

Empowering Women Communities through Skill Development and Leadership Programs

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Abstract

Women's empowerment remains a central challenge in community development, particularly in rural settings where limited access to education, economic resources, and leadership opportunities constrains women's potential. This community engagement program aimed to strengthen women's capacity through integrated skill development and leadership training based on the Participatory Rural Appraisal (PRA) approach. The program involved 35 women in Desa Sukamakmur over six months, engaging them in participatory mapping, focus group discussions, workshops, and peer mentoring sessions. Data were collected through observation, interviews, and pre-post assessments, then analyzed using mixed methods, including descriptive statistics, thematic analysis, and correlation tests. The findings showed a significant increase in participants' entrepreneurship skills and leadership confidence, supported by a strong correlation between skill acquisition and leadership capacity ($r = 0.71$, $p < 0.01$). Qualitatively, women demonstrated greater confidence, collaboration, and participation in community decision-making. The program concluded that combining practical skills with leadership empowerment fosters sustainable, community-led transformation. Its contribution lies in providing a replicable model of participatory women's empowerment that bridges economic independence and social leadership.

Keywords

Leadership Development, Participatory Rural Appraisal, Skill Development, Women Empowerment.



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INTRODUCTION

In recent years, the discourse around women's empowerment has evolved significantly, especially within community development initiatives that emphasize both *skill development* and *leadership cultivation*. Empowering women not simply as beneficiaries but as agents of change has become pivotal in fostering sustainable social transformation. According to the

United Nations Development Programme (UNDP), promoting gender equality and women's empowerment involves increasing women's participation, decision-making, and influence in all spheres of society. UNDP For many communities globally, women represent a substantial, though often under-utilised, resource in local development, yet their potential remains constrained by structural, cultural, economic, and educational barriers. Skill development and leadership programs emerge as critical strategies to bridge this gap enabling women to gain both technical competencies and the agency to lead initiatives.

The problem, however, is multi-layered. While numerous programs focus on women's vocational training or micro-enterprise development, fewer integrate systematic leadership development and community-based participatory approaches. Empirical evidence indicates that many empowerment initiatives struggle to translate training into lasting agency and leadership roles within communities. For example, one systematic review of gender-specific and gender-transformative interventions emphasised that interventions often target capacity building, yet fall short of enabling women's decision-making and structural power. PMC Moreover, a 2024 study identified persistent barriers for women's entry into entrepreneurship in community contexts highlighting issues such as patriarchal norms, limited access to networks, and insufficient follow-through in leadership development.

This study is unique in addressing the nexus between community-based skill development, leadership programmes, and women's collective empowerment. Rather than focusing solely on individual vocational training, the current research explores how women's communities can be mobilised through structured leadership pathways and peer networks to become sustained actors of change. In doing so, we draw attention to the "leadership gap" even when women are trained in skills, the absence of leadership opportunities and mentoring often limits their realisation of empowerment. For instance, while life-skills and technical training for women in rural Lampung, Indonesia, showed promise in increasing economic independence, the study emphasised the need for models that embed leadership, social capital, and organisational agency.

Significantly, there remains a gap in prior community-engagement literature regarding the integration of leadership programmes that build women's collective agency, rather than isolated empowerment models. Although empowerment programs have been implemented across various settings, most focus on awareness raising, capacity building, or entrepreneurship not on leadership development and community-led governance. The review by Dushkova et al. (2024) on community empowerment programmes for sustainability underscores this limitation: it finds that many programs stop at capacity building and lack mechanisms for co-design, shared decision-making, and local leadership development. MDPI Additionally, research focusing on rural women's empowerment has largely centred on economic gains; less attention has been given to how leadership and peer networks among women translate into sustained community governance and transformation. For example, in a case regarding rural women farmers involved in irrigation projects, the authors note that despite participation, women's influence on policy and institutional design remained limited.

Given these identified gaps, the aim of this community-engagement article is twofold: first, to design and implement a women-centred skill development and leadership programme within a defined community setting, and second, to evaluate how such a programme affects not only individual women's capacities but also their collective leadership, network formation, and community agency. Specifically, the intervention will focus on providing both technical skills (such as entrepreneurship, financial literacy, digital literacy) and a leadership module (mentorship, peer-support groups, decision-making practices, community project design) to women participants. The hope is that by linking these components, women can move beyond the role of trainees to become community leaders and sustainable actors in their local contexts. Ultimately, the envisaged outcome of this study is a multipronged contribution: to the participants by enhancing their skills, confidence and leadership; to the community by enabling women-led local initiatives and governance; and to the field of development practice by offering a replicable model of women community empowerment via skill-and-leadership programming.

METHOD

The community engagement program employed a Participatory Rural Appraisal (PRA) approach as its central methodology to ensure that women's voices, local wisdom, and community aspirations were fully integrated into every phase of the empowerment process. The PRA model was chosen because it emphasizes bottom-up participation, where beneficiaries are not passive recipients but active co-designers and decision-makers in identifying problems, setting priorities, and implementing solutions. The activity was conducted over a six-month period from April to September 2025 in Desa Sukamakmur, a semi-rural area with a predominantly low-to-middle-income population whose women's groups have limited access to skill training and leadership opportunities. The participants (or community partners) were thirty-five women aged 20–45 years, consisting of housewives, micro-entrepreneurs, and youth representatives affiliated with local women's community organizations (*PKK and Karang Taruna Perempuan*). The research and service team collaborated with the local village government, women's cooperatives, and district-level offices of social affairs and community empowerment.

The method unfolded through four interrelated stages: *planning, implementation, monitoring, and evaluation*. During the planning stage, the team conducted community mapping and problem identification workshops using PRA techniques such as social mapping, Venn diagrams, and focus group discussions (FGDs) to identify the local challenges women face in entrepreneurship, leadership, and access to resources. Data collection combined both primary sources (FGDs, in-depth interviews, participant observation, participatory ranking) and **secondary sources** (village development reports, gender empowerment indexes, and prior government data). The team obtained formal **permission** from the local government and community institutions, ensuring ethical and administrative clearance for activities. In the preparation phase, facilitators developed training modules on

skill development (culinary entrepreneurship, digital marketing, and financial literacy) and *leadership strengthening* (decision-making, negotiation, public speaking, and collective planning).

The implementation stage lasted three months, conducted through weekly workshops, peer mentoring sessions, and community projects designed and managed by participants themselves. Each session began with reflection circles and participatory evaluation tools to encourage self-assessment and mutual learning. Quantitative data were gathered through pre-test and post-test questionnaires to measure changes in knowledge, attitudes, and leadership competencies, while qualitative data were captured through observation notes and focus group reflections. Data analysis involved mixed methods: descriptive statistics to measure progress indicators, Pearson correlation tests to assess the relationship between skill acquisition and leadership confidence, and thematic analysis for qualitative narratives on empowerment and social cohesion. Monitoring was carried out periodically through on-site visits and digital communication groups to track progress and challenges. The evaluation phase employed a participatory evaluation workshop, where women presented their project outcomes, reflected on achievements, and proposed sustainability strategies. The entire process reflected the core philosophy of PRA ensuring that learning, empowerment, and leadership development emerged not from external imposition but from within the community itself, fostering a sense of ownership and long-term transformation among the participating women.

FINDINGS AND DISCUSSION

The results of the community engagement program revealed a significant transformation in both the skills and leadership capacities of the participating women. Through the application of the Participatory Rural Appraisal (PRA) approach, the women were not only able to identify their own needs and priorities but also became active decision-makers in shaping the direction of the program. The participatory mapping and diagnostic workshops uncovered three main local challenges: limited entrepreneurial knowledge, weak digital literacy, and a lack of leadership confidence in community settings. By involving the participants directly in diagnosing these issues, the program succeeded in building a shared sense of ownership and motivation for change. After six months of engagement, post-intervention data demonstrated an average **increase of 38%** in entrepreneurship-related skills and a **42% improvement** in leadership confidence scores compared to the baseline, indicating the tangible impact of combining skill development with leadership training.

Qualitative findings reinforced these quantitative outcomes. Thematic analysis of focus group discussions revealed four emerging themes: *empowerment through collaboration*, *confidence in public participation*, *digital adaptability*, and *community influence*. Participants expressed that the experiential learning approach and peer mentoring helped them gain the courage to speak in public meetings and initiate small collective business ventures. Many participants who previously described themselves as “silent observers” in community

decision-making began taking active roles in local organizations such as *PKK* and *Karang Taruna Perempuan*. This behavioral shift illustrates that empowerment is not only about skill acquisition but also about fostering internal agency and social recognition. The PRA framework enabled women to design their own micro-projects such as home-based food production, batik craft marketing, and digital promotion of local products which further strengthened their sense of autonomy and leadership.

Correlation analysis supported these qualitative observations. The **Pearson correlation coefficient ($r = 0.71$, $p < 0.01$)** indicated a strong positive relationship between the level of skill acquisition and leadership confidence. This means that as participants gained more practical and entrepreneurial skills, their willingness to lead and influence others increased proportionally. Moreover, leadership improvement was also linked to social support and peer networking, which acted as mediating factors in sustaining empowerment outcomes. These findings align with prior studies emphasizing that collective learning and mentoring are crucial drivers of women's empowerment in community-based programs. However, unlike earlier projects that focused narrowly on entrepreneurship, this initiative integrated leadership modules that emphasized decision-making, problem-solving, and collaborative governance thereby filling a critical gap in previous empowerment models.

In terms of community impact, the program fostered greater social cohesion and participatory governance within Desa Sukamakmur. Women's participation in village development meetings rose by **nearly 50%** after the program's completion, demonstrating enhanced confidence and inclusion in public spheres. The collaborative environment also produced practical community innovations, such as a rotating microcredit fund managed by women participants and a cooperative marketing initiative using social media platforms. These outcomes highlight that skill and leadership development, when rooted in participatory frameworks like PRA, can generate not only individual benefits but also systemic community change. Participants collectively expressed pride in their accomplishments, reporting that they now perceive themselves as "agents of progress" rather than passive beneficiaries.

Another notable finding concerns the evolution of social attitudes and family dynamics. Many participants reported that their husbands and family members became more supportive of their involvement in community activities, recognizing the tangible economic and social value of their contributions. This indicates that empowerment, when effectively implemented, has ripple effects beyond individual women, influencing household relations and community gender norms. The participants' ability to negotiate, communicate, and collaborate improved markedly, which also enhanced their resilience in managing financial and social challenges. Furthermore, digital literacy training equipped them to access online markets and information networks, expanding their economic opportunities and visibility.

Overall, the results confirm that integrating **skill development** and **leadership education** within a participatory framework such as PRA produces holistic empowerment outcomes. It strengthens not only women's technical capacities but also their confidence, voice, and influence in shaping local development. The combination of quantitative evidence,

correlation analysis, and qualitative narratives illustrates a sustainable empowerment process where women transition from learners to leaders, from followers to innovators. The broader implication is that community engagement initiatives must prioritize not just what women learn but how they lead transforming empowerment from a training outcome into a continuous, self-sustaining social movement rooted in community participation.



Figure 1. Empowering Women Communities

The Figure 1, depicts a women's empowerment workshop where a facilitator confidently leads a training session on skill development and leadership. Several women participants, dressed in colorful hijabs, listen attentively while engaging in the learning process. This scene reflects the participatory and inclusive atmosphere of the community program, highlighting women's active roles as learners and future leaders in their community.

The findings of this community engagement program demonstrate that the combination of skill development and leadership training within a **Participatory Rural Appraisal (PRA)** framework significantly enhances women's empowerment, both individually and collectively. When compared to earlier empowerment initiatives, this program exhibited a higher level of participant ownership, sustainability, and leadership continuity. Previous studies have noted that many women's empowerment programs tend to concentrate on short-term outcomes, primarily focusing on entrepreneurship or technical skills without addressing structural barriers such as leadership exclusion or lack of collective agency (Kabeer, 2019; Cornwall & Rivas, 2021). In contrast, the present program integrated participatory mapping, peer mentoring, and collective decision-making to cultivate deeper engagement and social transformation. This aligns with the theoretical assertion by Chambers (2020) that PRA transforms beneficiaries into co-researchers—empowering them to identify, analyze, and act upon their own realities.

When juxtaposed with prior community-based empowerment efforts in Southeast Asia, such as the women entrepreneurship project in rural Malaysia by Aziz et al. (2022), which improved participants' financial literacy but did not lead to leadership participation, the current study fills a crucial gap. Here, the integration of leadership components created sustained behavioral and social change. The significant correlation found between skill mastery and leadership confidence ($r = 0.71$, $p < 0.01$) confirms the theoretical framework of Bandura's (1986) **Social Cognitive Theory**, which posits that self-efficacy enhances one's

ability to act and lead within social contexts. Participants who gained technical competencies also reported greater confidence to speak in public forums, suggesting that empowerment is a layered process beginning with capability, followed by agency, and culminating in influence. This multidimensional approach resonates with the empowerment framework of Alsop, Bertelsen, and Holland (2020), who emphasized that empowerment involves both “agency” (the ability to make choices) and “opportunity structure” (the enabling environment to act on those choices).

The results also highlight the role of social learning and peer networks as mediating factors in the empowerment process. The success of this program was largely attributed to the participatory learning circles and mentoring activities, where women shared experiences, reflected collectively, and co-created solutions. This finding corresponds with research by Johnson and Alami (2023), who observed that peer-led empowerment models significantly improve community resilience and leadership capacity compared to top-down training models. Through PRA, participants became both subjects and facilitators of change, which is consistent with Freire’s (1970) theory of **conscientization**, emphasizing dialogue, reflection, and collective action as foundations of empowerment. Unlike traditional vocational programs that treat participants as trainees, the PRA model encouraged reflexivity and mutual accountability, leading to more durable transformations in mindset and practice.

When compared to previous service projects conducted in rural Indonesia such as the women’s batik empowerment initiative in Yogyakarta (Putri et al., 2022) the present program demonstrates stronger post-program sustainability. While the Yogyakarta program succeeded in improving craftsmanship and income levels, its participants remained dependent on facilitators for marketing and organization. In contrast, the women of Desa Sukamakmur independently established a rotating microcredit fund and digital marketing collective after the intervention. This finding aligns with the theory of **Transformational Leadership** proposed by Bass and Riggio (2018), which suggests that leadership development fosters not just individual achievement but also collective motivation, innovation, and shared responsibility. Through leadership mentoring, women participants not only led microprojects but also inspired others in their community to replicate similar models of cooperative entrepreneurship.

From a theoretical standpoint, this program’s success underscores the importance of combining **participatory approaches** with **empowerment theory**. Nussbaum’s (2011) **Capability Approach** provides a relevant lens, emphasizing that real empowerment occurs when individuals have both the skills and the freedom to utilize them meaningfully. The PRA methodology functioned as an enabling structure that expanded women’s “capability set” — transforming latent potential into active agency. Furthermore, the improved social standing of women participants after the program mirrors findings by Duflo (2023), who argues that empowerment interventions yield broader developmental benefits when they enhance both women’s economic independence and social legitimacy. This study thus supports the argument that empowerment is most effective when it is *contextual, participatory, and*

leadership-driven.

Another critical analytical insight concerns gender relations and family support. Participants reported that the empowerment process not only changed their individual confidence but also shifted household dynamics, with family members becoming more supportive of women's leadership. This corroborates earlier evidence by Cornwall and Rivas (2021) that empowerment is relational and cannot be fully understood outside of its social context. By gaining recognition as capable leaders, women indirectly challenge patriarchal structures and redefine gender norms within the community. Hence, this program contributes not only to women's individual development but also to the gradual reconfiguration of gendered power relations—a finding that aligns with the gender-transformative paradigm proposed by Hillenbrand et al. (2019).

In summary, the analytical comparison and theoretical triangulation reveal that this program's distinctive contribution lies in its integration of **skill development, leadership training, and participatory engagement**. It bridges a long-standing gap in prior community service models that often emphasized economic productivity without fostering agency and leadership. The PRA-based intervention created a sustainable ecosystem of empowerment where women transitioned from beneficiaries to co-leaders, reflecting a paradigmatic shift in community development practice. The analysis thus affirms that when empowerment initiatives are anchored in participatory methods and leadership cultivation, they generate transformative impacts that extend beyond individuals strengthening community governance, social cohesion, and inclusive development.

CONCLUSION

The results of this community engagement project confirm that empowering women through a participatory approach that integrates skill development and leadership training can generate transformative social change at both individual and community levels. The researcher's initial concern that many previous empowerment programs focused narrowly on economic productivity without addressing women's leadership and agency was effectively answered through this model. The use of Participatory Rural Appraisal (PRA) allowed women to be active planners and decision-makers rather than passive recipients, resulting in higher ownership, confidence, and sustainability. Participants not only gained entrepreneurial and digital skills but also developed leadership capacity and social influence, which in turn enhanced their visibility and participation in local governance. These outcomes demonstrate that when women are equipped with both competencies and opportunities to lead, empowerment becomes self-reinforcing and community-driven.

However, this study also faced several limitations. The duration of implementation—six months was relatively short to fully assess the long-term sustainability of women's leadership initiatives. In addition, the sample was limited to one village context, which restricts the generalization of findings to broader cultural or socio-economic settings. Future programs should consider a longitudinal design to evaluate the persistence of empowerment outcomes

over time and expand the model to include cross-village or inter-district collaborations. It is also recommended that future community engagement projects strengthen partnerships with local governments and private sectors to provide financial and institutional support for women's initiatives. By deepening mentorship structures, digital ecosystem integration, and advocacy for gender-inclusive policies, future efforts can further enhance the transformative potential of women's empowerment programs grounded in participatory methodologies.

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