

THE EVOLUTION OF FINTECH: TRENDS, INNOVATION, AND FUTURE PERSPECTIVE IN MICRO ENTERPRISE INDUSTRY.

1. **Deepak Vinod Kesarwani**

(Research Scholar)

Motilal Nehru National Institute of Technology Allahabad

(*deepakkesarwani95@gmail.com*)

2. **Sandhya Rani**

(Research Scholar)

Motilal Nehru National Institute of Technology Allahabad

3. **Dr. Rajesh Kumar Shastri**

(Associate Professor)

Motilal Nehru National Institute of Technology Allahabad

Abstract: The research examines the evolution of financial technology (FinTech) and its transformative potential in the microenterprise sector, offering innovative solutions to improve financial access, reduce costs, and enhance transparency. Microenterprises, comprising over 99% of India's MSME sector and providing employment to nearly 97% of its workforce, are vital to the economy, faces significant challenges, such as limited access to formal financial services, poor digital literacy, and infrastructural constraints. The study aims to explore how FinTech, through innovative tools like microloans, digital payments, and cash flow management, can bridge these gaps, empowering microenterprises to overcome barriers and thrive. Key opportunities include promoting financial inclusion, enabling tailored financial solutions, expanding market reach, and fostering gender equity by supporting female entrepreneurs. The study highlights the need for enhanced digital infrastructure, simplified compliance, and targeted literacy programs to promote FinTech adoption. Based on extensive secondary data and literature, this research underscores FinTech's capacity to drive innovation, resilience, and equitable growth in the microenterprise ecosystem. It advocates for strategic collaboration between government, industries, and new age institutions to unlock FinTech's full potential, fostering economic stability and social inclusion across India. This integration promises not only to support India's broader developmental goals but also to revolutionize how microenterprises access and utilize financial resources.

Keywords: FinTech, Micro enterprises, Economy growth, Digital financial inclusion, Employment.

1.0 Introduction

The advancement of Information Technology (IT) has significantly contributed to rapid growth across various domains globally. However, the application of IT within the financial sector, commonly referred to as financial technology (FinTech), represents a relatively recent and transformative innovation (Gomber et al., 2018). FinTech is an emerging and dynamic field that is attracting considerable attention due to its potential to revolutionise the financial services. By improving access to financial information, reducing transaction costs, eliminating intermediaries,

and enhancing transparency, FinTech empowers individuals, businesses, and organizations to take greater control over their financial activities (Popescu, 2019).

The integration of technology into the financial sector has a long and distinguished history, driven by the inherent value of financial operations (Gomber et al., 2018). Throughout history, there has been a strong incentive to adopt the latest technological advancements, whether it was using the most precise scales to weigh gold coins or utilizing the fastest communication methods of the time, such as Reuters' telegraph system. Following its early adoption by the military, digital technology made significant inroads into the financial industry, with electronic computers becoming crucial tools. In the 1950s to 1970s (Cortada, 2005), early financial technology was primarily represented by mainframe computer systems in the back offices of major financial institutions, gradually extending to middle and front office operations. By the late 1960s and 1980s, digital technology companies such as Fidelity National Information Services (FIS) and Fiserv emerged, providing services to financial institutions, including core banking system solutions and payment networks like MasterCard and the Society for Worldwide Interbank Financial Telecommunication (SWIFT) (Arner et al., 2015).

The etymology of the term "FinTech" originates from the fusion of the words "finance" (referring to financial services) and "technology" (specifically information technology) (Gimpel et al., 2018). In its broadest sense, FinTech is defined by the integration of these two essential components, encompassing financial services or products that are developed through the application of highly disruptive and innovative technologies. This definition underscores the pivotal role of advanced technology in transforming traditional financial services by introducing novel, efficient, and cutting-edge solutions.

Leveraging these digital innovation in country such like India, where a significant portion of businesses are micro enterprises, technology can become powerful tool to bridge gaps in financial access and empower these small-scale businesses (Aker et al., 2021). Micro enterprises in India form the backbone of the country's economy, representing a staggering 99% of the total MSME sector with around 630.52 lakh estimated businesses. Predominantly informal and resource-constrained, these enterprises are essential to local economies and contribute significantly to employment generation, particularly in rural areas where opportunities are often limited. Around 51% of these micro enterprises are located in rural regions, while the remaining 49% operate in urban centers, indicating a near-equal distribution that bridges India's urban-rural economic divide. Further, With over 1,076 lakh individuals employed by micro enterprises alone, these businesses drive economic stability and local livelihoods across both rural and urban areas (Ministry of Micro, Small and Medium Enterprises, 2023). Despite their economic importance, micro enterprises face substantial challenges in accessing traditional financial services due to a lack of collateral, credit history, and formal banking relationships. This financial gap represents a crucial area where technology can make a transformative impact, offering digital solutions tailored to the unique needs of micro enterprises.

The integration of advanced information technologies, such as big data, cloud computing, and mobile technologies, within businesses is poised to significantly improve management efficiency, enhance service quality, and expand the financial services sector (Hu et al., 2019). This innovation, driven by technological disruption from non-financial enterprises, enables customers to access a

diverse range of mobile services through FinTech. These services include online payments, fund transfers, loan applications, insurance purchases, organizational asset management, stock investments, mobile payments, InsurTech, peer-to-peer (P2P) lending, crowdfunding, and cryptocurrency transactions (Ryu, 2018).

FinTech is anticipated to play an increasingly significant role alongside traditional banks, as businesses across generations become more technologically proficient and integrate FinTech into their daily operations (Nicoletti, 2017). This growing adoption is expected to be driven by strong network externalities, which will further reduce costs, mitigate risks and uncertainties, and contribute to enhanced financial stability, efficiency, security, reliability of payment systems, and transparency. These developments will offer substantial benefits to the business community. However, not all entities may benefit equally. Less disciplined business units may overspend and incur excessive borrowing, potentially triggering a debt crisis in credit markets if left unchecked. Therefore, government regulators must collaborate with FinTech companies to safeguard the stability and integrity of the financial system. Ultimately, the overarching goal is to address and alleviate the frictions that customers have traditionally encountered with conventional financial institutions. As India continues to embrace digitalization, FinTech adoption among micro enterprises stands to accelerate economic growth, foster innovation, and strengthen financial stability across diverse socio-economic and geographic segments, ultimately supporting India's broader development goals.

1.2 Objective

- To review the evolution of FinTech and its impact on micro enterprise operations and financial management.
- To identify the current trends and innovations in FinTech that transforming the micro enterprise landscape.
- To identify the opportunities and challenges in FinTech adoption in micro enterprises industry.

2.0 Literature review

- **Solarz, M. & Swacha-Lech, M. (2021):** Conducted study on Polish Millennials explores the demographic, economic, and behavioral determinants of FinTech adoption, using a comprehensive literature review. Data from 1,236 surveys analyzed with a logistic regression model, findings reveal that younger generations, particularly Millennials, are more inclined to adopt FinTech due to their technological proficiency and comfort with digital platforms. Economic considerations, such as cost-effectiveness and accessibility, are also significant factors in FinTech uptake, suggesting that financial affordability and ease of use make FinTech particularly appealing to younger and more tech-savvy individuals.
- **Ryu, H. S. (2018):** explore why people are inclined or unwilling to utilise financial technology (FinTech) and how perceived benefits and risks affect continuing intention. A study result highlights that convenience plays the most significant positive role in FinTech continuation, while legal risks pose the greatest obstacle. The convenience offered by FinTech, such as ease of access to online payments, fund transfers, and financial management tools, significantly

enhances user satisfaction. However, concerns about legal and regulatory risks can deter users, particularly small businesses that may be more vulnerable to financial instability or legal complications.

- **Ryu, H. S. (2018):** examined the role of expectancy confirmation and the theory of acceptance in the context of peer-to-peer (P2P) payment apps in India. A study expanded expectancy confirmation model found that perceived usefulness and satisfaction were strong predictors of continued use of FinTech P2P payment apps. Users who found these apps useful and were satisfied with their performance were more likely to maintain their usage, highlighting the importance of meeting or exceeding user expectations in FinTech services, as doing so fosters long-term retention. For small businesses, particularly in emerging markets, the continued use of P2P payment platforms can provide advantages such as improved payment flexibility and reduced transaction costs, contributing to overall business efficiency.
- **Pizzi et al., (2021):** examine and discuss the use of FinTech in helping SMEs implement circular economy (CE) case studies from various industries and organisations. The shift toward sustainable business models has become a priority for many SMEs as they seek to align with Industry 4.0 operating principles. FinTech companies have played a crucial role in facilitating this transition by offering services that support the adoption of sustainable practices. The study revealed that FinTech, influenced by Industry 4.0 technologies, enables SMEs to adopt sustainable business strategies by integrating CE principles into their operations. The ReSOLVE framework, which stands for Regenerate, Share, Optimize, Loop, Virtualize, and Exchange, was identified as a key conceptual foundation for promoting sustainable business models.
- **Festa et al., (2023):** intends to examine how FinTech factors like crowdfunding, mobile payments, and blockchain can support entrepreneurial decision-making in Tunisia, a developing country. The quantitative analysis demonstrated that knowledge, availability, and access to crowdfunding and blockchain positively influenced entrepreneurial intention. These findings suggest that crowdfunding and blockchain technologies empower entrepreneurs by providing alternative avenues for financing and secure transactions, especially in regions where traditional banking services are limited.
- **Kurniasari et al., (2023):** A cross-sectional quantitative study examined the relationship between financial and technological factors and SMEs' digital adoption. The study found that financial literacy significantly enhances SMEs' financial accessibility and reduces financial risk, thereby facilitating the adoption of FinTech solutions. Furthermore, factors such as performance expectancy, effort expectancy, and social influence were found to strongly influence SMEs' willingness to adopt digital technologies
- **Najib et al., (2021):** underscores the importance of FinTech in bridging the financing gap faced by small businesses. Often encounter significant challenges in obtaining traditional bank financing, which limits their growth potential and sustainability. The study employed an adapted Unified Theory of Acceptance and Use of Technology (UTAUT2) framework and used structural equation modeling (SEM) to analyze causal relationships. Key drivers

identified for FinTech adoption in the small food sector included knowledge of digital financial solutions, perceptions of security, performance expectations, social influence, supportive environmental factors, and price value. These factors collectively motivate small food businesses to integrate FinTech into their operations, improving their financial stability and operational flexibility.

- **Bittini et al., (2022):** study aims to examines the relationship between B2B/B2C business models and sustainability initiatives in Spanish FinTech, InsurTech, and PropTech. This study suggests that regulatory support and clear sustainability goals can encourage FinTech companies to prioritize sustainable operations, benefiting not only the companies themselves but also the small business clients they serve. In the context of Spanish FinTech, InsurTech, and PropTech firms, companies responsive to both local and European sustainability frameworks are more likely to embed sustainability practices into their business models.
- **Xia et al., (2023):** use trust, risk perception, platform governance, and information system continuous use theories to create a model that examines how users' trust perceptions on FinTech platforms impact their risk perception. Trust has been identified as a foundational factor influencing FinTech adoption among small businesses. Studies show that institutional, technological, and interpersonal trust play distinct roles in shaping users' perception of risk and governance, which are critical for long-term engagement with FinTech platforms. These trust dimensions collectively impact the perception of risk. For small businesses that often lack the resources to absorb financial losses, reducing perceived risk through trustworthy FinTech solutions is essential to drive adoption.

3.0 Scope and Methodology

This study examines the critical role of the microenterprise sector within the Indian economy, addressing the multifaceted challenges the industry faces, particularly in relation to the adoption of new age financial technology. It underscores current issues surrounding digital integration and financial accessibility, which are vital for the sustainable growth of microenterprises. The analysis also explores potential strategies to foster a supportive ecosystem for these enterprises, facilitating improved financial inclusion and technological advancement.

This research relies primarily on secondary data, compiled from an multiple authoritative sources, include the *Annual Report 2022-23* published by the Ministry of Micro, Small, and Medium Enterprises, the Boston Consulting Group's *Growing Inclusion in India: The FinTech Way* report (September 2023), and the Reserve Bank Innovation Hub's report on *Financial Services Innovation for Bharat* (September 2023). Additional data is sourced from the official MSME website, as well as from scholarly articles, and relevant news publications, all of which contribute to a comprehensive assessment of the microenterprise sector's current landscape and future potential in India.

4.0 Analysis

The Micro, Small, and Medium Enterprises (MSME) sector plays a vital role in the Indian economy, known for its vibrancy, dynamism, and substantial contributions across various dimensions of development. This sector is distinct for its low investment needs, operational flexibility, and ease of relocation, making it adaptable and accessible for many entrepreneurs. MSMEs significantly boost domestic production, drive innovation, and support GDP growth, while fostering balanced regional development, economic diversification, and private sector expansion. They enhance social stability, promote competitiveness, and encourage entrepreneurial skills across communities. Additionally, MSMEs are central to employment generation, especially in less-developed regions, due to their labor-intensive nature and minimal capital investment requirements.

Table 1: Classification of MSME

Classification	Investment on plant & machinery	Turnover
Micro	Less than 1 crore	5 crore
Small	Less than 10 crore	50 crore
Medium	Less than 50 crore	250 crore

Source: Ministry of micro small & medium enterprises (<https://msme.gov.in>)

Micro-enterprises, in particular, are crucial within the MSME ecosystem. As the smallest unit within the sector, they provide accessible income and employment opportunities, especially in rural and semi-urban areas, empowering marginalized communities. Micro-enterprises support the development of grassroots-level businesses and generate substantial local employment, contributing to poverty alleviation and the upliftment of underprivileged sections of society.

4.1 Significant of FinTech adoption into micro enterprise industry in India economy.

Table 2. Distribution of Enterprises on geographical basic

Sector	Micro	Small	Medium	Total
Rural	324.09	0.78	0.01	324.88
Urban	306.43	2.53	0.04	309.00
All	630.52	3.31	0.05	633.88

Source: Annual report 2022-23 msme

The micro enterprise segment, accounting for over 99% of all MSMEs with approximately 630.52 lakh enterprises, represents a crucial area for FinTech adoption in India. Given the massive scale and widespread rural presence of these micro enterprises—of which 324.88 lakh (51.25%) operate in rural areas and 306.43 lakh (48.75%) in urban areas—there exists a significant opportunity for financial technology to transform how these businesses operate and access financial services. FinTech solutions can offer tailored digital financial tools, such as microloans, payment processing, and cash flow management, which are particularly valuable for micro enterprises that may otherwise lack access to traditional banking services. Additionally, FinTech can help address the financial inclusion gap, especially in rural areas where traditional banking infrastructure is often limited. With small and medium enterprises only accounting for a minor portion of the MSME ecosystem (3.31 lakh small and 0.05 lakh medium enterprises), FinTech adoption among micro enterprises can drive substantial economic impact, helping these businesses scale, manage finances efficiently, and enhance competitiveness. By integrating digital finance solutions into the

day-to-day operations of micro enterprises, FinTech can play a transformative role in empowering millions of small-scale business owners, contributing to broader economic resilience and growth across both rural and urban areas in India.

The latest MSME report (2022-23) reveals a significant gender disparity in the ownership of micro enterprises, with male ownership overwhelmingly dominant across all types of MSMEs. Specifically, among micro enterprises, 79.56% are owned by men, while only 20.44% are owned by women. This pattern is consistent across small and medium enterprises, with male ownership reaching 94.74% and 97.33%, respectively. The gender disparity in ownership is evident in both rural and urban areas, though urban areas show a slightly higher male ownership rate (81.58%) compared to rural areas (77.76%). This male-dominated ownership landscape underscores a critical area where FinTech solutions can play a transformative role, especially for female entrepreneurs seeking to enter or expand in the micro enterprise sector. By providing digital finance solutions, such as easy access to credit, mobile banking, and financial management tools, FinTech can lower entry barriers and support the growth of female-owned micro enterprises. Enhanced access to digital financial services can empower female entrepreneurs by providing them with the necessary resources and support to overcome traditional financial obstacles, enabling them to compete in the market more effectively. Moreover, FinTech can drive greater inclusivity and economic participation among women, especially in rural areas where traditional banking services may be limited. This digital push not only has the potential to bridge the gender gap in ownership but also to promote financial independence and economic empowerment among women, fostering a more balanced and resilient micro enterprise ecosystem across India.

Table 3. Distribution of occupational structure by types of enterprises
(Numbers in lakh)

Sector	Micro	Small	Medium	Total
Rural	489.30	7.88	0.60	497.78
Urban	586.88	24.06	1.16	612.10
Total	1076.19	31.95	1.75	1109.89

Source: Annual report 2022-23 msme

Further, report highlights the significant role micro enterprises plays in employment generation in India. With an estimated 630.52 lakh micro enterprises, these businesses employ 1,076.19 lakh individuals, representing approximately 97% of the total employment within the MSME sector. The small and medium sectors contribute relatively minor shares, employing 31.95 lakh (2.88%) and 1.75 lakh (0.16%) individuals, respectively. This employment is fairly balanced between rural and urban areas, with 45% of jobs (497.78 lakh) in rural areas and 55% (612.10 lakh) in urban areas. The concentration of employment within micro enterprises emphasizes the importance of supporting these businesses, especially through financial technology (FinTech) solutions that can boost their productivity and growth potential. FinTech can play a transformative role by offering digital financial services that simplify payments, provide microloans, and improve financial management for micro enterprises, many of which lack access to formal financial services. By addressing financial barriers, FinTech can enable these enterprises to expand their operations, increase employment opportunities, and contribute to regional economic growth. Furthermore, FinTech solutions can be especially beneficial in rural areas, where traditional banking access is limited, thus enhancing financial inclusion and enabling rural micro enterprises to access the

capital and resources needed to thrive. In this way, FinTech adoption among micro enterprises not only supports job creation but also strengthens economic resilience, particularly in underbanked and underserved regions, making it a crucial element in the future growth and stability of India.

4.2 Opportunities for micro enterprise in fintech adoption.

- Enhanced financial inclusion and access to micro enterprises. These enterprises often struggle with limited access to formal banking due to geographical and infrastructural constraints. Fintech solutions provide digital platforms that bring banking and financial services directly to business owners, bypassing the need for physical bank branches and help to bridge the financial inclusion gap, empowering micro enterprises to thrive even in most remote locations.
- Fintech offers tailored financial product and services that accommodate the unique needs of micro enterprises. Specialized products such as microloans, buy-now-pay-later schemes, and low-cost insurance options helps micro-enterprises manage their finances better, reduce dependency on informal lending sources, and increase their creditworthiness in the formal sector.
- Fintech has a role in promoting digital literacy, especially through local ambassadors and gamified education tools. By improving knowledge of digital tools, micro-entrepreneurs are more likely to engage with financial products and services that can help grow their businesses.
- fintech companies enable micro-enterprises to expand their market reach beyond the local boundaries. Platforms likes e-commerce, digital payments, and social commerce facilitate these businesses to sell products and services to a broader customer base. With digital access to markets, micro-enterprises can scale up operations without the need for significant capital investment.
- Many fintech platforms offer data analytics tools that allow micro-entrepreneurs to gain insights into customer behavior, sales trends, and cash flow management. These insights enable data-driven decision-making, helping businesses optimize inventory, enhance customer experiences, and make informed financial decisions.
- Fintech payments services facilitate seamless payments and transactions, which is critical for micro enterprises that rely on cash flows to operate daily. Solutions like mobile banking, QR-based payments, and UPI integration enable micro-entrepreneurs to manage transactions digitally, reducing dependency on cash and promoting transparency.

4.3 Challenges face by micro enterprises in fintech adoption.

- Despite significant advancements, a lack of digital literacy among rural entrepreneurs remains a major barrier. Many micro-enterprise owners are not familiar with mobile banking, digital payments, or online loan applications, making them hesitant to adopt fintech solutions. Moreover, poor digital infrastructure, such as limited internet connectivity, particularly affects the adoption rates in rural and semi-urban areas.

- Many micro-enterprises prefer traditional cash transactions and face-to-face interactions due to a lack of trust in digital systems. The trust in personal relationships with local lenders often outweighs the benefits of fintech products. Building trust through awareness programs, involving local influencers, and maintaining transparency in digital platforms are essential to overcoming this challenge.
- The regulatory environment for fintech companies in India is evolving, but micro-enterprises often find it challenging to navigate compliance requirements, especially those related to digital transactions and KYC norms. The *Financial Services Innovation for Bharat (2023)* report points out that compliance requirements and security protocols can be difficult for smaller fintech firms, which may lack the resources to meet complex regulations.
- Data security is a significant concern for small business owners who are unfamiliar with online transactions and digital record-keeping. Fear of cyber fraud can deter micro-enterprises from adopting fintech services.

4.4 Suggestion

- Promote digital literacy programs through local community center and banks, using native language materials to enhance familiarity with fintech tools and boost the user confidence in digital financial services.
- Deploy local agents and ambassadors who offers personal assistance to micro entrepreneurs, fostering trust and bridges the digital divide.
- Government should make Investment on large scale in enhancing digital infrastructure, particularly internet connectivity and mobile networks in rural and isolated area to provide high quality dependable fintech services to user.
- Regulatory compliance should be simplify as much as possible. Collaborate with regulatory bodies fintech companies should streamline KYC, AML (Anti-Money Laundering), and other compliance requirements, making it easier for micro entrepreneur to meet the formal financial criteria.
- Strengthening the data privacy and security protocol to build trust and protect user interest from financial risk, operational risk, and others type of risk.
- Design customised financial solutions for micro entrepreneur like develop adaptable, cost effective financial instruments that match the unique cash flow and credit needs, microloans with adjustable repayment schedules and micro insurance which mitigate all sorts of risks.
- Introduce attractive incentives to promote adoption of digital payment, facilitating a transition from cash to digital transaction. Which not only drive benefit to user only but also reduce carbon footprint from printing and carrying hard cash.
- Set up a dedicated grievance redressal with multilingual support, enabling micro entrepreneurs to access real time assistance with fintech platform, troubleshooting and guidance.

5.0 Conclusion

The MSME sector, particularly micro enterprises, is a foundational components of India's economy, significantly contributing to employment, innovation, GDP, and equitable regional development. This research highlights the transformative potential of fintech adoption in the micro enterprises ecosystem, considering the sector's extensive rural presence and labour intensive characteristics by its nature. Fintech solutions, including microloans, digital payment processing, cash flow management, micro insurance, which provide customised assistance to micro entrepreneur, which were previously lacking in traditional banking services. Through the integration of digital financial tools, fintech can improve financial inclusion, optimise operations, and stimulate competitiveness among micro enterprises, thereby building economic resilience. Furthermore, the significant gender discrepancy in MSME ownership presents a crucial potential for fintech to boost women entrepreneur. FinTech can reduce entry barriers for women in the workforce sector by providing accessible financing and digital financial instruments. This digital empowerment not only closes financial and gender disparities but also fosters economic self-sufficiency, especially in marginalised rural regions which marked economic growth, social inclusion and gender equity in India.

Reference

- Akter, R., Priyodarshini, A., & Barua, S. (2021). *Empowering Small Businesses with Financial Technology: The Road Less Travelled*.
- Arner, D. W., Barberis, J., & Buckley, R. P. (2015). The evolution of Fintech: A new post-crisis paradigm. *Geo. J. Int'l L.*, 47, 1271.
- Bittini, J. S., Rambaud, S. C., Pascual, J. L., & Moro-Visconti, R. (2022). Business models and sustainability plans in the FinTech, InsurTech, and PropTech industry: Evidence from Spain. *Sustainability*, 14(19), 12088.
- Boston Consulting Group & Department for Promotion of Industry and Internal Trade (DPIIT), Government of India. (2023). *Growing inclusion in India: The FinTech way*. Boston Consulting Group.
- Cortada, J. W. (2005). *The digital hand: Volume II: How computers changed the work of American financial, telecommunications, media, and entertainment industries*. Oxford University Press.
- Festa, G., Elbahri, S., Cuomo, M. T., Ossorio, M., & Rossi, M. (2023). FinTech ecosystem as influencer of young entrepreneurial intentions: empirical findings from Tunisia. *Journal of Intellectual Capital*, 24(1), 205-226.
- Gimpel, H., Rau, D., & Röglinger, M. (2018). Understanding FinTech start-ups—a taxonomy of consumer-oriented service offerings. *Electronic Markets*, 28, 245-264.

- Gomber, P., Kauffman, R. J., Parker, C., & Weber, B. W. (2018). On the fintech revolution: Interpreting the forces of innovation, disruption, and transformation in financial services. *Journal of management information systems*, 35(1), 220-265.
- Hu, Z., Ding, S., Li, S., Chen, L., & Yang, S. (2019). Adoption intention of fintech services for bank users: An empirical examination with an extended technology acceptance model. *Symmetry*, 11(3), 340.
- Kurniasari, F., Lestari, E. D., & Tannady, H. (2023). Pursuing long-term business performance: Investigating the effects of financial and technological factors on digital adoption to leverage SME performance and business sustainability—Evidence from Indonesian SMEs in the traditional market. *Sustainability*, 15(16), 12668.
- Ministry of Micro, Small and Medium Enterprises. (2023). *Annual report 2022-23*. Government of India.
- Najib, M., Ermawati, W. J., Fahma, F., Endri, E., & Suhartanto, D. (2021). Fintech in the small food business and its relation with open innovation. *Journal of Open Innovation: Technology, Market, and Complexity*, 7(1), 88.
- Nicoletti, B. (2017). *The future of FinTech*. Springer. <https://doi.org/10.1007/978-3-319-51415-4>
- Pizzi, S., Corbo, L., & Caputo, A. (2021). Fintech and SMEs sustainable business models: Reflections and considerations for a circular economy. *Journal of Cleaner Production*, 281, 125217.
- Popescu, A. D. (2019). Empowering financial inclusion through fintech. *Social Sciences and Education Research Review*, 6(2), 198-215.
- Ryu, H. S. (2018). What makes users willing or hesitant to use Fintech?: the moderating effect of user type. *Industrial Management & Data Systems*, 118(3), 541-569.
- Swacha-Lech, M., & Solarz, M. (2021). Determinants of the adoption of innovative fintech services by millennials. *E & M Ekonomie a Management*, 24(3).
- Xia, H., Lu, D., Lin, B., Nord, J. H., & Zhang, J. Z. (2023). Trust in Fintech: Risk, governance, and continuance intention. *Journal of Computer Information Systems*, 63(3), 648-662.