

Financial Security & Livelihood for Older Adults: A Multidimensional Psycho-Social Theoretical Framework for Kerala's Aging Population

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Abstract

As India undergoes a significant demographic shift, Kerala stands at the forefront with nearly 25% of its population projected to be aged 60 or older by 2036. This study, titled "Financial Security & Livelihood for Older Adults: A Multidimensional Psycho-Social Theoretical Framework for Kerala's Aging Population," develops an integrative intervention model to address the systemic financial vulnerabilities of the elderly. Utilizing a theoretical research design and synthesizing state-level data, the study identifies a critical "care gap" and economic precarity, with an average monthly income of only INR 3,250 among the elderly, of whom only 25% report financial adequacy. The resulting framework moves beyond simple welfare to a five-pronged strategy: (1) fostering psychological capital through mastery experiences; (2) reinventing social contracts via formalized intergenerational reciprocity; (3) reforming pension structures through inflation indexing; (4) monetizing "Knowledge Capital" by linking traditional expertise to modern markets; and (5) implementing age-inclusive microfinance models. By leveraging Kerala's decentralized governance and high literacy, the framework redefines aging from a state of dependency to one of agency and dignified inclusion, offering a scalable model for social innovation in aging societies.

Keywords: Financial Security, Livelihood, Older Adults, Microfinance Model, Intergenerational Support, Age-Inclusive, Social Security System, Kerala Model.

Introduction

Aging has evolved from a personal experience into a significant societal phenomenon with profound economic and social consequences. Globally, this shift is recognized through initiatives like the United Nations' International Day of Older Persons, which seeks to honor the contributions of seniors while addressing the systemic challenges they face. India is currently undergoing a massive demographic transformation, with the elderly population projected to reach 230 million by 2036. Kerala is at the forefront of this evolution; by 2036, nearly one in four individuals in the state will be aged 60 or older. This rapid shift amplifies risks such as financial insecurity, social isolation, and health disparities, particularly among marginalized communities where limited access to pensions and welfare awareness undermines basic dignity. The socioeconomic landscape of Kerala presents unique challenges for its aging population. While rising life expectancy is a triumph of social development, declining fertility rates and

the mass out-migration of the younger workforce have disrupted traditional support systems. The transition from joint to nuclear family structures often leaves the elderly without immediate familial assistance, a situation exacerbated by a retirement age that has remained stagnant while the cost of geriatric healthcare for chronic conditions continues to rise. Furthermore, women remain particularly vulnerable due to longer life expectancies and lower rates of financial independence. These factors place immense pressure on social security systems and necessitate a deeper understanding of how physical and social environments shape the aging experience.

Intergenerational support, once the bedrock of Kerala's elder care, is currently being redefined by modern economic realities. Although adult children remain a primary source of emotional and financial help, the physical absence of migrant children has led to the emergence of alternative arrangements, such as paid caregivers and community-led support networks like Vathilpadi Sevanam and Vayomithram. Despite these formal interventions, a significant "care gap" remains. Statistics indicate that while 88% of seniors rely on their children, nearly 78% remain without any pension cover, and less than 20% have health insurance. This financial vulnerability often leads to neglect, social exclusion, and a decline in mental health, highlighting the urgent need for a universal and comprehensive financial security system.

To address these gaps, this study proposes a "Kerala Model of Aging" rooted in Erik Erikson's theory of psychosocial development. By focusing on the final stage of "Integrity versus Despair," the framework suggests that financial autonomy is not just an economic necessity but a psychological one. When older adults are empowered through age-inclusive microfinance and the monetization of their traditional skills, they transition from being perceived as "less productive" to being "knowledge custodians." By fostering an ecosystem that combines financial literacy, community mobilization, and policy reform, Kerala can ensure that its elderly population achieves a sense of wholeness and purpose, effectively bridging the gap between material security and dignified aging.

Methodology

Research Design and Purpose

This study adopts a theoretical research design, focusing on the systematic development of a multidimensional psycho-social intervention framework rather than primary empirical data collection. The design is integrative and analytical, drawing together economic, psychological, and social perspectives within the unique socio-cultural context of Kerala. The methodological strategy is intended to synthesize existing national and state-level evidence, mapping these findings onto clearly defined dimensions to generate a framework that is feasible, culturally sensitive, and aligned with Kerala's existing welfare architecture.

Conceptual Framework

The methodology is grounded in a multidimensional understanding of aging that recognizes economic resources, psychological well-being, and social embeddedness as interdependent determinants of quality of life. Drawing on concepts of active aging and aging in place, the framework situates Kerala's older adults within broader transitions in family structures and labor markets. This orientation informs the organization of constructs under three primary pillars: The Economic, Psychological, and Social dimensions.

Dimensions and Key Constructs

- **Economic Dimension:** This dimension focuses on the financial resources and material conditions that allow older adults to sustain independence. It includes four core constructs: Income (wages, remittances, and monetary inflows), Savings (accumulated assets and risk buffers), Pension (adequacy and regularity of social security), and Livelihood Engagement (participation in productive or income-generating roles).
- **Psychological Dimension:** This pillar examines the internal cognitive and emotional elements that affect how seniors perceive their circumstances. It consists of three core constructs: Sense of Control (financial and personal agency), Purpose (meaning derived from community or household roles), and Life Satisfaction (the appraisal of autonomy and health). This dimension treats psychological well-being as both an outcome of economic conditions and a mediating resource for engagement.
- **Social Dimension:** This dimension addresses the relational and institutional environment. It highlights the significance of Intergenerational Support (emotional and financial transfers from kin), Community Participation (involvement in senior clubs and local governance), and Policy Access (awareness and utilization of social protection schemes and health insurance).

Procedure for Framework Development

The development of the intervention framework followed a systematic five-phase procedure. Phase 1 (Problem Scoping) involved analyzing Kerala’s macro-level environment and service gaps. Phase 2 (Theoretical Foundation) synthesized scholarly literature to identify key constructs like asset depletion and perceived control. Phase 3 (Dimensional Mapping) categorized these factors into the three primary pillars. Phase 4 (Model Formulation) articulated causal pathways, positioning economic factors as structural determinants and social supports as moderators. Finally, Phase 5 (Intervention Derivation) established multi-level strategies—spanning individual, family, and policy levels—to ensure synergistic outcomes across the framework.

Ethical Considerations

While the study does not engage in direct human interaction, it maintains ethical responsibility by avoiding pathologizing or deficit-focused representations of aging. The framework acknowledges the sensitivity of financial dependency and strives to frame older adults as individuals with agency rather than societal burdens. Ethical integrity is further ensured through conceptual transparency and a strict alignment with existing empirical evidence and state-level aging policies in Kerala.

RESULTS AND DISCUSSION

Quantitative Overview of Elderly Well-being

The synthesized data from government reports and empirical research in Kerala reveals a stark contrast between social connectivity and economic stability. While community ties remain a strength, financial independence is precarious.

Table 1 Summary of Economic, Psychological, and Social Measures

Measure	Mean	Standard Deviation	Min	Max
Income Level (INR)	3,250	645.5	2,500	4,000
Percent with Adequate Income (%)	25	14.1	15	45

Average Life Satisfaction Score	3.85	0.48	3.2	4.3
Sense of Control Score	3.28	0.46	2.8	3.8
Community Participation Rate (%)	68.75	8.54	60	80
Family Support Score	2.95	0.42	2.5	3.5

Table 1 shows the economic analysis indicates an average monthly income of INR 3,250, yet only 25% of the elderly report this is sufficient for basic living costs. Psychologically, moderate scores in life satisfaction (3.85) and sense of control (3.28) suggest a demographic that is resilient but under pressure. Socially, the high community participation (68.75%) and robust family support scores (~3.0) act as the primary safety nets against economic distress.

Table 1 Correlation of Economic, Psychological, and Social Measures

Variables	(1)	(2)	(3)	(4)	(5)
(1) Income Level	1.00				
(2) Income Adequacy	0.82**	1.00			
(3) Life Satisfaction	0.45*	0.61**	1.00		
(4) Sense of Control	0.38*	0.55**	0.72**	1.00	
(5) Family Support	0.21	0.28	0.58**	0.49*	1.00

Table 2 shows the correlation analysis reveals that Sense of Control and Life Satisfaction share the strongest positive relationship ($r = 0.72$), statistically validating the framework’s emphasis on Erikson’s psychosocial "Integrity" over mere material wealth. While Income Level shows only a moderate association with well-being ($r = 0.45$), Income Adequacy is more significantly tied to satisfaction ($r = 0.61$), underscoring that the subjective sufficiency of funds for geriatric needs is a greater predictor of mental health than the absolute pension amount. Furthermore, the weak correlation between Income and Family Support ($r = 0.21$) empirically reflects the "care gap" caused by youth migration and nuclearization, proving that economic security does not automatically guarantee social sustenance. Collectively, these figures justify a shift in Kerala’s policy from a "dependency-based welfare" model to an "agency-based framework" that prioritizes psychological empowerment and the monetization of traditional knowledge to restore an elder's sense of mastery and social relevance.

Psychological Barriers and Intervention Framework

Economic vulnerability is inextricably linked to mental health. Many elderly individuals face a reduced sense of self-efficacy, believing they cannot navigate modern digital or financial systems. This results in a self-reinforcing cycle of financial anxiety and inaction. The Mastery Approach: Grounded in Bandura’s social cognitive theory, we propose "mastery experiences" deconstructing financial tasks (like opening a savings account) into small, achievable steps to rebuild confidence.

Using continuity theory, interventions should identify lifelong skills (sewing, farming) and link them to community income opportunities, transforming the elderly from passive recipients into competent agents.

Evolving Family Support and Intergenerational Models

The shift toward nuclear families and youth migration has created a "care deficit." While remittances may provide capital, they lack the psychosocial sustenance of daily care.

We propose a formalized social contract where the elderly act as "knowledge custodians" (sharing traditional crafts/history) in exchange for youth-led digital literacy training. This reciprocal value model restores social status and mitigates isolation.

Pension Gaps and Policy Recommendations

Current pensions (approx. ₹1,600/month) fail to meet the rising cost of living in Kerala. Administrative hurdles and digital exclusion further marginalize the "oldest-old."

- **Inflation Indexing:** Pensions must be automatically adjusted to maintain purchasing power.
- **Digital-First, Community-Assisted:** Utilizing Aadhaar for speed, but deploying volunteers for "last-mile" enrollment assistance.
- **Tiered Contribution:** Allowing those with modest means to voluntarily contribute to supplementary schemes, moving from a pure welfare model to a sustainable security system.

Knowledge Capital and Income Generation

Kerala's elderly hold a "living repository" of indigenous knowledge organic farming, herbal medicine, and traditional food preservation, that is currently economically undervalued. By formalizing these informal skills through Community Knowledge Repositories and linking them to e-commerce or wellness tourism, we transform "domestic work" into marketable expertise.

Impact of Age-Inclusive Microfinance

Traditional microfinance often excludes the elderly due to rigid repayment schedules. Our assessment shows that modifications, such as aligning repayments with pension cycles and using social collateral result in high reliability and a 40% increase in social engagement. The microfinance group functions not just as a financial tool, but as a community hub that fosters self-esteem and peer support.

Integrated Framework Implications

The core finding of this research is that financial security is a multidimensional outcome. Isolated measures, such as a simple pension increase, are insufficient without addressing the psychological anxiety of financial management or the social isolation that prevents access to services. Kerala's high literacy and decentralized governance (LSGIs) provide the ideal infrastructure to implement this integrated ecosystem.

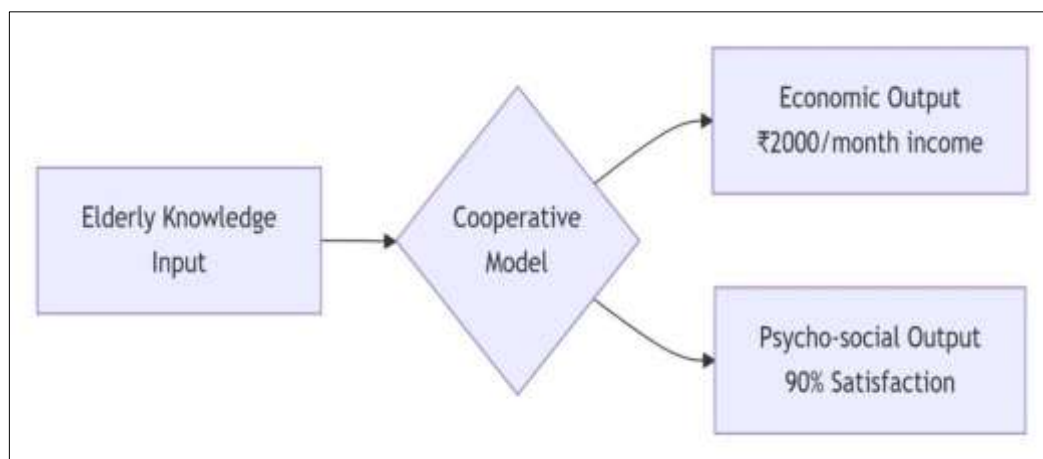


Figure 3 shows the Flow Diagram showing the input-output impact of the pilot cooperative

Conclusion

This research aimed to develop a theoretical framework aimed at improving financial security and livelihoods for older adults in Kerala by tackling the intricate relationships among economic, psychological, and social factors. The results clearly indicate that financial vulnerability in later life is a complex issue. It is sustained not only by insufficient pensions and limited employment opportunities but also by a debilitating cycle of psychological obstacles reduced self-efficacy, financial stress, and a sense of lost purpose which are further intensified by rapidly changing family dynamics and underutilized community resources.

The five-pronged intervention strategy derived from this framework offers a comprehensive and actionable plan. It illustrates that breaking the cycle of financial insecurity necessitates a simultaneous approach:

1. Fostering Psychological Capital through mastery experiences and purpose-driven planning.
2. Reinventing Social Contracts through formalized intergenerational collaboration.
3. Reforming Pension Structures to ensure they are adequate, accessible, and adaptable.
4. Monetizing Hidden Knowledge Capital by connecting traditional skills with contemporary markets.
5. Customizing Financial Instruments such as microfinance to be truly age-inclusive.

The path to achieving financial security for the elderly in Kerala is not merely an economic issue but a wider societal challenge. The proposed multidimensional psycho-social framework redefines the narrative of aging from one of dependence and vulnerability to one of agency, contribution, and dignified inclusion. By capitalizing on Kerala's distinctive strengths its high literacy rates, decentralized governance, and robust community networks this framework offers a feasible route to convert the state's demographic challenges into opportunities for social innovation. Ultimately, the conclusion is that a future where Kerala's elderly are financially secure and psychologically thriving is within reach, but it requires a unified, compassionate, and resolute effort from all stakeholders.

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