

Revisiting Social Audit: A Conceptual Framework for Evaluating Agricultural Credit Cooperatives

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Abstract

Agricultural Credit Cooperatives (ACCs) play a crucial role in providing financial support to rural communities, particularly in regions like Ajmer, where agriculture remains a dominant livelihood. Social audit serves as an essential tool for evaluating the transparency, accountability, and governance of such cooperatives. However, existing social audit frameworks often lack specificity in assessing the unique functions of ACCs. This study revisits the social audit process and proposes a conceptual framework tailored to these cooperatives. The research highlights key performance indicators (KPIs), stakeholder engagement, and impact assessment metrics to enhance cooperative governance. It identifies transparency, financial inclusivity, and participatory mechanisms as essential components of an effective social audit framework. The study further discusses challenges such as resistance to transparency, lack of standardized procedures, and limited stakeholder awareness. A comparative analysis of international models, such as Bangladesh's Grameen Bank and Kenya's Cooperative Bank, offers insights into best practices. The study concludes that a revised social audit framework can improve the efficiency and sustainability of ACCs. It recommends policy interventions, including mandatory social audits and stakeholder training, to strengthen cooperative governance. Future research should focus on empirical validation to assess the effectiveness of the proposed framework in real-world scenarios.

Keywords: Social Audit, Agricultural Credit Cooperatives, Accountability, Financial Inclusion, Rural Development

Introduction

Background of the Study

Agricultural Credit Cooperatives (ACCs) play a vital role in rural financial inclusion, offering small farmers access to credit, financial literacy, and essential resources. In India, particularly in regions like Ajmer, where agriculture is a primary occupation, ACCs contribute significantly to economic stability by supporting farmers and rural entrepreneurs. However, despite their importance, many ACCs face governance challenges, inefficiencies, and a lack of transparency, which impact their overall effectiveness.

Social audit serves as a critical tool in assessing the ethical, social, and governance aspects of organizations, ensuring that they operate with integrity and accountability. While widely implemented in various sectors, existing social audit frameworks often fail to address the specific needs and challenges of ACCs. The absence of sector-specific performance indicators, participatory mechanisms, and clear evaluation metrics limits the effectiveness of social audits in these cooperatives.

A revised conceptual framework for social auditing in ACCs can enhance transparency, improve financial governance, and ensure equitable credit distribution. By incorporating key performance indicators (KPIs) such as financial inclusivity, governance standards, and community development impact, social audits can be more effective. Additionally, involving stakeholders, including farmers and policymakers, in the audit process can further strengthen cooperative governance.

Addressing the gaps in the current system, this study proposes a framework that emphasizes accountability, participatory evaluation, and sustainable financial practices for ACCs. Strengthening social audit mechanisms can lead to better management, enhanced trust among cooperative members, and improved financial sustainability. As agricultural cooperatives continue to be a cornerstone of rural economies, an efficient and transparent social audit framework is essential for their long-term success. Future research should explore the empirical validation of this framework to assess its real-world applicability and effectiveness in improving ACC performance.

Need for Revisiting Social Audit

Traditional social audit frameworks primarily emphasize compliance and accountability but often lack sector-specific indicators to assess the unique challenges and impact of Agricultural Credit Cooperatives (ACCs). Given the critical role of ACCs in rural financial inclusion and economic development, a revised social audit framework is essential to evaluate their effectiveness in credit distribution, governance, and sustainability.

Current social audit mechanisms do not sufficiently address factors such as financial accessibility, transparency in loan allocation, and the socio-economic impact of ACCs on rural communities. Without customized evaluation criteria, cooperatives may fail to meet the financial needs of small farmers efficiently, leading to issues such as mismanagement, lack of trust, and reduced member participation.

A revised social audit approach should incorporate key performance indicators (KPIs) that focus on financial inclusivity, governance efficiency, community engagement, and sustainable credit practices. It should also ensure greater stakeholder participation, including cooperative members, policymakers, and financial regulators, to enhance accountability and transparency.

By revisiting and refining social audit practices, ACCs can strengthen their governance, build trust among members, and improve overall financial sustainability. A well-structured social audit framework will contribute to the long-term success of ACCs in fostering rural economic growth and financial empowerment.

Significance of Agricultural Credit Cooperatives

Agricultural Credit Cooperatives (ACCs) play a crucial role in promoting financial inclusion and economic stability, particularly for marginalized farming communities. By providing accessible and affordable credit, ACCs help small and medium-scale farmers invest in better agricultural inputs, improve productivity, and sustain their livelihoods. Beyond credit disbursement, these cooperatives also contribute to capacity-building, community development, and social responsibility, making them essential institutions in rural economies.

ACCs support rural farmers by offering training programs, financial literacy initiatives, and collective bargaining opportunities, which empower them to make informed economic decisions. Additionally, they promote self-sufficiency by reducing dependence on informal moneylenders who often charge exorbitant interest rates. Their participatory nature encourages cooperative governance, ensuring that members have a voice in decision-making processes.

However, to maximize their impact, a strong social audit framework is needed to assess their performance in credit distribution, governance, transparency, and sustainability. Social audits help in identifying inefficiencies, preventing financial mismanagement, and improving accountability within these cooperatives. By implementing an effective social audit mechanism, ACCs can enhance trust among members, improve operational efficiency, and contribute to long-term rural economic growth. Strengthening their governance through structured auditing will further solidify their role in promoting sustainable and inclusive financial practices.

Research Objectives

- To examine the existing social audit mechanisms in Agricultural Credit Cooperatives.
- To develop a conceptual framework for social audit in ACCs.
- To identify key performance indicators (KPIs) for assessing social impact.
- To explore stakeholder involvement in social auditing.
- To propose recommendations for policy improvements.

Research Questions

- How effective are current social audit practices in ACCs?
- What are the limitations of existing frameworks?
- What key metrics should be included in a revised social audit model?
- How can stakeholders enhance the social audit process?

Scope and Limitations of the Study

- Conceptual Focus – This study is purely conceptual and does not involve empirical data collection or statistical analysis.
- Study Region: Ajmer, India – The research specifically examines Agricultural Credit Cooperatives in the Ajmer region, providing a localized theoretical perspective.

- Theoretical Analysis – The study relies on existing theories, models, and frameworks related to social auditing and cooperative governance.
- Literature Review-Based Approach – Insights are drawn from previous research, policy documents, and scholarly discussions on social audit practices and agricultural credit cooperatives.
- Policy Evaluation – The research assesses existing social audit frameworks, identifies gaps, and proposes a revised model tailored to the needs of Agricultural Credit Cooperatives.

Literature Review

Concept and Evolution of Social Audit

Social audit has evolved as a key mechanism for ensuring transparency and accountability across various sectors. Originally introduced in the corporate sector as a means of evaluating businesses' social and ethical responsibilities (Gray, Owen, & Adams, 1996), it has since expanded into public services, non-profits, and cooperatives (Dey, 2007). The process involves assessing an organization's impact on stakeholders, ensuring that its activities align with broader social and ethical expectations (Unerman, Bebbington, & O'Dwyer, 2018).

In the context of cooperatives, social audit serves as an important governance tool, ensuring member participation and responsible financial management (Paton, 2003). In India, social audit gained prominence through initiatives like the Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA), where it was institutionalized to monitor rural development programs (Pande, 2017). However, its application in Agricultural Credit Cooperatives (ACCs) remains underexplored, necessitating a framework tailored to their specific challenges.

Theoretical Framework of Social Auditing

Social audit is built on several theoretical foundations, each emphasizing different aspects of transparency, accountability, and participatory evaluation. Stakeholder Theory (Freeman, 1984) argues that organizations must balance the interests of multiple stakeholders, including employees, customers, and the community, making it a relevant framework for social audits in cooperatives (Donaldson & Preston, 1995).

Institutional Theory (DiMaggio & Powell, 1983) explains how regulatory, normative, and cultural factors shape organizational practices, including social audit adoption. In the case of ACCs, institutional pressures from government policies and cooperative principles influence social auditing mechanisms (Scott, 2001).

The Corporate Social Responsibility (CSR) Framework (Carroll, 1991) also provides insights into social auditing by emphasizing ethical, legal, economic, and philanthropic responsibilities. Although CSR is often associated with corporate entities, its principles apply to cooperatives, as they operate based on mutual benefit and social welfare (Matten & Moon, 2008).

Agricultural Credit Cooperatives: Role and Importance

Agricultural Credit Cooperatives (ACCs) have long been recognized as essential financial institutions supporting rural economies. They provide affordable credit, financial literacy, and risk mitigation, particularly in regions where formal banking systems have limited reach (Birchall, 2004). In India, ACCs play a critical role in financial inclusion by offering small-scale farmers access to credit at lower interest rates, reducing their dependency on informal moneylenders (Sharma & Zeller, 1997).

In semi-arid regions like Ajmer, where agricultural productivity is highly dependent on credit availability, ACCs serve as lifelines for small and marginal farmers (Basu & Srivastava, 2005). Studies have shown that cooperative credit institutions contribute to rural development, poverty alleviation, and self-sufficiency (Nair, 2010). However,

governance issues such as mismanagement, lack of financial transparency, and political interference remain major concerns (Das, Senapati, & John, 2009). This underscores the need for effective social audit frameworks to improve the efficiency and sustainability of ACCs.

Previous Studies on Social Audit in Cooperatives

Research on social audits in cooperatives has primarily focused on governance, financial transparency, and member participation. Studies by Ebrahim (2003) and O'Dwyer (2005) have emphasized that social audits enhance accountability and trust, particularly in organizations reliant on collective ownership and participatory governance.

In the Indian context, several studies have highlighted the role of social audits in monitoring rural development programs, microfinance institutions, and self-help groups (SHGs) (Kumar, 2013). However, research specifically examining social audits in ACCs remains scarce (Bhatia & Batra, 2018). While cooperatives, in general, benefit from social audits, existing models do not fully account for financial complexities, loan disbursement practices, and member equity concerns within ACCs (Ghosh & Ray, 2020).

Given these gaps, there is a pressing need to develop a social audit framework tailored specifically for ACCs, incorporating sector-specific Key Performance Indicators (KPIs) such as financial accessibility, participatory governance, and credit sustainability. By addressing these challenges, social audit can serve as an effective governance tool, ensuring that ACCs fulfill their mission of supporting small and marginalized farmers (Jha & Agrawal, 2021).

Gaps in Existing Literature

- Lack of sector-specific social audit models.
- Insufficient research on cooperative governance in rural credit institutions.
- Minimal stakeholder-centric social audit frameworks.

Research Methodology

Research Design

This study adopts a conceptual research approach, utilizing qualitative content analysis, literature review, and theoretical modeling to develop a revised social audit framework for Agricultural Credit Cooperatives (ACCs). By analyzing existing frameworks, policies, and theoretical perspectives, the study aims to propose a structured, sector-specific model for social audit implementation.

Ethical Considerations

The research follows ethical academic practices, ensuring credibility, integrity, and responsible citation of secondary sources. All referenced literature is appropriately acknowledged, and no empirical data is collected, eliminating concerns regarding privacy, consent, or data misrepresentation. The study maintains objectivity and scholarly rigor throughout the analysis.

Conceptual Framework for Social Audit

Defining the Framework: Principles and Components

A revised social audit framework for Agricultural Credit Cooperatives (ACCs) must be designed to address their unique financial, social, and governance challenges. This framework should be comprehensive, participatory, and sector-specific, ensuring that ACCs operate with integrity and efficiency.

The core principles of this framework include:

1. **Transparency** – Ensuring open disclosure of financial transactions, loan distribution mechanisms, and cooperative governance practices to build trust among members.
2. **Accountability** – Holding management and stakeholders responsible for ethical financial practices and the effective allocation of resources.
3. **Participation** – Encouraging active involvement of cooperative members, ensuring democratic decision-making and representation in financial policies.
4. **Sustainability** – Incorporating long-term strategies for financial viability, social impact, and environmental responsibility.

These principles should be integrated into a multi-dimensional framework that evaluates financial transparency, governance efficiency, and social responsibility. Additionally, a structured audit mechanism must be established, incorporating periodic reviews, independent evaluations, and feedback from stakeholders.

By adopting this revised framework, ACCs can improve operational efficiency, strengthen governance, and enhance their role in rural financial inclusion. This approach ensures that cooperatives remain accountable, socially responsible, and economically sustainable in the long run.

Key Performance Indicators (KPIs) for Social Audit in Cooperatives

- Financial Inclusion Index
- Equitable Credit Distribution
- Community Development Impact
- Governance and Ethical Compliance

Stakeholder Involvement and Participatory Mechanisms

Stakeholder involvement is essential for an effective social audit framework in Agricultural Credit Cooperatives (ACCs). Key stakeholders—farmers, policymakers, cooperative members, auditors, and financial institutions—must actively participate to ensure transparency, accountability, and inclusivity.

Participatory mechanisms such as public disclosures, stakeholder meetings, feedback sessions, and grievance redressal forums foster engagement and trust. By integrating bottom-up decision-making, cooperatives can ensure that social audits reflect real concerns and drive meaningful improvements. A well-structured participatory audit process empowers members, strengthens governance, and enhances financial sustainability, ultimately making ACCs more efficient, equitable, and socially responsible.

Impact Assessment Metrics

- Economic Empowerment Metrics
- Social Inclusion Indicators
- Sustainable Financial Practices

Challenges in Implementing the Social Audit Framework

Despite its benefits, implementing a social audit framework in Agricultural Credit Cooperatives (ACCs) faces several challenges, including resistance to transparency, lack of standardized procedures, and limited stakeholder awareness.

1. **Resistance to Transparency** – Many cooperatives may resist social audits due to concerns over financial scrutiny, mismanagement exposure, or bureaucratic challenges. Fear of accountability can lead to reluctance in fully disclosing financial and governance data, hindering audit effectiveness.
2. **Lack of Standardized Audit Procedures** – Unlike financial audits, social audits lack uniform guidelines and standardized methodologies, leading to inconsistencies in evaluation. Without clear benchmarks, assessing cooperative performance in social, ethical, and financial dimensions becomes complex, reducing the credibility of audit outcomes.
3. **Limited Stakeholder Awareness** – Farmers and cooperative members, the primary beneficiaries, often lack awareness and technical knowledge about social audits. Limited training and engagement result in low participation, reducing the impact of social audits on governance improvements.

Addressing these challenges requires policy intervention, training programs, and institutional support to promote transparency, develop standardized procedures, and enhance stakeholder engagement. A strong regulatory framework and capacity-building initiatives can facilitate effective social audit implementation, ensuring accountability and sustainability in ACCs.

Evaluating Agricultural Credit Cooperatives

Overview of Agricultural Credit Cooperatives in India

Agricultural Credit Cooperatives (ACCs) play a crucial role in providing financial assistance, credit accessibility, and economic stability to rural farmers in India. They function under a three-tier cooperative credit system consisting of:

1. Primary Agricultural Credit Societies (PACS) at the village level
2. District Central Cooperative Banks (DCCBs) at the district level
3. State Cooperative Banks (SCBs) at the state level

Among these, PACS serve as the foundation of rural credit systems, directly engaging with farmers to distribute loans, support agricultural activities, and promote rural financial inclusion. In regions like Ajmer, where agriculture is a dominant occupation, ACCs help reduce dependence on informal moneylenders and improve access to institutional credit. However, governance challenges, financial mismanagement, and lack of accountability hinder their efficiency, necessitating a structured social audit framework for their evaluation.

Application of Social Audit Framework

A revised social audit framework can effectively assess financial sustainability, governance efficiency, and social responsibility within ACCs. Key areas of evaluation include:

- Financial sustainability – Examining revenue generation, loan recovery rates, and capital adequacy
- Governance efficiency – Analyzing leadership accountability, transparency in decision-making, and compliance with regulations
- Social responsibility – Assessing community impact, farmer welfare initiatives, and equitable loan distribution

By implementing this structured evaluation system, ACCs can improve operational efficiency, enhance member participation, and ensure ethical financial practices. A participatory audit process, involving stakeholders such as farmers, cooperative members, and independent auditors, can further strengthen accountability and trust.

Case Studies

Analyzing successful implementations of social audits in ACCs provides valuable insights into best practices. Notable case studies include:

1. Maharashtra's Model PACS – PACS in Maharashtra adopted a digitized audit system, enabling real-time financial tracking, reducing fraud, and improving transparency.
2. Tamil Nadu's Cooperative Development Program – This initiative integrated stakeholder consultations and annual social audits, fostering community engagement and participatory governance.
3. Karnataka's Rural Credit Cooperatives – A structured grievance redressal mechanism was introduced to ensure farmer voices were included in financial decision-making.

These cases illustrate that technology adoption, participatory governance, and stakeholder involvement are crucial for effective social audit implementation in ACCs.

Best Practices

To enhance accountability and efficiency, key best practices include:

1. Transparency in Credit Allocation – Publishing loan distribution reports and beneficiary details to prevent biases.
2. Digital Record-Keeping for Accountability – Implementing blockchain-based ledgers or cloud-based financial tracking systems.
3. Community-Led Audit Mechanisms – Engaging local farmer groups and cooperative members in audit processes to ensure democratic oversight.

Adopting these practices can strengthen governance and improve financial integrity in ACCs.

Comparative Analysis with International Models

Comparing ACCs with successful international cooperative models provides insights into global best practices:

1. Grameen Bank (Bangladesh) – Implements microfinance with social impact assessments, ensuring responsible lending.

2. Cooperative Bank of Kenya – Adopts a hybrid model combining digital financial services with cooperative governance, improving accessibility and efficiency.

By adopting digital innovations, participatory audits, and stakeholder-driven governance, Indian ACCs can significantly improve their social and financial impact, making them more sustainable and resilient.

Findings and Discussions

Key Insights from Data Analysis

The analysis of existing literature, theoretical models, and case studies suggests that a conceptual social audit model tailored to Agricultural Credit Cooperatives (ACCs) can significantly enhance governance, financial inclusion, and sustainability. Key findings include:

1. Enhanced Transparency – A structured social audit framework can ensure financial disclosures, ethical governance, and fraud prevention within ACCs.
2. Improved Stakeholder Engagement – Active participation from farmers, cooperative members, policymakers, and auditors leads to democratic decision-making and equitable credit distribution.
3. Strengthened Financial Inclusion – ACCs can better serve marginalized farmers by ensuring fair loan disbursement and reducing reliance on informal credit sources.
4. Sustainability and Long-Term Impact – A well-defined audit mechanism fosters financial discipline, accountability, and long-term growth of cooperatives.

These insights validate the necessity of a sector-specific social audit model to address the unique challenges and governance issues in ACCs, particularly in rural regions like Ajmer.

Interpretation of Results

The findings indicate that integrating Key Performance Indicators (KPIs) and participatory audit mechanisms can significantly improve the effectiveness of social audits. Key interpretations include:

- KPIs for Social Audit – Metrics such as loan recovery rates, governance efficiency, member participation, and socio-economic impact help in quantifying ACC performance.
- Participatory Mechanisms – Engaging farmers, cooperative members, and external auditors ensures that social audits reflect real community needs and concerns.
- Technological Integration – Digital tools like blockchain-based financial tracking, mobile applications for grievance redressal, and cloud-based audit systems enhance the accuracy and reliability of audits.

By aligning social audit frameworks with cooperative objectives, ACCs can improve their financial discipline, accountability, and impact on rural development.

Policy Implications

The findings underscore the need for policy-level interventions to institutionalize social audits within ACCs. Key recommendations include:

1. Mandatory Social Audits – Policymakers must enforce sector-specific social audit policies for cooperative institutions to enhance transparency and accountability.

2. Standardized Audit Guidelines – Establishing a national-level social audit framework for ACCs can provide consistent evaluation criteria across cooperatives.
3. Incentivizing Best Practices – Cooperatives implementing transparent governance and participatory audits should receive financial and regulatory benefits.
4. Capacity Building – Government and financial institutions should train cooperative members on social audit procedures, ensuring better stakeholder involvement.

These policy measures will strengthen governance structures, making ACCs more resilient, efficient, and financially sustainable.

Contributions to the Literature

This study bridges conceptual gaps in social audit frameworks for ACCs by:

1. Developing a sector-specific model – Unlike generic social audits, this research proposes a tailored framework for cooperative institutions.
2. Integrating participatory audit mechanisms – The study highlights stakeholder engagement as a key factor in audit effectiveness.
3. Comparing global best practices – Insights from Grameen Bank and the Cooperative Bank of Kenya provide valuable policy recommendations for improving ACCs.

By addressing governance inefficiencies and financial mismanagement, this study lays the foundation for future empirical research on social audits in ACCs.

Conclusion and Recommendations

Summary of Key Findings

This study emphasizes the significance of social audit as a governance tool for Agricultural Credit Cooperatives (ACCs). The key findings highlight:

- Social audit enhances transparency and efficiency – By integrating structured audit mechanisms, accountability measures, and participatory evaluations, cooperatives can improve governance and trust among stakeholders.
- A revised framework should focus on financial inclusivity, governance, and social responsibility – Existing social audit frameworks lack sector-specific indicators tailored for ACCs. The proposed framework ensures equitable credit distribution, financial discipline, and ethical decision-making.
- Stakeholder engagement is essential for effective social auditing – The study underscores the importance of involving farmers, policymakers, and financial institutions in audit processes to enhance credibility and operational efficiency.
- Comparative insights from international models – Learning from Grameen Bank (Bangladesh) and the Cooperative Bank of Kenya, Indian ACCs can adopt best practices in digital record-keeping, community-led audits, and policy-driven financial oversight.

These insights contribute to strengthening ACC governance and rural financial inclusion, ensuring their long-term sustainability and impact.

Policy and Managerial Recommendations

To ensure the effective implementation of social audits in ACCs, policymakers and cooperative managers should consider the following:

1. **Mandatory Social Audit for ACCs** – Regulatory bodies should introduce compulsory social audit mechanisms for all cooperative institutions, ensuring compliance with transparency and accountability norms.
2. **Standardized Audit Framework** – A national-level social audit model with defined Key Performance Indicators (KPIs) should be implemented across ACCs for consistent governance evaluation.
3. **Capacity-Building Initiatives for Stakeholders** – Training programs should be conducted for cooperative members, auditors, and farmers to enhance awareness, participation, and technical expertise in social auditing.
4. **Integration of Digital Tools** – Adoption of blockchain-based financial tracking, digital audit platforms, and automated grievance redressal systems can improve audit efficiency and accessibility.
5. **Incentivizing Best Practices** – Cooperatives that demonstrate high governance standards through social audit mechanisms should receive financial incentives, policy support, and preferential access to government subsidies.

Implementing these recommendations will help strengthen the credibility, financial integrity, and social impact of ACCs in India.

Future Research Directions

While this study presents a conceptual framework for social audits in ACCs, future research should focus on:

- **Empirical validation of the conceptual model** – Future studies should apply the proposed framework to real-world case studies in different regions, including Ajmer, to assess its practical effectiveness.
- **Comparative analysis across cooperative sectors** – Research should explore how social audits impact different types of cooperatives, such as dairy cooperatives, self-help groups, and microfinance institutions.
- **Technological innovations in social auditing** – Further studies can assess how digital technologies (AI, blockchain, and cloud-based audits) can enhance social audit implementation.

By addressing these research gaps, future studies can contribute to the continuous improvement and standardization of social audits in ACCs.

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