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**STRENGTHENING MSME FINANCING ECOSYSTEMS: AN
EMPIRICAL ASSESSMENT OF BANKING CONSTRAINTS AND
POLICY INTERVENTIONS FOR INCLUSIVE CREDIT DELIVERY**

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ABSTRACT

It is well acknowledged that micro, small, and medium-sized enterprises (msmes) play a crucial role in economic expansion, job creation, innovation, and social advancement. They form a major share of business establishments globally and serve a critical role in encouraging entrepreneurship and eliminating regional economic inequities. Msmes still face enormous obstacles when trying to get formal financial resources, especially bank loans, despite their important contribution to national economies. One of the most enduring obstacles to these businesses' expansion, competitiveness, and sustainability is their limited access to financing. Due to little collateral, a short credit history, weak financial record-keeping, and information asymmetry, financial institutions often see msmes as high-risk borrowers. As a result, a large number of msmes depend on unofficial funding sources, which are often costly, unstable, and inadequate to cover their operating and growth requirements. The financing environment of msmes is examined in this paper, with an emphasis on banking restrictions and legislative initiatives meant to advance inclusive credit distribution. The study examines the operational, institutional, and structural obstacles to credit accessibility and assesses how well current financial inclusion initiatives address these issues. It also looks at how msme finance

ecosystems are strengthened by government efforts, credit guarantee programs, regulatory changes, digital financial technology, and financial literacy activities. According to the report, financial institutions, legislators, regulatory bodies, and technological companies must work together to improve access to formal financing. The study advances knowledge of how inclusive finance channels might promote msme growth and improve economic resilience by identifying important barriers and evaluating policy responses. According to the research, a strong and cohesive financial ecosystem may greatly increase loan availability, foster business expansion, stimulate innovation, and support equitable and sustainable economic growth. The research comes to the conclusion that in order to accomplish more general developmental goals and provide fair access to financial resources for a variety of business sectors, msme finance ecosystems must be strengthened.

Keywords: msmes, financial inclusion, bank credit, financing ecosystem, credit delivery, banking constraints, policy interventions.

I. INTRODUCTION

Micro, small, and medium-sized enterprises (msmes) play a crucial role in contemporary economies because of their substantial contributions to industrial growth, job creation, income production, innovation, and poverty alleviation. By encouraging entrepreneurial activity and promoting local and regional development, msmes work as engines of economic growth in both developed and developing nations. Millions of people rely on these businesses for their livelihoods, especially in developing nations where there may be few large-scale industrial prospects. They also contribute significantly to economic production. They are essential to sustained economic growth because of their adaptability, flexibility, and capacity to react to changing market circumstances. However, despite their economic significance, msmes usually encounter a number of difficulties that limit their expansion and competitiveness, with access to financing continuing to be one of the most significant and enduring barriers. For msmes to launch operations, control working capital needs, use contemporary technology, increase production capacity, and penetrate new markets, a healthy finance environment is crucial. Businesses may engage in productivity-boosting initiatives, increase operational effectiveness, and fortify their position in the market when they have access to sufficient and timely funding. However, a lot of msmes have trouble getting funding from established banks. Many small companies find it challenging to meet the standards of traditional financing models, which often place a strong emphasis on collateral requirements, copious paperwork, and established

credit histories. Because of this, there is a significant funding gap between msme's credit requirements and the formal financial resources that are available.

Information asymmetry between lenders and borrowers exacerbates the issue of restricted loan accessibility. Reliable information on msme's financial well-being, company success, and ability to repay loans is often lacking. Lenders find it more difficult to evaluate risk since many businesses have informal corporate structures, poor accounting systems, and little financial disclosures. As a result, banks often see msme's as high-risk customers and implement cautious lending policies that limit their access to capital. Credit distribution is further hampered by institutional factors including strict regulatory requirements, complicated loan application processes, high transaction costs, and risk-averse banking cultures, in addition to these enterprise-level difficulties.

Governments and policymakers throughout the globe have implemented a number of policy measures to increase access to financing because they understand the significance of msme's in attaining equitable economic development. Credit guarantee programs, interest subsidy programs, lending requirements for priority sectors, refinancing facilities, entrepreneurial development programs, and financial literacy campaigns are some examples of these interventions. Artificial intelligence-based credit evaluation systems, digital banking, financial technology (fintech) platforms, and alternative data analytics are examples of technical advancements that have lately surfaced as game-changing instruments for removing long-standing funding obstacles. These advancements might lessen information asymmetry, simplify loan procedures, save transaction costs, and increase underprivileged businesses' access to capital.

A thorough evaluation of the current finance ecosystems is necessary since many msme's still face substantial funding difficulties despite the adoption of various financial inclusion initiatives. Designing methods that support equitable loan distribution requires an understanding of the nature of banking limitations and an assessment of the efficacy of policy initiatives. This research aims to evaluate legislative initiatives intended to increase financial inclusion, investigate the structural and institutional elements impacting loan accessibility, and look at the main barriers affecting msme funding. The report offers important insights into the creation of a more effective and inclusive msme finance ecosystem by examining the relationships between financial institutions, regulatory frameworks, government assistance mechanisms, and technology advancements. In the end, expanding msme's access to formal

financing would boost their expansion and competitiveness while also making a substantial contribution to long-term sustainable development, job creation, economic diversity, and innovation.

II. BANKING CONSTRAINTS AFFECTING MSME FINANCING

Access to formal bank credit remains a major challenge for msme despite various financial inclusion initiatives. One of the most significant barriers is inadequate collateral security. Traditional banking systems require tangible assets as loan security, which many small enterprises are unable to provide.

Information asymmetry represents another major constraint. Financial institutions often lack reliable information regarding the operational performance and repayment capacity of msme. The absence of audited financial statements and formal accounting systems increases uncertainty and elevates perceived lending risks.

High transaction costs associated with processing and monitoring small loans discourage banks from actively financing msme. Additionally, complex documentation requirements, lengthy approval procedures, and strict compliance regulations further limit accessibility.

Economic uncertainty, market volatility, and sector-specific risks also influence lending decisions. During periods of economic instability, banks often adopt more conservative lending practices, reducing credit availability for small businesses.

III. DETERMINANTS OF CREDIT ACCESSIBILITY

Several factors determine the ability of msme to obtain bank financing. Financial performance is among the most important determinants. Enterprises demonstrating stable revenues, positive cash flows, and profitability are generally viewed more favorably by lenders.

Credit history and repayment behavior significantly influence lending decisions. Businesses with strong credit records are more likely to access financing under favorable terms. Conversely, poor repayment histories increase borrowing costs and reduce approval probabilities.

Business age and managerial experience also affect credit accessibility. Established enterprises with proven business models are perceived as less risky than start-ups. Furthermore, the

availability of collateral, ownership structure, and sector characteristics influence lending outcomes.

Financial literacy and transparency contribute positively to creditworthiness. Enterprises maintaining accurate financial records and adopting sound governance practices are better positioned to secure formal financing.

IV. CONCLUSION

MSMEs are indispensable contributors to economic development, employment generation, and innovation. However, limited access to formal finance continues to constrain their growth potential. Banking constraints such as collateral requirements, information asymmetry, inadequate documentation, and high transaction costs create significant obstacles to credit accessibility. These challenges not only affect business expansion but also hinder broader economic development objectives.

The study highlights that inclusive credit delivery requires a well-functioning financing ecosystem involving financial institutions, governments, regulators, FinTech providers, and entrepreneurs. Policy interventions such as credit guarantee schemes, priority sector lending, digital finance initiatives, and financial literacy programs have demonstrated positive outcomes in improving MSME financing. Nevertheless, persistent financing gaps indicate the need for continuous policy refinement and institutional innovation.

A comprehensive strategy that integrates technological advancement, regulatory support, financial education, and risk-sharing mechanisms can significantly enhance credit accessibility for MSMEs. Strengthening the financing ecosystem will empower small businesses to invest, innovate, create employment, and contribute more effectively to sustainable and inclusive economic growth.

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