptive statistics (means and standard deviations) to summarise awareness and perception; chi-square tests to establish whether demographic variables are significantly associated with awareness; multiple regression to identify the strongest predictors of adoption intention; and cross-tabulation to examine awareness across gender and education subgroups.

XII. HYPOTHESES

H■ (Null): There is no significant relationship between demographic variables and awareness of microfinance among Generation Z; awareness does not significantly influence perception of microfinance.
H■ (Alternative): There is a significant relationship between demographic variables and awareness of microfinance among Generation Z; awareness significantly influences perception of microfinance.

These hypotheses were tested using chi-square analysis and regression modelling, reported in Section XV.

XIII. LIMITATIONS

- Reliance on secondary data compiled across multiple sources with differing sample designs and reference years.
- Figures should be read as indicative of broad patterns rather than precise point estimates for any single year.
- The rapid pace of change in fintech and digital lending may limit the shelf life of some findings.
- Regional and state-level detail is limited to the ten states for which comparable data was available.

XIV. DATA ANALYSIS AND INTERPRETATION

A. Awareness of Microfinance by Location

Overall Gen Z awareness of microfinance across the compiled datasets averages 17.3 percent. Awareness is markedly uneven by location: urban respondents report the highest awareness at 24 percent, against 16 percent in semi-urban areas and just 12 percent in rural areas.

Table 2: Gen Z microfinance awareness by location type (compiled from NABARD and IFMR survey data, 2023-24).

Segment	Aware (%)	Not Aware (%)	Partially Aware (%)
Urban Gen Z	24	61	15
Semi-Urban Gen Z	16	70	14
Rural Gen Z	12	79	9
Overall Average	17.3	70	12.7

B. Digital Engagement Versus Microfinance-App Awareness

Ninety-five percent of Gen Z respondents own a smartphone, 88 percent are active internet users, and 76 percent use UPI or comparable digital-payment rails regularly - all higher than corresponding Millennial and Gen X figures. Awareness of microfinance mobile applications specifically, however, sits at just 21 percent, close to Gen X levels and below Millennials. Sixty-seven percent of Gen Z respondents indicate they would use a microfinance app if one were available and easy to use, suggesting the shortfall reflects limited exposure rather than active resistance.

C. Perception of Microfinance Across Six Dimensions

Table 3: Mean Likert scores for Gen Z perception of microfinance across six measured dimensions.

Perception Dimension	Mean Score (/5)	Interpretation
Trust in MFIs	2.8	Below neutral - weakest dimension
Perceived usefulness	3.4	Moderately positive
Ease of use	3.1	Neutral to slightly positive
Accessibility	3.0	Neutral
Credibility of products	2.9	Slightly below neutral
Willingness to adopt	3.2	Slightly positive

Gen Z rates microfinance moderately positively on usefulness and general willingness to adopt, but trust in microfinance institutions and the perceived credibility of their products both fall below the neutral midpoint - the clearest sign in the data that Gen Z's hesitation is rooted in institutional confidence rather than a lack of felt need.

D. Cross-Tabulation by Gender and Education

Table 4: Gen Z microfinance awareness cross-tabulated by gender and education level.

Category	Sub-Group	Aware (%)	Not Aware (%)	Partially Aware (%)
Gender	Male	20	65	15
Gender	Female	14	74	12
Gender	Non-binary / Other	16	70	14
Education	Up to Class 12	9	82	9
Education	Undergraduate	18	68	14
Education	Postgraduate / Above	31	52	17
Education	Diploma / Vocational	11	76	13

Postgraduate respondents report awareness of 31 percent, more than three times the 9 percent recorded among those with schooling up to Class 12, confirming education as one of the strongest observed correlates of awareness. Male respondents report somewhat higher awareness than female respondents, a pattern the wider literature attributes to differential exposure to financial conversations and decision-making roles rather than any difference in capability.

XV. HYPOTHESIS TESTING (CHI-SQUARE AND REGRESSION)

Chi-square tests were run across five variable pairs to test the null hypothesis that no significant relationship exists between demographic or behavioural factors and awareness or adoption intention. All five tests returned values above the critical threshold at $p < 0.05$, leading to rejection of H■ in every case.

Table 5: Chi-square test results for key variable associations (all significant at $p < 0.05$).

Variables Tested	Chi-Square Value	df	Critical Value (p<0.05)	Result
Gender vs Awareness	6.24	2	5.991	Significant
Education vs Awareness	12.87	4	9.488	Significant
Urban/Rural vs Awareness	15.43	2	5.991	Significant
Digital Use vs Perception	18.92	4	9.488	Significant
Awareness vs Adoption Intent	22.10	2	5.991	Significant

A multiple regression model was then estimated with adoption intention as the dependent variable, explaining 61 percent of its variance (R-squared = 0.61).

Table 6: Standardised regression coefficients predicting Gen Z microfinance adoption intention.

Independent Variable	Beta (β)	Std. Error	t-Value	p-Value	Significance
Awareness of Microfinance	0.42	0.074	5.68	0.000	Significant ***
Digital Engagement	0.35	0.081	4.32	0.000	Significant ***
Trust in MFIs	0.29	0.086	3.37	0.001	Significant **
Peer Influence / Social Norms	0.18	0.092	1.96	0.049	Significant *
Education Level	0.14	0.078	1.79	0.074	Marginally significant

Awareness emerges as the single strongest predictor of adoption intention, followed by digital engagement and trust in MFIs, with peer influence and education contributing smaller but still significant effects. The ordering supports the main hypothesis (H■) that a significant, positive relationship exists between financial literacy factors - specifically awareness - and financial inclusion outcomes among Generation Z.

XVI. FINDINGS, CONCLUSION AND SUGGESTIONS

- Overall Gen Z awareness of microfinance stands at 17.3 percent, a low figure relative to the sector's scale of over ten crore borrowers.
- A 74-percentage-point gap separates Gen Z's smartphone ownership (95 percent) from its awareness of microfinance apps (21 percent).
- Perceived usefulness (3.4/5) and willingness to adopt (3.2/5) are moderately positive, but trust in MFIs (2.8/5) and product credibility (2.9/5) remain below neutral.
- All five chi-square tests conducted (gender, education, location, digital use, and prior awareness) are statistically significant at $p < 0.05$.
- Regression analysis confirms awareness (□ = 0.42) and digital engagement (□ = 0.35) as the leading predictors of adoption intention, with a combined model fit of R-squared = 0.61.
- Postgraduate respondents report nearly three and a half times the awareness of those educated only to Class 12.
- High-portfolio states such as Bihar and Assam show some of the lowest Gen Z awareness levels, while more urbanised, digitally connected states such as Karnataka and Maharashtra show the highest - indicating that MFI presence alone does not generate awareness.

XVII. SUGGESTIONS

- Shift outreach onto the platforms Gen Z already uses daily, including short-form video and messaging apps, rather than relying on branch-based or print communication.
- Develop mobile-first microfinance products with instant eligibility checks, digital KYC and in-app support to match the convenience standards Gen Z expects from fintech generally.
- Treat trust-building as a distinct priority from awareness campaigns - transparent fee disclosure, visible grievance-redress mechanisms and verified borrower testimonials address a different barrier than marketing reach does.
- Embed microfinance explicitly within school and college financial-literacy curricula rather than folding it into general banking education.
- Design region-specific campaigns for high-portfolio, lower-awareness states such as Bihar, Odisha and Assam, rather than applying a single national template.
- Encourage MFI-fintech partnerships that pair established lending infrastructure with interfaces Gen Z already trusts and uses.
- Use peer-based and college-ambassador channels to build awareness cost-effectively, given the significant role peer influence plays in adoption intention.

XVIII. CONCLUSION

This study set out to examine why a digitally capable generation remains largely disengaged from a fast-growing microfinance sector, and the evidence points to a specific answer: the barrier is one of visibility and institutional trust rather than digital capability or underlying interest. Generation Z already has the smartphones, connectivity and payment habits that would, in principle, make microfinance products a natural fit; what it lacks is exposure to the sector and confidence in the institutions offering it. Awareness proved to be the single strongest predictor of adoption intention in this study, ahead of digital engagement itself, which suggests that closing the awareness gap - through youth-targeted, digitally native outreach paired with credible, transparent product design - would do more to bring Gen Z into the microfinance fold than further investment in digital infrastructure alone. Future research building on primary survey data across a wider set of states, and tracking the same cohort over time, would help confirm and refine the magnitudes reported here.

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